

TATA STEEL LIMITED
Standalone Financial Statements for period 01/04/2022 to 31/03/2023

[700300] Disclosure of general information about company

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Name of company	TATA STEEL LIMITED	
Corporate identity number	L27100MH1907PLC000260	
Permanent account number of entity	AAACT2803M	
Address of registered office of company	BOMBAY HOUSE, 24, HOMI MODY STREET, FORT, MUMBAI - 400001, Maharashtra, India	
Type of industry	Commercial and Industrial	
Registration date	26/08/1907	
Category/sub-category of company	Public listed company having share capital	
Whether company is listed company	Yes	
Date of board meeting when final accounts were approved	02/05/2023	
Period covered by financial statements	12 Months	12 Months
Date of start of reporting period	01/04/2022	01/04/2021
Date of end of reporting period	31/03/2023	31/03/2022
Nature of report standalone consolidated	Standalone	
Content of report	Financial Statements	
Description of presentation currency	INR	
Level of rounding used in financial statements	Crores	
Type of cash flow statement	Indirect Method	
Disclosure web link of company at which annual report is placed	http://www.tatasteel.com/investors/integrated-reportannual-report/	
Name of registrar and transfer agent	TSR Darashaw Consultants Private Limited	
Address and contact details of registrar and transfer agent	C-101, 1st Floor, 247 Park Lal Bahadur Shastri Marg, Vikhroli (West), Mumbai - 400 083, Maharashtra	
Whether company is maintaining books of account and other relevant books and papers in electronic form	Yes	
Complete postal address of place of maintenance of computer servers (storing accounting data)	Information Technology Services, Tata Steel, Jamshedpur, Jharkhand. 831001	
Name of city of place of maintenance of computer servers (storing accounting data)	Jamshedpur	
Name of state/ union territory of place of maintenance of computer servers (storing accounting data)	Jharkhand	
Pin code of place of maintenance of computer servers (storing accounting data)	831001	
Name of district of place of maintenance of computer servers (storing accounting data)	East Singhbhum	
ISO country code of place of maintenance of computer servers (storing accounting data)	356	
Name of country of place of maintenance of computer servers (storing accounting data)	India	
Phone (with STD/ ISD code) of place of maintenance of computer servers (storing accounting data)	+91 657 2424861	
Name of the service provider	In House	
Internet protocol address of service provider	In House	
Location of the service provider	Mumbai	
Whether books of account and other books and papers are maintained on cloud	Yes	
Address as provided by the service provider	BOMBAY HOUSE, 24 -HOMI MODY STREET, FORT, MUMBAI Maharashtra 400001 India	

Details of stock exchange(s) where the company is listed [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Stock exchange [Axis]	Stock exchange 1	Stock exchange 2
	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023
Disclosure of general information about company [Abstract]		
Disclosure of company information [Abstract]		
Details of stock exchange(s) where the company is listed [Abstract]		
Details of stock exchange(s) where the company is listed [LineItems]		
Name of stock exchange where the company is listed	National Stock Exchange of India Limited	BSE Limited
Date of listing on exchange	18/11/1998	01/01/1939

Disclosure of principal product or services [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Types of principal product or services [Axis]	Product or service 1	Product or service 2	Product or service 3	Product or service 4
	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023
Disclosure of general information about company [Abstract]				
Disclosure of principal product or services [Abstract]				
Disclosure of principal product or services [LineItems]				
Product or service category (ITC 4 digit) code	2716	7202	7208	7209
Description of product or service category	Electrical Energy	Primary Ferrous Materials	Iron & Non-Alloy Steel	Iron & Non-Alloy Steel
Highest turnover contributing product or service (ITC 8 digit) code	27160000	72024100	72083610	72091520
Description of product or service	Electrical energy (Distribution Licensee)	Ferro Chrome	Hot Rolled Sheets & Coils	Cold Rolled Sheets & Coils
Unit of measurement of highest contributing product or service	MU	MT	MT	MT

Disclosure of principal product or services [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Types of principal product or services [Axis]	Product or service 5	Product or service 6	Product or service 7	Product or service 8
	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023
Disclosure of general information about company [Abstract]				
Disclosure of principal product or services [Abstract]				
Disclosure of principal product or services [LineItems]				
Product or service category (ITC 4 digit) code	7210	7214	7306	7308
Description of product or service category	Iron & Non-Alloy Steel	Iron & Non-Alloy Steel	Steel Products	Steel Products
Highest turnover contributing product or service (ITC 8 digit) code	72104900	72142090	73063090	73089090
Description of product or service	Cold Rolled Sheets & Coils	Steel Rods	Steel Tubes	Steel Structurals
Unit of measurement of highest contributing product or service	MT	MT	MT	MT

Disclosure of principal product or services [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Types of principal product or services [Axis]	Product or service 9	Product or service 10	Product or service 11
	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023
Disclosure of general information about company [Abstract]			
Disclosure of principal product or services [Abstract]			
Disclosure of principal product or services [LineItems]			
Product or service category (ITC 4 digit) code	8482	8607	8426
Description of product or service category	Machinery & Mechanical appliances	Railway Rolling Stock & parts thereof	Machinery & Mechanical appliances
Highest turnover contributing product or service (ITC 8 digit) code	84821011	86071100	84261100
Description of product or service	Bearings	Parts of Railway Rolling Stock	Machinery & Mechanical appliances (TGS)
Unit of measurement of highest contributing product or service	Nos.	MT	MT

[700600] Disclosures - Directors report**Details of directors signing board report [Table]**

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Directors signing board report [Axis]	Director 1
	01/04/2022 to 31/03/2023
Details of signatories of board report [Abstract]	
Details of directors signing board report [LineItems]	
Name of director signing board report [Abstract]	
First name of director	NATARAJAN
Last name of director	CHANDRASEKARAN
Designation of director	Chairman
Director identification number of director	00121863
Date of signing board report	02/05/2023

Details of principal business activities contributing 10% or more of total turnover of company [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Principal business activities of company [Axis]	Product/service 1 [Member]
	01/04/2022 to 31/03/2023
Details of principal business activities contributing 10% or more of total turnover of company [Abstract]	
Details of principal business activities contributing 10% or more of total turnover of company [LineItems]	
Name of main product/service	Manufacturing
Description of main product/service	Metal and metal products
NIC code of product/service	NA
Percentage to total turnover of company	96.96%

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023
Disclosure in board of directors report explanatory [TextBlock]	Textual information (1) [See below]
Description of state of companies affair	Textual information (2) [See below]
Disclosure relating to amounts if any which is proposed to carry to any reserves	The Board of Directors has decided to retain the entire amount of profit for the Financial Year 2022-23 in the statement of profit and loss.
Disclosures relating to amount recommended to be paid as dividend	Textual information (3) [See below]
Details regarding energy conservation	(A) A s detailed in footnote
Details regarding technology absorption	(B) A s detailed in footnote
Details regarding foreign exchange earnings and outgo	(C) A s detailed in footnote
Disclosures in director's responsibility statement	Textual information (4) [See below]
Details of material changes and commitment occurred during period affecting financial position of company	There were no material changes and commitments affecting the financial position of the Company between the end of the financial year and the date of this Report.
Particulars of loans guarantee investment under section 186 [TextBlock]	Textual information (5) [See below]
Particulars of contracts/arrangements with related parties under section 188(1) [TextBlock]	Textual information (6) [See below]
Details of contracts/arrangements/transactions not at arm's length basis [Abstract]	
Whether there are contracts/arrangements/transactions not at arm's length basis	No
Details of material contracts/arrangements/transactions at arm's length basis [Abstract]	
Whether there are material contracts/arrangements/transactions at arm's length basis	No
Disclosure of extract of annual return as provided under section 92(3) [TextBlock]	The Annual Return for financial year 2022-23 as per provisions of the Act and Rules thereto, is available on the Company's website at https://www.tatasteel.com/media/18332/mgt7.pdf
Details of principal business activities contributing 10% or more of total turnover of company [Abstract]	
Particulars of holding, subsidiary and associate companies [Abstract]	
Name of company	TATA STEEL LIMITED
Details of shareholding pattern of top 10 shareholders [Abstract]	
Disclosure of statement on declaration given by independent directors under section 149(6) [TextBlock]	Textual information (7) [See below]
Disclosure for companies covered under section 178(1) on directors appointment and remuneration including other matters provided under section 178(3) [TextBlock]	Textual information (8) [See below]
Disclosure of statement on development and implementation of risk management policy [TextBlock]	Textual information (9) [See below]
Details on policy development and implementation by company on corporate social responsibility initiatives taken during year [TextBlock]	Textual information (10) [See below]
Disclosure as per rule 8(5) of companies accounts rules 2014 [TextBlock]	
Disclosure of financial summary or highlights [TextBlock]	Textual information (11) [See below]
Disclosure of change in nature of business [TextBlock]	There has been no change in the nature of business of the Company as on the date of this Report.

Details of directors or key managerial personnels who were appointed or have resigned during year [TextBlock]	Textual [See below]	information	(12)
Disclosure of companies which have become or ceased to be its subsidiaries, joint ventures or associate companies during year [TextBlock]	Textual [See below]	information	(13)
Details relating to deposits covered under chapter v of companies act [TextBlock]	Textual [See below]	information	(14)
Details of deposits which are not in compliance with requirements of chapter v of act [TextBlock]	Not Applicable		
Details of significant and material orders passed by regulators or courts or tribunals impacting going concern status and company's operations in future [TextBlock]	Textual [See below]	information	(15)
Details regarding adequacy of internal financial controls with reference to financial statements [TextBlock]	Textual [See below]	information	(16)
Disclosure of appointment and remuneration of director or managerial personnel if any, in the financial year [TextBlock]	Textual [See below]	information	(17)
Details of remuneration of director or managerial personnel [Abstract]			
Number of meetings of board	[pure] 7		
Details of signatories of board report [Abstract]			
Name of director signing board report [Abstract]			

Footnotes**(A) CONSERVATION OF ENERGY**

(i) Steps taken or impact on conservation of energy:

Jamshedpur

SN	Achievements	Key Enablers
1.	Achieved lowest ever plant Specific Energy Consumption of 5.314 GCal/tcs.	• Digital predictive model developed and deployed for CO gas generation from coke plant.
2.	Achieved highest ever LD Gas recovery of 105,089 Nm ³ /hr.	• Arrangements done to increase LD Gas utilisation by injecting in TSCR Gas mixing station.
3.	Achieved by-product gas utilisation of 97.48%	• LD Gas recovery improvement from LD1 by enhancing the reliability of LD1 gas recovery system.
4.	Achieved highest ever inhouse Power generation of 276.58 MW by utilising by-product in-house gases and through waste heat recovery.	• Launched an idea generation campaign across Tata Steel India focusing on spreading awareness and enhancing sensitisation regarding energy conservation.
5.	Achieved lowest ever Argon cost of 930 Rs. /T	
6.	Achieved low-pressure process steam consumption of 319.48 tonnes/hour	
7.	Lowest ever specific water consumption of 1.97 m ³ /tcs recorded.	
8.	Lowest ever freshwater intake 12.67 MGD.	
9.	Highest ever CETP production of 5.15 MGD.	

Kalinganagar

SN	Achievements	Key Enablers
1.	Reduction in Specific consumption of Clarified water from .081 m ³ /t in FY2022 to .060 m ³ /t in FY2023 due to magnetic treatment of water at sinter plant.	• Safety enhancement in liquid propane unloading procedure by replacing the hoses with a fully articulated and self-supported hard arm system.
2.	Reduction in Gaseous Fuel Rate from 15.63 G Cal/t in FY2022 to 14.14 G Cal/t in FY2023 due to effective coating.	• Automatic Tube Cleaning System successfully introduced for cleaning the condensers at the Chiller Plants. This method is eco-friendly, saves up to 30% energy (as compared to conventional cleaning procedure) and reduces corrosion failures.
3.	Reduction in Coke Rate from 358 kg/thm in FY2022 to 347 kg/thm in FY2023.	• VFD installation and commissioning done successfully for Aeration blower-D in BOD area in order to save the power consumption and reduce the standard deviation of Dissolved oxygen.
4.	Reduction in Fuel rate from 537 kg/thm in FY2022 to 529kg/thm in FY2023.	
5.	Increase in TRT power generation to 110354 MWh (Increase of 6% over FY2022).	
6.	Best ever average cycles of concentration ('COC') in main cooling tower achieved at 8.81 in FY2023 against previous best of 7.97 in FY2022. Higher the COC, lower the make-up water consumption in cooling tower.	
	Reduction in specific heat consumption of 705 Kcal/kg of dry coal in FY2023 against FY2022 consumption of 718	

7.	Kcal/kg of dry coal. Monthly best ever of 620 Kcal/kg of dry coal in the month of March 2023.	
8.	Reduction in make water consumption to BOD plant by replacement of makeup water to BOD treated water line. Average per day make up water consumption in BOD area in FY2023: 20 m3/day against FY2022 average consumption at 160 m3/day.	
9.	Annual average Coke Oven Gas quality properties were best ever at 208 mg/Nm3 H2S against the previous best of 228 mg/Nm3 during FY2022 (lower the better, this gas is used as fuel throughout the plant, cleaner gas helps in improving the combustion efficiency)	
10.	Increase in LD gas recovery from 62.62% in FY2022 to 78.73% in FY2023 by elimination of chronic process interruptions.	

Meramandali

SN	Achievements	Key Enablers
1.	Increase in hot blast temperature at Blast Furnace (BF)-1 from 1103Deg C (FY2022 Avg.) to 1137Deg C Without Waste Heat Recovery System in line	• Change in air to fuel ratio from 0.75 to 0.82 and reduction of stove incubation period time from 12 minutes to 4 minutes
2.	Reduction in coke moisture during wet quenching up to 4.5% at Coke Oven-2	• Increased Coke Retention Time and Step Quenching
3.	Increase in Pulverised Coal Injection (PCI) Rate at BF-2 from 157 to 175 Kg/Thm.	• Additional PCI system introduced for increasing the PCI rate
4.	Improvement in Coke Reactivity Index at Coke Oven-1 by 1%	• Availability of Desired Coal and avoid Contamination/mixing.
5.	Increased Coke Dry Quenching (CDQ) -2 Pushing at Coke Oven-2 from 64 Per Day in FY2022 To 72 Per Day in FY2023 (Avg.)	• Increased in Oven Availability and consistency in pushing and improvement in Heating System
6.	Revival & Commissioning of LD Gas Holder for utilisation of LD gas	• Support from OEM experts for rectification of seal
7.	Reduction of power by optimising no of Operating Compressor at Central Compressor House.	• Interconnection of compressed air line between Centralised Compressor House & BFPP-2 Ash Handling Compressor House
8.	Utilisation of unused flash steam at Blast Furnace Power Plant #2 (BFPP-2).	• Steam Line design modification at 60 TPH & 125 TPH Boiler.
9.	Reduction of Oxygen Venting from 4% to 2.7%.	• Pressure set point optimisation of Oxygen Horton sphere vessel and Commissioning of 2*250Cum Buffer Vessel
10.	Replacement of Energy Efficient motor in place of IE1 Motor (25 Nos) at RMHS for Reduction in power consumption	• Procurement & Replacement.

(ii) Steps taken by the Company for utilising alternate sources of Energy:

- Projects on Power generation from solar and non-conventional energy source gained momentum.
- 28 MW generation capacity through solar power source is in the pipeline.
- Project on Central LDC is in progress, targeted to reduce DISCOM drawl (by ~07 MW).

- Project on installation of 'Energy recovery Micro Turbine' to recover throttling loss in steam pressure are in progress at

PH#3, PH#4, and PH#5, G,H,I BF and BPP, TSJ

- Project on retrofitting of existing cooling tower with S.M.A.R.T. system using predictive control strategy, feasibility work in progress for CRM cooling towers.
- Power wheeling across TSL locations to maximise power utilisation from captive units
- Successfully commissioned a solar farm of 1MW capacity at the Raw Water Treatment Plant.
- Utilisation of by product gas-conversion of coal fired boiler to dual fire at Angul Energy Limited is under Progress.
- Initiated of feasibility study for utilisation of natural gases at TSM.
- Power generation by using of microturbine at BFPP-2 is under Progress.
- CDQ-1 installation at Coke oven-1 is under progress.

(iii) Capital investment on energy conservation equipment:

S. No.	Particulars	Rs. crore
	Jamshedpur	
1	LD Gas injection in TSCR Gas Mixing Station	0.94
2	Micro turbines at G, H, I BF, TSJ	4.78
3	Micro turbines at BPP, TSJ	3.39
	Meramandali	
4	Revamping of Energy Management Centre at Meramandali	0.7

(B) Technology Absorption

1. Efforts made towards technology absorption

(i) Projects under Research and Development and Digital initiatives

Jamshedpur

Project title	Benefits
Jamshedpur	
Reduction in coke moisture by super absorbent polymer	Super absorbent polymers have high moisture absorption and retention capacity. Therefore, a methodology is developed at a lab scale and implemented at several locations. This method proved in reduction of 15-20 kg coke rate, and 40-45 kg CO2 emissions per tonne of hot metal production.
Metal Chalcogenide generators to generate green electricity	Thermoelectric generators produce electricity due to Seebeck effect, where an electric potential is generated due to a thermal gradient across 2 surfaces. The present system produces 1 Kilo Watt Hour of green electricity.

Increasing hydrocyclone yield at a wet plant by improving the dewatering screen efficiency.	At wet plant, hydrocyclone underflow product is dewatered through high frequency dewatering screen having conventional 2D panels. R&D is working towards introducing 3D screen panels in place of 2D panels based on encouraging results as obtained from DEM simulation and Demo scale trials at plant site.
Throughput improvement of a Washery by improving Concentrate thickener operation by new design feed well	R&D has taken up a project to improve fine clean coal yield and throughput by improving the fine clean coal thickener performance of a Washery at mine site. Studies suggested that an improved feeding arrangement through new feed well design will enhance the reagent-particle and particle-particle interactions and lesser air entrainment.
Innovative Pulse iron ore sintering	TSL R&D has developed an innovative technology in iron ore sintering called "Pulse Sintering". Unlike conventional sintering process where the suction in the sinter bed is continuously downdraft, in pulse sintering, pulsating action in the suction wind boxes creates back pressure and thereby broadens the flame front and increases sinter heating index by improving heat transfer rate of flowing gas. This concept was successfully implemented in sinter plant.
Enhancement of iron ore grinding process in ball mills thru surface charge modifiers	To improve the grinding of iron ore during ball milling, a polymer-based surface charge modifier has been established and implemented in pellet plant by R&D. Neutralised surface charges on the ore particles during grinding improves particle breakage leading to increase in ball mill thruput and drop in rejects. An improvement of 2.7% in ball mill thruput was observed during plant trials at pellet plant.
Sacrificial anode	A High phosphorus pig iron (HPPi) based sacrificial anode has been developed. This sacrificial anode is useful for enhancing the life of metallic structures inside sea, soil and concrete. The pilot trial has been successfully done and product is ready to be explored on a commercial scale.
Antimicrobial coating	Polymer coated steel sheet is primary product for white good sector, appliances and construction application. The antiviral paints were developed at lab scale complying to the JIS Z 2801 and ISO21702 standards. The antiviral product reduces the secondary transmission of virus & bacterial therefore, it is healthy to use for the in-house applications in house/community centres/hospitals/schools/railway station/airport.
Mesh seam welding	A mathematical model to map the weldability lobe for resistance mesh seam welding of high strength and high thickness grade was developed by R&D team. Time-temperature profile during mesh seam welding provides online assessment of weld quality and prevents coil breakage in line.
Development of hot rolled complex steel with minimum UTS of 780 MPa	The project aims at developing a hot rolled complex phase steel, consisting of different phases like bainite, ferrite and martensite. This steel grade is suitable for manufacturing various automotive components. The advantage of this grade is an excellent combination of strength, toughness and flanging property. The in-house development of this advanced high strength steel grade comprises various steps, such as alloy design, laboratory scale heat making, thermomechanical simulation and pilot scale hot rolling in laboratory.

Kalinganagar

Raw Material Handling System & Logistics Operation

Project title	Benefits
Robot Operation In wagon tippler	Elimination of MMI during coupling and decoupling activity.
Modification of CHP HMI mapping of all the piles in yard	By mapping of the Coal stockpiles in HMI resulted in elimination of mixing of different grades of material due to human error.
Productivity enhancement of Conveyor through effective Braking	By measuring and setting up the conveyor stoppage time in sync with preceding and succeeding conveyor which eliminated jamming in conveyor circuits.
Enhanced reliability of Moving equipment through installation of Drag Chain	This system will eliminate the failure of composite cable along with risk of electrocution.

Sinter Plant

Project title	Benefits
Lime fines visibility dashboard to improve sinter productivity	Central visibility dashboard to track the real time movement of lime fines to maintain a healthy stock to maintain sinter production levels.
Auto surge bin control loop at tsk sinter plant	This control will minimise the interruptions in green mix circuit having a positive impact on life of equipment. Also, it will help in consistency of operations reducing the variations in quality.
Installation & commissioning of online FeO analyser to improve quality and reduce coke consumption at tsk sinter plant.	We are able to monitor real time FeO% in product sinter then Coke trimming can be optimised in real time as per the dynamic value of FeO% in product Sinter.

Coke Plant

Project title	Benefits
<ul style="list-style-type: none"> Automation of Ammonia stripper top temperature done with external steam flow. Installation and commissioning of automatic foam type fire extinguishing system for coal tar tanks. 	This will improve safety and better process control at CP By-product plant
Deploying drones at coal yard by to capture tonnage of coal and linking it with its corresponding properties.	This will improve better inventory management and also reduce coal mix-up probability

Steel Melting Shop (Data warehouse/Digital)

Project title	Benefits
Successful implementation of Desulphurisation Advanced analytics model	This will reduce desulphurising reagent consumption
Successful implementation of Heat weight model	This will increase cast weight by 2 T/heat
Adaptive ferro-alloy model developed	This will lead to better product mix and process efficiency
Development of superheat model for Ladle Furnace	This will improve steelmaking process control and stability

Hot Strip Mill (Digital)

Project title	Benefits
Soft Sensor for width Measurement	Data Analytics Model has been implemented for predicting product width to avoid rolling stoppage in case of unavailability of width measurement device after finishing mill
Auto Coil Decision System	Auto Coil Decision System has been implemented to reduce quality decision cycle time. Automatic decision is taken based on dimensional measurement, chemistry, lab testing & inspection results
3D View of Yard Management system	Improved visualisation and control of Coil Yard management system through 3D view mapping

Utilities

Project title	Benefits
10 Tons per Day Waste-to-Energy ARC-Cat-Polycrack technology-based plant (under construction)	The plant shall primarily generate syn gas (CO+H ₂) along with mixed gas, oil and biochar from carbonaceous waste in a cost-effective and eco-friendly manner.

Meramandali

Blast Furnace 1 & Blast Furnace 2

Project title	Benefits
BF level 2 system is developed based on first principles of physical laws of BF process and operation practices. The system consists of the following mathematical models:	It calculates the optimum burden recipe required to achieve the desired hot metal and slag chemistry using the raw material analysis and adopting the typical mass balance principles. It generates the set points of raw materials that are transferred automatically with minimum operator's intervention.
a) Burden Calculation Model	
b) Stock House Matrix editor	
c) Shaft Simulator	
d) Lab Browser	
e) Water Ingress Model	
f) Liquid Level Monitoring System	
Torpedo Ladle Tracking System was implemented in Hot Metal Logistics area using RF technology and IoT sensors.	Auto weighment of hot metals is captured, on-line tracking of torpedoes help hot logistics team to assign torpedoes to blast furnaces and upstaging to higher level system for further process analysis and data analytics projects.

Coke Plant 1 & Coke Plant 2

Project title	Benefits
Coke oven Level 2 systems brings high regularity in oven operations, consistency in coke quality and eliminates human coordination in operating the oven machines. The system consists of the following functions.	This system helps to improve the consistency of operations of the battery by the help of computer-generated pushing/ charging schedules. Computerised heating control improves the standard deviation of the coke mass temperature and therefore ensures consistent coke quality. This system provides for comprehensive data analysis and report generation, which help in overall efficient operations.
• Dynamic Scheduling for Oven	
• Machine group management	
• Heating control	

Sinter Plant

Project title	Benefits
Level-2 system consisting of process models like Sintering temperature simulation model, Stack PM prediction model, Decision support system (recommendations model) and Alert systems- real time alerts on key parameters in case of any abnormality was implemented in Sinter Plant-2 and Sinter Plant-3.	Provides real process visualisation of the Sinter plant and in turn assists the operation with better optimisation and control facilities. The prediction and simulation models of the level II system guides the operators to take early corrective actions for process control.

Maintenance Technology Roadmap (MTR)

Project title	Benefits
	Reduction in unplanned & planned downtime &

Maintenance Transformation was enabled for predictive maintenance under MTR.	achieve benchmark OEE. Early decision to user regarding Sensor Health, Abnormality, and failure. Optimise maintenance cost and resources. Perform real time monitoring & raise fags by predicting critical events.
Track1: End to end predictive maintenance was developed using Conventional Sensor's and in House Machine Learning Model were deployed for BOF Primary ID Fan and Secondary ID Fan, Sinter Plant Waste Gas Fan, Conarc Secondary ID Fan, LF3 Booster Fan, BF2 MB Belts Motor and Conveyor Driving System.	
Track 2: Predictive maintenance was implemented using OEM SMART (Vibration & Temperature) sensors for rotating equipment having no conventional sensors. 268 IOT Based smart sensor's installed in BF1, BF2, SMS and HSM.	

Lime Plant:

Project title	Benefits
Lime Plant Level-2 - The following was implemented as part of Lime Plant Level-2:	Improvement in lime quality, transparency (single version of truth) leading to increase in agility in decision making, reduction in quality deterioration of product lime, System based decision over tacit knowledge and standardised operation (independent of operator) and increase in Kiln availability.
• Data acquisition and centralised historisation: A system to historise real time process parameters for better visualisation and analysis of the process.	
• Visualisation of process and operational Data: Process visualisation and parameter trends to all stakeholders for better decision making.	
• A setup to deploy process models: Scope of process optimisation through model deployments.	
• Kiln operation in Closed loop control mode: Operation of kiln using Optimised set points in semi-automatic mode through level#2	

Steel Melting Shop (SMS)

Project title	Benefits
SMS Control Tower Phase1 - SMS Control Tower main dashboard has been developed which gives real time, to the scale visualisation of process and equipment at SMS shop. SMS Shop have eighteen (18) process units (BOF, Conarc, slab casters, LF, RH etc.) and thirty-nine (39) mobile equipment (ladle transfer cars, overhead cranes, slag pot carriers etc). Status of process units and mobile equipment changes every minute which leads to dynamic constrain. Shift planner faces challenge in managing such a complex combination of process and equipment for optimum production leading to loss of production due to unavailability of logistic. Realtime to the scale visualisation of all process and equipment gives shift planner bird eye for optimising equipment availability to have maximum production.	Increase in production and decrease in delay due to logistic issue.
Torpedo Level 2 system – It implements new heat id concept in hot metal area. Blast furnace heat id and torpedo information is linked with SMS batch id using this system. The system enables representative hot metal analysis and temperature being available to BOF and Conarc for optimum	Reduction in flux consumption at BOF and Conarc. Increase in

process control. It works as basic infrastructure for further implementation of BOF/Conarc level-2.	transparency and reduction in phone calls.
Quality Evaluation System (QES) -The system provides automated slab decision and visualisation of slab-wise abnormalities	To prevent manual mistakes while giving slab decision with adequate system check.
The system has following feature.	Faster and automated quality decision.
<ul style="list-style-type: none"> Online visualisation screen for the slab quality inside the casting strand. 	Online visualisation screen available for QA team for slab decision to see each slabs abnormalities and for big data analytics.
<ul style="list-style-type: none"> Historisation of product abnormalities for future analysis (Customer complaint investigation, through process analysis etc.) 	
<ul style="list-style-type: none"> Automated quality decision based on process charts. 	
<ul style="list-style-type: none"> Suggestion for alternate grade in case of exception. 	

Hot Strip Mill

Project title	Benefits
Integrated Quality Management System (IQMS) at HSM - It provides Coil Quality Decision and visualisation of Coil-wise abnormalities.	<ul style="list-style-type: none"> Online visualisation screen available for QA team for Coil Decision.
The system has following feature:	<ul style="list-style-type: none"> Quicker Decision.
<ul style="list-style-type: none"> It has integrated platform for PDI, PDO data and capture process parameter data for real-time data visualisation. 	<ul style="list-style-type: none"> Coil Quality assurance.
<ul style="list-style-type: none"> Online Visualisation screen for the Coil Quality Decision. 	<ul style="list-style-type: none"> Coil abnormalities and defect analysis
<ul style="list-style-type: none"> Automated quality decision based on TDC parameter. 	
<ul style="list-style-type: none"> Historisation of product abnormalities for future analysis (Customer complaint investigation, Through process analysis etc.) 	

Cold Rolling Mill

Project title	Benefits
Reversing Mill-3 level-2 system at Sahibabad has been implemented with help of OEM (MS Primetal). Rolling through level-2 has been enabled. Integration with MES has been done.	Better process control coil defect analysis

(ii) Process Improvement Raw Material Division Ferro Alloys

- Reduction of ferrochrome production cost by introducing low-cost carbon composite briquette:

To tap the cheaper reductant source and utilise in Ferrochrome making process, an innovative approach is developed to utilise the coke fines. In this process, composite briquette is prepared with coke fines and chrome ore mix and utilise into the submerged arc furnace in Ferrochrome making process. Through this approach sized coke requirement is reduced substantially and as a result the cost of production has come down.

- Convert low value FeCr fines into prime lump product through induction melting:

Ferrochrome is sold according to the size grading specifications of users. Due to this lots of undesirable fines are generated during size reduction process. An induction furnace melting process of FeCr fines has developed, through this route FeCr fines can be melted and converted back to prime lump product easily which will help Ferrochrome makers to recover the full value of its product.

Mining Technology

- Identification of Eccentric Ripper Technology as an alternate Blast free mining solution for Extraction of overburden at West Bokaro:

Trial is in progress to establish techno-commercial feasibility & decision on way forward.

- Novel mining approach proposed for extraction of friable chrome ore (~20 million Ton) below ultimate pit limit at

Sukinda:

Feasibility study is completed & Techno-commercial feasibility is established. Decision on way forward is in progress.

Ore Beneficiation

- Technology development to upgrade sub grade iron ore (45%

To be a leader in the Raw material technology area, Process Technology Group is exploring innovative approaches to upgrade sub-grade to make it usable for downstream process. In this regard, two non-conventional techniques were identified, namely reduction roasting and ultra high dense media separation. Lab studies for captive ore have been completed and achieved encouraging result, pilot scale study will be carried out for validation of test work result. These technologies will help Tata steel to set a direction for forthcoming Iron ore mines auction in FY2030.

Coal Beneficiation

- Performance Improvement of Reflux Classifier (RC) at JCPP:

RC clean coal ash reduced from 24.4% to 22.5% by optimisation of classifying cyclone operating parameters (pulp

density & feed pressure) along with implementation of preventive measures.

- Real time performance monitoring of DMC using Electrical Impedance Spectroscopy (EIS):

EIS Installed for one stream of Dense Media Cyclone (DMC) of Washery#3 in Dec'22, which eliminates traditional way of monitoring media density comprising manual collection & analysis of samples – time consuming & a costly affair.

Upon implementation in all four streams, this will have a potential impact of 0.2% on overall yield of the washery#3.

- Beneficiation of Intermediate Size Fraction using

Fine DMC:

To produce low ash clean coal, fine DMC Pilot Test work was carried out at PESCO lab, South Africa. Targeted clean coal ash of 13% was achieved at the yield of 55%.

Jamshedpur

Agglomeration

- A cold bonded agglomerate consisting of Fe bearing in house generated waste material is used in blast furnaces, resulting in carbon rate reduction of 1.5 kg/ thm with 1% addition in Blast furnace burden.

Coke Making

- Coke Yield Improvement at Coke Dry Quenching system:

Of the several reactions that occur during CDQ, the reaction of CO₂ with Carbon leads to weakening of the coke structure and thus, adversely affecting its CSR and coke yield. Based on this theory, researchers found that by optimising the CO and CO₂ % in the circulating gas led to improvement in coke yield and coke CSR. A trial was conducted at Battery 10,11 wherein CDQ 10-11 was operated at optimised CO% During trial, there was improvement in coke yield by 0.2-0.3% and now this has been implemented at Battery 10 -11.

Blast Furnace

- Enhance sinter fines usage at HBF by 1%:

Implemented 4mm sinter fines material at HBF stock house on Nov'22. Its enabling generation of coarser sinter return fines that can be charged in BF and as a result HBF has increased its utilisation. Due to 1% higher agglomerate in burden coke rate dropped by 1.5 kg/thm at BF"

Process visibility

- Improved sensorisation at sinter plant:

To monitor difficult to measure parameters like bed heating uniformity in sinter bed, a thermal imaging-based sensor has been installed in at the discharge end. Heating non uniformity index is developed and correlating with upstream parameters are being explored.

Kalinganagar:

Sinter Plant

- Achieved Best ever Annual average BF return fines of 13.77. (Previous best was 14% in FY2022).
- 100 KT Sinter was dispatched to NINL while managing Sinter Plant MSD and monsoon.
- Maintained 77% burden with 427 KT higher production than ABP partially replacing procured pellet and reduced moisture load during monsoon.
- Buffer stock maintained at 100 KT (quickly recovered post monsoon).

- Benchmark MTTR for replacing DCTC.
- 97.98% RDI compliance.
- Uninterrupted sinter supply during 6 days standalone MSD.

Steel Mating Shop

- Achieved best scrap consumption of 9.2% in FY2023 surpassing previous best of 7.7% in FY2022 enabling reduced carbon footprint.
- Successful casting of 1.2%, 2.4%, and 3.35% Si Electrical steel.
- Lowest ever annual flux consumption of 83 Kg/ TCS achieved with best monthly consumption of 79.3 Kg/TCS.
- Achieved highest ever average heat size of 305.2 T/heat in FY2023.
- Segregation of Converter#1 tilt field devices by installation of separate RIO to avoid downtime of both Converters in case of any mishaps.
- Installation of Linear Heat Sensing cable system in LC#18 conveyor to avoid major damage due to fire in conveyor line.
- Positioning of RH transfer car using laser sensor instead of limit switches.
- Implementation of control stop in LF transfer car.
- Installation and commissioning of redundant turret drive.
- Reliability improvement of converter skirt PLC for easy troubleshooting.
- Upgradation of server at HMDS, Converter, and RH.
- Installation and commissioning of tundish anti-tilting to prevent unequal submergence of SEN in mould thereby increasing SEN life.
- Installation of sensors for slab width measurement.
- Risk reduction from R2 to R4 risk scenario by installation and commissioning of auto-flushing system in converter fare stack COG line.
- 1st in India, IBOS (Improved Bottom Optimised Solution) – Precast block for Steel Ladle bottom has been installed to reduce metal return.
- Lowest ever internal rejection in FY2023 0.06% against ABP target of 0.30%.
- 1st time achievement of ultra- low Carbon 5ppm in IF grade.
- Longest Tundish sequence length of 739 heats (2,26,810 tons) cast in February 2023 surpassing previous best of 538 heats (1,63,844 tons) in January 2023.

Hot Strip Mill

- Successfully rolled 300Kt+ TSM Slabs through synergy initiatives.
- Improvement of gross yield from 98.21% in FY2022 to 98.22% in FY2023 through daily management.
- Successfully rolled Electrical Steel up to 2.4% Silicon.
- Achieved Width Performance (97.3%) among the entire product mix through improvement in width control model.
- Consistent supply of API grades rolling with superior quality (for nation building-City Gas Project, CGP) with respect to surface, shape & mechanical properties. Produced 200 KT+ API grade steel in FY2023 with API X70 as major share

(63%) in it.

(iii) Product Development

Jamshedpur

- Cr-free secondary coated GA fuel tanks of Bharat Stage VI (BS-VI) compliant two-wheelers.
- High strength, high ductility 6mm air cooled rebars with superior weld shear strength for welded wire mesh.
- Grade Fe 550D CRS rebar to cater to the requirement of high strength corrosion resistant rebar.
- Grade HC58A wire rod addressing customer requirement of high-speed direct drawing wire rod.
- Grade HC78BX wire rod was developed for rope application.
- C80 HR with improved cold rollability.

Kalinganagar

Following Grades were developed in FY2023:

- S355MC (impact guarantee at -48 degree Celsius):

Developed HR steel for arctic region transformer cover.

It is a first in India product.

• HS900: Developed and successfully tried out for bulk trailer application. This resulted in 550 kg of weight saving per trailer. It is a first in India product.

• SPFH590 (100% HER Min.): Developed for JBM (for Suzuki, Gujarat). Component trial successful in the first attempt itself. It is a first in India product.

• SPFH 590 (low Si): To improve the surface finish for wheel disc application, grade with low silicon was developed.

• X42 (Sour): For API sour service.

- X65 (low Moly): A low-cost version of X65 was developed for API non sour application
- S355J2 (low Si): HR developed for export structural tubes application with improved surface finish.
- 0.6%, 1.2% CRNO Electrical Steel: Developed 2.5mm thick sheets for Posco and Surahammer.
- SPFH540 (Mn / Si) for Kalyani Maxion Wheels: Developed for wheel rim of LCV.
- IRS Grade A: Developed 5 to 20mm thick sheets for various ship builders.
- 16MnCr5, SCM435, 15Cr3 for Tubes Products of India: Developed these alloy steels for application in Sprocket and Chain components.

Meramandali

- ASTM A 572 - Gr 50 Type 1 (8 to 12 mm): Developed for Pre-Engineered Building segment
- E46: Developed for Heavy Commercial Vehicle chassis
- YST38: Developed for Commercial Vehicle wheel disc
- EN 10025 S235+AR J2 (5 to 12 mm): Developed for Exports market for structural application
- EN 10025 S275+AR J2 (5 to 12 mm): Developed for Exports market for structural application
- Fe330: Developed for Brake Back plate application
- JIS G3113 SAPH370: Developed for Car wheel application
- Grade A CF: Developed for Wheel disc and brake component

2. Benefits derived from key projects like product improvement, cost reduction, product development or import

substitution:

Project title	Benefits derived
Jamshedpur	
Rolling of Fe550SD at high-speed using lean chemistry	Less diversions with consistent billet quality. Expected savings of Rs.22.5 crore in FY2023
Developing TSCR as an alternate route for Steelium Coil production instead of HSM	Savings of Rs.3.68 crore in FY2023
Use of coated sink roll to extend campaign length in GA (GA Skin) Campaign	Savings of Rs.0.66 crore in FY2023
Developing heat optimisation model for tunnel furnace in LD#3 TSCR	Gas consumption savings of Rs.3 crore in FY2023

3. Information regarding imported technology (last three years):

S. No.	Technology Imported	Financial year of Import	Status
	Jamshedpur		
1	Electro Magnetic Brake (Phase-2)	2020 - 21	Commissioned
2	Electro Vessel 2 Trunion and Guide System (Part of LD#2 Converter Scheme)	2020 - 21	Commissioned
3	Granshot	2021 - 22	Commissioned
4	Surface inspection system at PLTCM	2021 - 22	Commissioned
5	Revamping of ARP 1, 2 at TSJ CRM	2021 - 22	Commissioned
6	Revamping of ARP at CRM Bara	2021 - 22	Commissioned
7	Extrusion briquetting machine for plant reverts	2022 - 23	Yet to be commissioned
	Kalinganagar		
8	2nd Barrel Reclaimer (Make: TAKRAF Tenova) in RMBB Sinter Plant	2019-20	Commissioned

4. Expenditure on Research & Development (R&D)

	(Rs. crore)
(a) Capital	4.27
(b) Recurring	270.65
(c) Total	274.92
(d) Total R&D expenditure as a % of Total Turnover	0.21%

(C) Foreign Exchange Earnings and Outgo

		(Rs. crore)
	FY2022-23	FY 2021-22
Foreign Exchange Earnings	8,612.98	17,187.78
Value of direct imports (C.I.F. Value)	42,522.99	29,071.56
Expenditure in foreign currency	799.51	505.33

Textual information (1)

Disclosure in board of directors report explanatory [Text Block]

BOARD'S REPORT

To the Members,

Your Directors take pleasure in presenting the 8th Integrated Report [prepared as per Integrated Reporting framework of the International Integrated Reporting Council (IIRC) (now consolidated into IFRS Foundation)] and the 116th Annual Accounts on the business and operations of Tata Steel Limited ('Tata Steel' or 'Company'), along with the summary of standalone and consolidated financial statements for the financial year ended March 31, 2023.

A. Financial Results

				(Rs. crore)
	Tata Steel Standalone		Tata Steel Consolidated	
	2022-23	2021-22	2022-23	2021-22
Revenue from operations	1,29,006.62	1,29,021.35	2,43,352.69	2,43,959.17
Total expenditure before finance cost, depreciation (net of expenditure transferred to capital)	1,01,304.65	77,891.50	2,11,052.53	1,80,469.22
Operating Profit	27,701.97	51,129.85	32,300.16	63,489.95
Add: Other income	3,325.48	1,452.02	1,037.48	784.89
Profit before finance cost, depreciation, exceptional items and tax	31,027.45	52,581.87	33,337.64	64,274.84
Less: Finance costs	3,792.14	2,792.08	6,298.70	5,462.20
Profit before depreciation, exceptional items and tax	27,235.31	49,789.79	27,038.94	58,812.64
Less: Depreciation and amortisation expenses	5,434.61	5,463.69	9,335.20	9,100.87
Profit / (Loss) before share of profit/(loss) of joint ventures & associates, exceptional items & tax	21,800.70	44,326.10	17,703.74	49,711.77
Share of profit / (loss) of Joint Ventures & Associates	-	-	418.12	649.16
Profit / (Loss) before exceptional items & tax	21,800.70	44,326.10	18,121.86	50,360.93
Add/(Less): Exceptional Items	(778.78)	(235.45)	113.26	(134.06)
Profit before tax	21,021.92	44,090.65	18,235.12	50,226.87
Less: Tax Expense	5,526.81	11,079.47	10,159.77	8,477.55
(A) Profit/(Loss) after tax	15,495.11	33,011.18	8,075.35	41,749.32
Total Profit / (Loss) for the period attributable to:				
Owners of the Company	-	-	8,760.40	40,153.93
Non controlling interests	-	-	(685.05)	1,595.39
(B) Total other comprehensive income	100.37	694.90	(13,849.07)	1,305.42
(C) Total comprehensive income for the period [A + B]	15,595.48	33,706.08	(5,773.72)	43,054.74

Retained Earnings: Balance brought forward from the previous year	76,498.67	46,480.00	55,647.79	16,476.70
Add: Profit for the period	15,495.11	33,011.18	8,760.40	40,153.93
Less: Distribution on Hybrid perpetual securities	-	1.46	-	1.46
Add: Tax effect on distribution of Hybrid perpetual securities	-	0.37	-	0.37
Add: Other Comprehensive Income recognised in Retained Earnings	210.31	5.67	(9,981.60)	366.39
Add: Other movements within equity	-	9.99	(33.12)	1,656.02
Balance	92,204.09	79,505.75	54,393.47	58,651.95
Which the Directors have apportioned as under to:-				
(i) Dividend on Ordinary Shares	6,233.11	3,007.08	6,227.15	3,004.16
Total Appropriations	6,233.11	3,007.08	6,227.15	3,004.16
Retained Earnings: Balance to be carried forward	85,970.98	76,498.67	48,166.32	55,647.79

Notes:

i. On July 4, 2022, Tata Steel Long Products Limited ('TSLP'), a non-wholly owned listed subsidiary of the Company, had completed the acquisition of Neelachal Ispat Nigam Limited ('NINL') for a total purchase consideration of Rs. 12,100 crore as per the terms and conditions of the Share Sale and Purchase Agreement ('SPA'). The financial statements of NINL have been consolidated effective July, 4 2022.

ii. Pursuant to an order pronounced by the Hon'ble National Company Law Tribunal, Kolkata Bench ('Hon'ble NCLT') on April 7, 2022, Tata Steel Mining Limited ('TSML'), an unlisted wholly-owned subsidiary of the Company completed the acquisition of a controlling stake of 90% in Rohit Ferro-Tech Limited ('RFT') on April 11, 2022, under the Corporate Insolvency Resolution Process ('CIRP') of the Insolvency and Bankruptcy Code, 2016 ('Code'). Vide the same order, the Hon'ble NCLT also approved the amalgamation of RFT with TSML subject to TSML acquiring 100% equity stake in RFT. On July 7, 2022, RFT was amalgamated with TSML.

iii. Figures for the previous periods have been regrouped and reclassified to conform to the classification of the current period, where necessary.

iv. During the year under review, exceptional items (Consolidated Accounts) primarily represents:

a. Gain on sale of non-current investments at Tata Steel Europe ('TSE') amounting to Rs. 67 crore.

b. Impairment reversal Rs. 96 crore at TSE on deferred consideration of Speciality Business.

c. Net impairment reversal in respect of property, plant and equipment (including capital work-in-progress), right-of-use assets and other assets at TSE amounting to Rs. 37 crore.

d. Fair valuation gain on non-current investments amounting to Rs. 31 crore at Tata Steel Limited (Standalone).

Partly offset by,

a. Net Provision for Employee Separation Scheme ('ESS') amounting to Rs. 92 crore under Sunehere Bhavishya Ki Yojana ('SBKY') scheme at Tata Steel Limited (Standalone).

b. Expenses incurred in stamp duty and registration fees for a portion of land parcels and mines acquired as part of business combination amounting to Rs. 2 crore at TSLP.

- c. Impairment of Mini Blast Furnace at Tata Steel Thailand ('TSTH') amounting to Rs. 11 crore.
- d. Net impairment charge of Rs. 12 crore on Inter Corporate Deposit (ICD) & investments in one of the associates at Tata Steel Limited (Standalone).

The exceptional items (Consolidated Accounts) in Financial Year 2021-22 primarily include:

- a. Restructuring and other provisions which includes charge on Employees Family Protection Scheme for COVID-19 amounting to Rs. 215 crore at Tata Steel Limited (Standalone), Tata Steel Downstream Products Limited ('TSDPL') and at Tata Steel Utilities and Infrastructure Limited ('TSUISL').
- b. Impairment charges (net of reversal) Rs. 172 crore in respect of property, plant and equipment (including capital work-in-progress), right-of-use assets and other assets primarily at TSE and TSTH.
- c. Provision for ESS amounting to Rs. 331 crore includes provisions made primarily under SBKY scheme amounting to Rs. 208 crore and Second Innings Scheme amounting to Rs. 123 crore, at Tata Steel Limited (Standalone).
- d. Impairment of Inter Corporate Deposits ('ICDs') given to an associate of the Company amounting to Rs. 100 crore at Tata Steel Limited (Standalone).
- e. Expenses incurred on stamp duty and registration fees for a portion of land parcels and mines acquired as part of business combination amounting to Rs. 27 crore at TSLP.
- f. Redundancy provisions at TSE amounting to Rs. 14 crore.
- g. Impairment on outstanding deferred consideration at TSE amounting to Rs. 81 crore.

Partly offset by,

- a. Profit on sale of subsidiaries and non-current investments in NatSteel Holdings Pte. Ltd. ('NSH') amounting to Rs. 725 crore.
- b. Reversal of fair valuation loss previously taken on investment in debentures of a joint venture of the Company amounting to Rs. 50 crore at Tata Steel Limited (Standalone).
- c. Gain on sale of land amounting to Rs. 31 crore at Tata Metaliks Limited ('TML').

1. Dividend Distribution Policy

In terms of Regulation 43A of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015, ('SEBI Listing Regulations') the Board of Directors of the Company (the 'Board') formulated and adopted the Dividend Distribution Policy (the 'Policy').

The Policy is available on our website at <https://www.tatasteel.com/media/6086/dividend-policy-final.pdf>

2. Dividend

For the Financial Year 2022-23, the Board has recommended a dividend of Rs. 3.60 per Ordinary (equity) Share of face value of Rs. 1/- each (previous year: Rs. 51/- per fully paid-up Ordinary (equity) Share of face value of Rs. 10/- each).

The Board has recommended dividend based on the parameters laid down in the Dividend Distribution Policy. The dividend will be paid out of the profits for the year.

The dividend on Ordinary (equity) Shares is subject to the approval of the Shareholders at the Annual General Meeting ('AGM') scheduled to be held on Wednesday, July 5, 2023 and will be paid on and from Monday, July 10, 2023.

Based on the number of Ordinary (equity) Shares as on the date of this report, the dividend, if approved would result in a cash outflow of ~Rs. 4,400 crore. The dividend on Ordinary (equity) Shares is 360% of the paid-up value of each share. The total dividend pay-out works out to 28% (previous year: 19%) of the net profit (on standalone basis).

Pursuant to the Finance Act, 2020, dividend income is taxable in the hands of the shareholders effective April 1, 2020 and the Company is required to deduct tax at source from dividend paid to the Members at prescribed rates as per the Income Tax Act, 1961.

The Register of Members and Share Transfer Books of the Company will remain closed from Friday, June 23, 2023 to Wednesday, July 5, 2023 (both days inclusive) for the purpose of payment of the dividend and AGM for the financial year ended March 31, 2023.

3. Transfer to Reserves

The Board of Directors has decided to retain the entire amount of profit for the Financial Year 2022-23 in the statement of profit and loss.

4. Capex and Liquidity

During the year under review, the Company, on a consolidated basis, spent Rs. 14,142 crore on capital projects across India and Europe, largely towards ongoing growth projects in India, essential sustenance and replacement schemes.

The Company's liquidity position, on a consolidated basis, is Rs. 28,688 crore as on March 31, 2023, comprising Rs. 17,083 crore in cash and cash equivalent and balance in undrawn credit lines.

5. Management Discussion and Analysis

The Management Discussion and Analysis as required in terms of the SEBI Listing Regulations forms part of this Integrated Report and Annual Accounts 2022-23 (Annexure 1).

B. Integrated Report and Business Responsibility and Sustainability Report

In keeping with the Company's valued tradition of thinking about society and not just the business, in 2016, we transitioned from compliance based reporting to governance based reporting by adopting the framework of the International Integrated Reporting Council (IIRC) (now consolidated into IFRS Foundation). Our 8th Integrated Report highlights the measures taken by the Company that contributes to long-term sustainability and value creation, while embracing different skills, continuous innovation, sustainable growth and a better quality of life.

In accordance with Regulation 34(2)(f) of the SEBI Listing Regulations, the Securities and Exchange Board of India ('SEBI'), in May 2021, introduced new sustainability related reporting requirements to be reported in the specific format of Business Responsibility and Sustainability Report ('BRSR'). BRSR is a notable departure from the existing Business Responsibility Report and a significant step towards giving platform to the companies to report the initiatives taken by them in areas of Environment, Social and Governance. Further, SEBI has mandated top 1,000 listed companies, based on market capitalisation, to transition to BRSR from FY2022-23 onwards. Accordingly, we are glad to present our inaugural BRSR for FY2022-23.

C. Operations and Performance

1. Tata Steel Group

During the year under review, the consolidated crude steel production for Tata Steel Group ('TSG') was 30.65 MnT as against 31.03 MnT of FY2021-22, a marginal decline of 1%. The production increased at Tata Steel Limited (Standalone) by 3%, to 18.97 MnT, (FY2021-22: 18.38 MnT), Tata Steel Europe ('TSE') produced 9.35 MnT, lower by 8% (FY2021-22: 10.11 MnT) as TSUK undertook a significant maintenance programme focused on its steelmaking assets in Port Talbot in order to improve operational stability along with weakening of market during the 2nd half of the financial year. Tata Steel Long Products (standalone) produced 0.71 MnT (FY2021-22: 0.68 MnT). Moreover, with the completion of the acquisition of Neelachal Ispat Nigam Limited ('NINL') during the year, the production further increased by 0.20 MnT. Production at

South-East Asia ('SEA') was 1.43 MnT (FY2021-22: 1.86 MnT) which was lower due to disposal of Singapore operations of NatSteel Holdings Pte. Ltd. ('NSH') during FY2021-22. The consolidated steel deliveries of TSG was at 28.79 MnT in FY2022-23 as against 29.52 MnT in FY2021-22, a marginal decrease of 2%, primarily at TSE due to weakening of market and at SEA.

The turnover of TSG at Rs. 2,43,353 crore was marginally lower over FY2021-22 by Rs. 606 crore. This was on account of decline in steel realisations across geographies except European operations, attributable to decrease in demand and implementation of export duty on steel in India during the year, along with lower steel deliveries by 0.73 MnT.

The EBITDA of TSG for FY2022-23 at Rs. 32,698 crore was lower over FY2021-22 by Rs. 31,132 crore (49%), primarily due to increase in input cost mainly in coking coal along with lower steel realisations in India.

2. India

During the year under review, the crude steel production in Tata Steel Limited increased by 3% to 18.97 MnT on account of better operational performance. During the year under review, total deliveries at Tata Steel Limited (Standalone) were at 18.22 MnT (previous year: 17.62 MnT). Turnover was Rs. 1,29,007 crore (previous year: Rs. 1,29,021 crore), which was at par against the previous year mainly due to higher deliveries, offset by decline in steel prices. EBITDA was at Rs. 28,175 crore (previous year: Rs. 51,456 crore), 45% lower than that of the previous year, primarily on account of higher raw material cost, mainly coking coal.

TSLP on a consolidated basis achieved crude steel production of 0.91 MnT, while deliveries stood at 0.82 MnT, both higher than previous year, due to acquisition of NINL during the year. The turnover at Rs. 8,992 crore was significantly higher on account of higher deliveries and higher prices. EBITDA was at negative Rs. 613 crore and loss after tax was at Rs. 2,304 crore. This was primarily on account of higher input cost, mainly coking coal prices along with expenditure incurred on revamping NINL which started production within 3 months of its acquisition. Increase in finance cost and depreciation and amortisation charge post NINL acquisition further impacted the profits.

Total deliveries of Tata Steel from its Indian operations (including TSLP) stood at 18.87 MnT which is higher than the previous year by 3%. The turnover was Rs. 1,37,030 crore, a marginal increase by ~1% against previous year and EBITDA (excluding inter-company eliminations and adjustments) was Rs. 27,561 crore, 48% decline over previous year, owing to sharp increase in operating cost due to increase in imported coking coal prices and decline in steel realisations, which was partly offset by, higher steel deliveries.

3. Europe

During the year under review, liquid steel production from European operations was 9.35 MnT (previous year: 10.11 MnT), a decrease of 8% against the previous year due to low demand from the market in the second half of the year following the general economic slowdown in Europe, although production was not as low as deliveries due to a build-up of inventory in TSN in order to support operations during an extended outage for the Blast Furnace 6 reline at the start of FY2023-24. Deliveries from European operations decreased by around 10% to 8.16 MnT primarily due to decline in demand. Turnover from operations was Rs. 90,300 crore (previous year: Rs. 90,023 crore) which was marginally higher than FY2021-22. However, in GBP terms, revenue increased by 5% due to improved average revenue per tonne which more than offset the lower deliveries.

EBITDA stood at Rs. 4,632 crore (previous year: Rs. 12,164 crore) which declined over the previous year. This reflected contrasting EBITDA performance between the first and second half of the year with the first half benefitting from exceptionally high selling prices resulting in record EBITDA performance. The second half however experienced a reduction in selling prices due to lower market demand following the economic slowdown in Europe although raw material and energy costs remained high which resulted in EBITDA losses.

D. Key Developments

1. Amalgamation

a) Amalgamation of Tata Steel Long Products Limited into and with Tata Steel Limited

The Board of Directors of the Company ('Board'), at its meeting held on September 22, 2022, approved the scheme of amalgamation of Tata Steel Long Products Limited ('TSLP') into and with the Company ('TSLP Scheme'). TSLP is the listed subsidiary of the Company. The Board has recommended a share exchange ratio of 67 fully paid-up equity shares of nominal value of Rs. 1/- each of the Company for every 10 fully paid-up equity shares of nominal value of Rs. 10/- each held by the public shareholders of TSLP. As part of the TSLP Scheme, the equity and preference shareholding of the Company in TSLP shall stand cancelled. The Company has received the 'observation letter' dated March 31, 2023

from the National Stock Exchange of India Limited and BSE Limited and has filed an application before the Hon'ble National Company Law Tribunal, Mumbai Bench for necessary directions. The amalgamation is subject to approval from the shareholders and other regulatory/governmental authorities.

b) Amalgamation of The Tinplate Company of India Limited into and with Tata Steel Limited

The Board, at its meeting held on September 22, 2022, approved the scheme of amalgamation of The Tinplate Company of India Limited ('TCIL') into and with the Company ('TCIL Scheme'). TCIL is the listed subsidiary of the Company. The Board has recommended a share exchange ratio of 33 fully paid-up equity shares of nominal value of Rs. 1/- each of the Company for every 10 fully paid-up equity shares of nominal value of Rs. 10/- each held by the public shareholders of TCIL. As part of the TCIL Scheme, the equity shareholding of the Company in TCIL shall stand cancelled. The Company has received the 'observation letter' dated March 31, 2023 from the National Stock Exchange of India Limited and BSE Limited and has filed an application before the Hon'ble National Company Law Tribunal, Mumbai Bench for necessary directions. The amalgamation is subject to approval from the shareholders and other regulatory/governmental authorities.

c) Amalgamation of Tata Metaliks Limited into and with Tata Steel Limited

The Board, at its meeting held on September 22, 2022, approved the scheme of amalgamation of Tata Metaliks Limited ('TML') into and with the Company ('TML Scheme'). TML is the listed subsidiary of the Company. The Board has recommended a share exchange ratio of 79 fully paid-up equity shares of nominal value of Rs. 1/- each of the Company for every 10 fully paid-up equity shares of nominal value of Rs. 10/- each held by the public shareholders of TML. As part of the TML Scheme, the equity shareholding of the Company in TML shall stand cancelled. The Company has received the 'observation letter' dated March 31, 2023 from the National Stock Exchange of India Limited and BSE Limited and has filed an application before the Hon'ble National Company Law Tribunal, Mumbai Bench for necessary directions. The amalgamation is subject to approval from the shareholders and other regulatory/ governmental authorities.

d) Amalgamation of TRF Limited into and with Tata Steel Limited

The Board, at its meeting held on September 22, 2022, approved the scheme of amalgamation of TRF Limited ('TRF') into and with the Company ('TRF Scheme'). TRF is the listed associate of the Company. The Board has recommended a share exchange ratio of 17 fully paid-up equity shares of nominal value of Rs. 1/- each of the Company for every 10 fully paid-up equity shares of nominal value of Rs. 10/- each held by the public shareholders of TRF. As part of the TRF Scheme, the equity and preference shareholding of the Company in TRF shall stand cancelled. The Company has received the 'observation letter' dated March 31, 2023 from the National Stock Exchange of India Limited and BSE Limited and has filed an application before the Hon'ble National Company Law Tribunal, Mumbai Bench for necessary directions. The amalgamation is subject to approval from the shareholders and other regulatory/governmental authorities.

e) Amalgamation of The Indian Steel & Wire Products Limited into and with Tata Steel Limited

The Board, at its meeting held on September 22, 2022, approved the scheme of amalgamation of The Indian Steel & Wire Products Limited ('ISWP') into and with the Company ('ISWP Scheme'). ISWP is an unlisted subsidiary of the Company. Upon the Scheme coming into effect, the shareholders of ISWP (except the Company) shall receive Rs. 426/- for every 1 fully paid-up equity share of nominal value of Rs. 10/- each of ISWP held by the shareholders of ISWP. As part of the ISWP Scheme, the equity shareholding of the Company in ISWP shall stand cancelled. The Company has received the 'observation letter' from the National Stock Exchange of India Limited and BSE Limited on March 24, 2023. The amalgamation is subject to approval from the shareholders and other regulatory/governmental authorities.

f) Amalgamation of Tata Steel Mining Limited into and with Tata Steel Limited

The Board, at its meeting held on September 22, 2022, approved the scheme of amalgamation of Tata Steel Mining Limited ('TSML') into and with the Company ('TSML Scheme'). TSML is a wholly-owned subsidiary of the Company and upon the TSML Scheme coming into effect, the entire paid-up share capital of TSML shall stand cancelled. The TSML Scheme is pending approval before the Hon'ble National Company Law Tribunal, Cuttack Bench. The amalgamation is also subject to approval from other regulatory/governmental authorities.

g) Amalgamation of S & T Mining Company Limited into and with Tata Steel Limited

The Board, at its meeting held on September 22, 2022, approved the scheme of amalgamation of S & T Mining Company Limited ('S&T Mining') into and with the Company ('S&T Scheme'). S&T Mining is a wholly-owned subsidiary of the Company and upon the S&T Scheme coming into effect, the entire paid-up share capital of S&T Mining shall stand cancelled. The S&T Scheme is pending approval before the Hon'ble National Company Law Tribunal, Kolkata Bench. The amalgamation is also subject to approval from other regulatory/governmental authorities.

h) Amalgamation of Angul Energy Limited into and with Tata Steel Limited

The Board of Directors of the Company, at its meeting held on February 6, 2023, approved the scheme of amalgamation of Angul Energy Limited ('AEL') into and with the Company ('AEL Scheme'). Upon the AEL Scheme coming into effect, the shareholders of AEL (except the Company) shall receive Rs. 1,045 for every 1 fully paid-up equity share of nominal value of Rs. 10/- each of AEL held by the shareholders of AEL. The Company has filed the application with the National Stock Exchange of India Limited and BSE Limited for necessary directions. The amalgamation is subject to approval of the shareholders and other regulatory/governmental approvals.

2. Acquisitions & Investments

a) Acquisition of Rohit Ferro-Tech Limited through Tata Steel Mining Limited, a wholly-owned subsidiary

On April 11, 2022, in terms of the approved Resolution Plan under the Corporate Insolvency Resolution Process ('CIRP') of the Insolvency and Bankruptcy Code 2016 ('Code'), the Company through Tata Steel Mining Limited ('TSML'), a wholly-owned subsidiary, completed the acquisition of 90% stake in Rohit Ferro-Tech Limited ('RFT').

On June 22, 2022, TSML acquired the remaining 10% equity stake of RFT held by the financial creditors for a consideration of ~Rs. 20.06 crore which was paid by TSML on June 14, 2022. Upon completion of the said acquisition, RFT became a wholly-owned subsidiary of TSML. Further, on July 7, 2022, RFT was amalgamated with TSML, pursuant to the order of the Hon'ble National Company Law Tribunal, Kolkata Bench dated April 7, 2022 approving the Resolution Plan submitted by TSML for acquisition of RFT.

b) Acquisition of Preference Shares of TRF Limited

On May 13, 2022, the Company acquired 1,30,00,000 - 11.25% Optionally Convertible Redeemable Preference Shares ('OCRPS') of face value Rs. 10/- each of TRF Limited ('TRF'), a listed associate of the Company, on a preferential basis aggregating to Rs. 13 crore. Further, on June 8, 2022 and March 1, 2023, the Company acquired 16,50,00,000 - 12.17% (effective yield) Non-cumulative, Non-convertible, Non-Participating, Redeemable Preference Shares ('NCRPS') and 7,40,00,000 - 12.17% (effective yield) NCRPS, respectively of face value Rs. 10/- each of TRF on a preferential basis aggregating to Rs. 165 crore and Rs. 74 crore, respectively.

The OCRPS and NCRPS have been acquired to assist TRF in repayment/prepayment of the whole or a part of its existing indebtedness (including financial and operational creditors), additional working capital requirements, payment against long-outstanding vendor dues, to seek their support towards material supplies for completing legacy projects and delivering other committed orders and/or for other general corporate purposes.

The voting rights of the Company as a preference shareholder of TRF will be as per the provisions of the Companies Act, 2013 read with the Articles of Association of TRF. Further, the equity stake of the Company in TRF remains at 34.11%.

c) Investment in Tata Steel Mining Limited

On June 14, 2022 and August 30, 2022, the Company acquired 1,04,75,196 equity shares and 2,81,98,433 equity shares, respectively of face value Rs. 10/- each of Tata Steel Mining Limited ('TSML') at a premium of Rs. 9.15 per share on a preferential basis aggregating to ~Rs. 20.06 crore and ~Rs. 54 crore, respectively. TSML continues to be a wholly-owned subsidiary post both the investments.

d) Acquisition of Neelachal Ispat Nigam Limited through Tata Steel Long Products Limited and investment in Neelachal Ispat Nigam Limited

On July 4, 2022, the Company through its listed subsidiary Tata Steel Long Products Limited ('TSLP'), completed the acquisition of 93.71% stake in Neelachal Ispat Nigam Limited ('NINL'). The acquisition was completed for an aggregate consideration of Rs. 12,100 crore as per the terms and conditions of the Share Sale and Purchase Agreement entered into by the Company in accordance with the process carried out by Department of Investment and Public Asset Management (DIPAM) and consequently, NINL became a step-down subsidiary of the Company.

During the year, the Company directly acquired equity shares aggregating to 5.24% in NINL by way of purchase of equity shares from minority shareholders and by acquiring additional equity shares issued by NINL on preferential basis. As on March 31, 2023, TSLP holds 92.68% and the Company holds 5.24% in NINL.

e) Investment in Tata Steel Downstream Products Limited

During the year under review, the Company acquired 7,11,743 equity shares of Rs. 10/- each at a premium of Rs. 130.50 per share, of Tata Steel Downstream Products Limited, a wholly-owned subsidiary of the Company, on a preferential basis for an amount aggregating to Rs. 10 crore.

f) Investment in Tata Steel Advanced Materials Limited

During the year under review, the Company acquired 4,26,93,207 (75.94%) equity shares of Tata Steel Advanced Materials Limited ('TSAML') from Tata Steel Downstream Products Limited, for an aggregate amount of Rs. 54.69 crore. Further, on March 23, 2022, the Company acquired the balance 1,35,29,959 (24.06%) shares held by Tata Steel Downstream Products Limited for an aggregate amount of Rs. 17.33 crore. Post the said acquisition, TSAML has become a direct wholly-owned subsidiary of the Company. The shares of TSAML are of face value of Rs. 10/-each and were acquired at a premium of Rs. 2.81 per share.

g) Investment in Tata Steel Utilities and Infrastructure Services Limited

On January 31, 2023 and March 23, 2023, the Company acquired 26,97,674 and 4,65,116 equity shares, respectively of face value Rs. 10/- each of Tata Steel Utilities and Infrastructure Services Limited ('TSUISL') at a premium of Rs. 205/- per share, on rights basis for an aggregate amount of approximately Rs. 68 crore. TSUISL continues to be a wholly-owned subsidiary of the Company.

3. Divestments

Divestment of partial stake in Rimal Mining LLC, Oman

On October 3, 2022, T S Global Holdings Pte. Ltd. ('TSGH'), an indirect wholly-owned subsidiary of the Company, set up in South-East Asia, concluded the divestment of its 19% equity stake in Al Rimal Mining LLC ('Al Rimal') to Oman National Investments Development Company ('Tanmia') pursuant to an agreement entered into between TSGH and Tanmia, thereby reducing its equity stake in Al Rimal from 70% to 51%.

4. Financing and Debt Redemption

a) Issue of Non-Convertible Debentures

During FY2022-23, the Company allotted the following Unsecured, Rated, Listed, Redeemable, Non-Convertible Debentures ('NCDs') to identified investors on a private placement basis:

No. of NCDs	Face value (Rs.)	Amount (Rs. crore)	Date of allotment	Coupon	Tenure	Date of Maturity
5,000	10,00,000	500	September 20, 2022	7.50% (Series 1)	5 years	September 20, 2027
15,000	10,00,000	1,500	September 20, 2022	7.76% (Series 2)	10 years	September 20, 2032
2,15,000	1,00,000	2,150	February 27, 2023	8.03%	5 years	February 25, 2028

The NCDs are listed on the wholesale debt market segment of BSE Limited.

b) Redemption of NCDs

The Company has redeemed the following NCDs on the relevant due date as per their respective terms of issue:

Amount (Rs. crore)	Date of allotment	Coupon	Date of Maturity
1,025	April 17, 2020	7.85%	April 17, 2023
510	April 22, 2020	7.85%	April 21, 2023
1,000	April 27, 2020	Floating Rate	April 27, 2023

500	April 30, 2020	Floating Rate	April 28, 2023
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c) Credit Rating

During the year under review, international rating agency, S&P Global Ratings reaffirmed Tata Steel's Corporate Family Rating at 'BBB-' and revised the Outlook to Positive from Stable. Further, Moody's also reaffirmed the rating to 'Ba1' and revised the Outlook to Positive from Stable due to the Company's track record of good operating performance and conservative financial policy.

During the year, the domestic rating agencies, India Ratings and CARE had reaffirmed Tata Steel's long term credit rating at AA+. India Ratings revised the outlook from Stable to Positive.

d) First and Final Call on Partly Paid-up Equity Shares

On February 9, 2021, the Board of Directors of the Company approved the making of the first and final call of Rs. 461/- (comprising Rs. 7.498 towards face value and Rs. 453.504 towards securities premium) per partly paid-up equity share ('First and Final Call') on 7,76,36,788 outstanding partly paid-up equity shares of face value Rs. 10/- each (paid-up: Rs. 2.504 per share), issued by the Company, on a Rights basis, pursuant to the Letter of Offer dated January 22, 2018. As on March 31, 2022, the Company had 2,23,288 partly paid-up equity shares of face value Rs. 10/-each (paid-up: Rs. 2.504 per share) on which the first and final call money remained unpaid.

On March 18, 2023, the Stakeholder Relationship Committee approved the conversion of 3,16,580 partly paid-up shares of face value of Rs. 1/- each (31,658 partly paid-up equity shares of face value of Rs. 10/- each on which Rs. 2.504 was paid-up).

5. Corporate Actions

a) Sub-division of Ordinary Shares of the Company

On May 3, 2022, the Board of Directors of the Company, considered and approved the proposal for sub-division of 1 (one) equity share of the Company having face value of Rs. 10/- each into 10 (Ten) equity shares of the Company having face value of Rs. 1/- each ('sub-division') and consequential amendments in the Capital Clause of the Memorandum of Association of the Company and Articles of Association of the Company, subject to the approval of the Shareholders of the Company and other necessary approvals. The said proposal was approved by the Shareholders of the Company at the Annual General Meeting held on June 28, 2022. The Record Date for the sub-division was set as July 29, 2022 and consequently, the face value of the equity shares of the Company (fully paid-up and partly paid-up) was sub-divided to Rs. 1/- each from Rs. 10/- each.

b) Forfeiture of shares

The Board of Directors, at their meeting held on March 27, 2023 considered and approved the forfeiture of 19,16,300 partly paid-up equity shares of face value Rs. 1/-each (prior to sub-division 1,91,630 partly paid-up equity shares of face value of Rs. 10/- each and paid-up Rs. 2.504 per share) on which the first and final call money was not paid.

6. Operations

MoU with Punjab Government to set up a steel scrap based electric arc furnace steel plant

On August 26, 2022, the Company signed a Memorandum of Understanding (MoU) with the Government of Punjab for setting up a 0.75 MnTPA long products steel plant with a scrap-based electric arc furnace ('EAF'). This greenfield facility will be set up at Kadiana Khurd, Hitech Valley, Ludhiana in Punjab.

The state-of-the-art EAF-based steel plant would produce construction grade steel rebar under the Company's flagship retail brand 'Tata Tiscon', which would enable Tata Steel to further augment its market presence in the construction segment.

This is a part of the Company's commitment to investing in a circular economy and transitioning to low-carbon steelmaking through the steel recycling route. It is a step aligned to the Company's goal of achieving Net Zero carbon emission by 2045.

E. Sustainability

Tata Steel is committed to sustainability and the environment. In alignment with Tata group sustainability initiative, Project Aalingana, the Company is committed to achieving Net Zero emissions by 2045 and is working on a decarbonisation road map that combines short, medium, and long-term goals.

Tata Steel's philosophy of steel production is deep rooted on the principles of zero harm, resource efficiency, circular economy, minimising ecological footprint and care for community & workforce. The Company has adopted the United Nations Sustainable Development Goals ('UN SDGs') and linked it with its long-term strategy and has revised its sustainability targets. The Company's strategy is to significantly reduce carbon emissions, minimise fresh water intake, become leader in nature based solutions, and include critical supply chain partners for Company's ESG risk assessment.

The Company takes it as its inherent responsibility to protect the rights of its stakeholders. The Company has adopted the Business and Human Rights Policy. The Policy is in consonance with the Universal Declaration of Human Rights, the UN Principles on Business and Human Rights, and the International Labour Organization Convention and Indian laws.

Tata Steel had identified supply chain sustainability as a key material issue and in order to take this forward, the Company had adopted the Tata Steel Responsible Supply Chain Policy. During the year under review, the Company took initiatives in deployment of the Policy through various communication channels, including a framework for shared growth between its suppliers and distributors for a sustainable supply chain.

The Company continues to be committed to serve its customers through a portfolio of products and disclosure of the environmental impact of its products by using the Life Cycle Assessment ('LCA') methodology. To accelerate its efforts in becoming a leader in product sustainability, Tata Steel strives to use LCA tool effectively in its products. During the year under review, the Company has undertaken LCA studies based on worldsteel LCA methodology guided by ISO 14040 and ISO 14044. Aligning with the goal to cover all steelmaking and downstream sites under LCA, this year we have completed the LCA study for downstream facilities at TSM Khopoli, TSM Sahibabad and CRC West covering a total of 8 different product categories. In FY2022-23, Tata Steel published its first Environment Product Declaration (EPD) for Steel Rebar for facilities in Jamshedpur Works as well as other manufacturing SPC followed by EPD for Steel structural hollow section under the brand Tata Structura manufactured at Tata Steel Tubes division along with other different production units and EPD for Steel Hot Rolled Coil covering all manufacturing locations across Jamshedpur, Kalinganagar and Meramandali. Also, Tata Ezyfit, which is a brand of innovative tubes for windows & door frame section received GreenPro certification. We have also carried out a LCA study for one of our Fibre Reinforced Polymer (FRP) product to understand its life cycle environmental impact. In alignment to the Company's sustainability strategy, it aspires to obtain eco-labels (GreenPro and Environment Product Declaration) for its key products and proactively respond to its customers who seek product related sustainability information. In Europe, the Company has published Environmental Product Declarations with entire product range of the European operations certified with BES 6001 sustainable sourcing standard.

Further, towards sustainability, Tata Steel is supporting Task Force on Nature Related Disclosures in developing a risk management and disclosure framework to factor nature-related risks and opportunities while making financial and business decisions.

The Company continues to integrate Biodiversity within its business ecosystem. Towards this, the Company has aligned its actions with the National and International Biodiversity Targets and the Sustainable Development Goals. To augment the Company's efforts in Biodiversity conservation, Tata Steel has constituted Centre of Excellence for Biodiversity Management to strategically formulate and implement Biodiversity Management Plans ('BMPs') across locations. As on March 31, 2023, the Company has implemented BMPs across 15 locations in India.

Across Europe, there is a growing recognition that steelmakers need government support to decarbonise. Steelmakers and governments in a number of countries are working together to develop their decarbonisation plans, with such discussions covering selection of suitable technologies, access to abundant green energy supplies and infrastructure at a competitive price, possible fiscal support from the national Governments, and the need to create a competitive regulatory environment. Tata Steel has been involved in detailed engagement with the Dutch, UK and Welsh Governments on these complex themes.

Tata Steel Nederland and the Dutch government signed an Expression of Principles in FY2022-23 to transition to low CO₂ steelmaking, with an ambition to reduce CO₂ emission by 5 MnT by 2030.

1. Environment

Being a responsible corporate citizen, Tata Steel continues to strive for environmental sustainability across operations. To achieve this, the Company has taken necessary initiatives for environmental protection and addressing environmental concerns associated with its operations and supply chain. The Safety, Health & Environment Committee of the Board provides oversight and necessary guidance on safety, health and environmental matters. The Company has dedicated Environment Management teams at its key operating locations, globally. As part of responsible advocacy, the Company syndicates its stance with key stakeholders on environmental policy matters including regulatory issues and actively participates in various national and international forums on diverse environmental issues.

Guided by our Code of Conduct and internal corporate policies, the Company endeavours to set steel industry benchmark in environmental performance. With the strategic objective of 'Leadership in Sustainability', Tata Steel has achieved significant reduction in its environment footprint over the years through its commitment of being a responsible stakeholder in the community. The Company has taken several initiatives in areas of resource conservation, pollution control and waste management, amongst others. Tata Steel has adopted environment friendly processes, best available technologies, real-time monitoring systems and has IT enabled real-time dashboards to facilitate environmentally-friendly operational control. The Company has digitised the systems of real-time monitoring of environmental parameters to faster identify probable environmental impacts of its operations in order to undertake mitigating actions to control environmental pollution. Tata Steel maintains transparency of its environmental performance through various disclosures to stakeholders from time to time. During the year under review, Tata Steel has taken initiatives to retain its Indian benchmark position in stack dust emissions and fresh-water intake.

During the year, Tata Steel in Netherlands accelerated the measures under the Roadmap+ programme by implementing measures to reduce dust, noise, odour and other emissions. In April 2022, the Company commissioned several new slag pits with a mobile covering to reduce dust, which is expected to reduce dust emissions by approximately 80%. Tata Steel is also building windbreaker screens of around 18 metres height and around a kilometre length around the raw material storage facilities, thereby reducing wind speeds and the associated dust dispersal.

Tata Steel is also constructing a dedusting plant at its IJmuiden Pellet Plant, which is expected to be completed in 2023. The dedusting plant is expected to reduce emissions of lead by 70%, alongside reduction in dust.

2. Climate Change

Climate change is one of the most pressing issue the world faces today and the Company recognises its obligation to work towards mitigation of climate change related risks and strives to reduce its carbon footprint especially of steelmaking facilities across all geographies. The Company is committed to be aligned with national commitments on climate change in geographies we operate in.

The Company is signatory to the Task Force on Climate-related Financial Disclosures ('TCFD') and has identified transition risks and opportunities. Specific mitigation and contingency plans for each of the identified risks have been integrated within the Company's long-term strategy.

Tata Steel is collaborating with wide range of organisations in developing the ecosystem to mitigate climate change transition risk. To move closer towards lower carbon route, the Company is working towards natural gas based DRI kiln and be future-ready in use of hydrogen by replacing natural gas. The Company continues to work towards integrating hydrogen gas in iron making processes as a non-fossil fuel and reductant. It is aligned with Tata Group's aspiration to achieve Net Zero by 2045.

In India, the Company has:

- reduced its carbon footprint by improving resource efficiency through adoption of best available technologies & good practices and strives to reduce CO2 emission intensity significantly with intermedial goals for 2030;
- identified physical risks present at steel plant sites of operation and is developing mitigation strategies for the same;
- collaborations with various academia, startups and other reputed organisations to work towards decarbonisation with an aspiration to emerge as a business leader across the hydrogen and CCU value chains.

During the year under review, Tata Steel has taken initiatives to retain its global benchmark positions in CO2 intensity of IJmuiden Plant in Netherlands and Jamshedpur Steel Works in India amongst Blast Furnace-Basic Oxygen Furnace (BF-BOF) based steelmaking facilities. Enhancing use of recycled scraps in steelmaking, renewables in electricity mix, energy efficiency of production processes and multiple improvement initiatives across value chain have enabled this improvement.

Tata Steel has undertaken a detailed and systematic assessment of Physical and Transition risks in a Climate Risk assessment focusing on its key steelmaking sites in India, the Netherlands and the UK. The assessment was conducted by an independent third-party advisor and was fully aligned with the recommendations of the Taskforce on Climate Related Financial Disclosures. The outcome of the risk assessment has been incorporated in the Climate Action Report included in the Integrated Report.

3. Health and Safety

The Company is deeply committed to prioritising Health and Safety Management and achieving Zero Harm. In order to accomplish this, the Company is pursuing six strategies, which include building safety leadership capabilities at all levels, reinforcing contractor safety management standards to ensure zero harm to contract employees, improving the competency and capability to identify hazards and manage risks, enhancing road and rail safety throughout the Company, striving for achieving excellence in process safety management, and establishing industrial hygiene alongwith improving occupational health.

During the year under review, the Company undertook several initiatives, including the establishment of a Practical Safety Training Centre in Jamshedpur. This initiative exemplifies the Company's commitment to improve risk perception of the workforce by imparting hands-on training on different modules and leveraging advanced technologies to visualise potential hazards through virtual reality scenarios. Additionally, the Company has introduced a Behavioral Safety Theme Park, which serves as a forum for promoting learning through interactive discussions and fostering a cross-learning culture.

The Company has also made efforts to alleviate congestion of heavy vehicles on the road by constructing a new transport park at Meramandali, capable of accommodating 110 trailers/trucks, complete with amenities such as restrooms and canteens for heavy vehicle drivers. Furthermore, to reduce the risks posed by the simultaneous movement of heavy vehicles and two-wheelers on the road, two-wheeler entry has been restricted at Tata Steel Meramandali (TSM) and Tata Steel Kalinganagar (TSK). A segregated timing has been implemented at Tata Steel Jamshedpur (TSJ) to regulate the movement of two-wheeler and heavy vehicle and prevent their simultaneous movements.

With a view to promote a positive safety culture throughout the organisation, the Company had organised the Safety, Health, and Environment Reward & Recognition Function for the third time. This programme aims to recognise and reward employees and departments for their remarkable contributions towards maintaining the safety standards and drive the positive safety culture at all levels within the organisation. The benefits of this programme have also been extended to cover vendor partners and non-officers.

The safety of contractors has continuously been a primary focus for the Company and the organisation has made considerable efforts to enhance the safety competency of its workforce by training them on simplified safety standards through e-modules and providing them safety training at Safety Leadership Development Centre at Jamshedpur. Contractor Safety Management System (CSMS) is being deployed in all stockyards and Steel Processing Centers (SPCs) of Tata Steel India.

The implementation of the Centre of Excellence (CoE) methodology for Process Safety has gained traction, leading to improved process safety competencies among employees. At present, the CoE-driven process safety initiative has been rolled out in most of the high hazard departments at TSJ, TSM & TSLP. With an endeavor to create a safer, more resilient, and sustainable organisation, identification of the top five safety risks across all departments of the Company was done and implementation of strategic risk mitigation plan is in progress. The Company also organised advance level training programme on Process Safety which was conducted by National Examination Board in Occupational Safety and Health ('NEBOSH') certified experts.

The Company has been working towards Occupational Health, and has implemented a comprehensive Industrial Hygiene programme which includes identification of occupational health hazards, risk analysis, and assessment of actual exposure through hazard quantification. The programme also focusses on implementation of hazard control measures to maintain minimum exposure level and to reduce occupational health related risks. During the year under review, over 500 awareness sessions on 'Health & Wellbeing' have been organised across Tata Steel India for the employees and contract employees. Further, the Company has been recognised for 'Wellness at Workplace' by World Steel Association in Safety & Health Excellence Recognition Programme 2022.

Fatality of contract employees has been the topmost safety concern for the Company. It is with deep regret that Tata Steel Limited reports four (4) fatalities during the year under review. The Company launched hazard specific Safety campaigns viz. 'Slip/Trip/Fall', 'Hands are not Tools', 'Road Safety', etc. across locations to address gaps and improve safety awareness. Lost Time Injuries (LTIs) at Tata Steel (India & South-East Asia) have reduced by 16% from the previous year.

At Tata Steel Europe, Health and Safety continues to be of utmost priority. It is with deep regret that Tata Steel UK reports one (1) fatality during the year under review. Both at TSN and TSUK, an integrated health and safety management system ensures a consistent approach to health and safety throughout the organisation. The Health and Safety Management System follows the Plan, Do, Check, Act management model, which is a process of continuous improvement.

4. Research and Development

The Company has embarked on a journey for technology leadership and has made significant progress on several fronts in Research and Development ('R&D'). Working on the theme of 'Value from waste', the R&D team has developed a novel technology to produce synthetic anode material from coal tar, which is a by-product of steel. This material exhibits higher specific capacity compared to commercially available anode materials. Further, a process has also been developed to use low grade manganese ore for the synthesis of lithium manganese oxide for cathode application. The said anode and cathode materials have been demonstrated in 48V and 20Ah battery packs. The Company has successfully demonstrated a solid state thermo-electric generator ('TEG') to harness green electricity of 1 kW/hr from low grade waste heat of ammoniacal liquor at TSK.

Tata Steel has been working towards digitisation and key highlight in this regard is the development of a first principle-based model by exploiting of advance analytics & modelling tools. The model has been implemented on Integrated Computational Materials Engineering ('ICME') framework to assist new product development related to Advanced High Strength Steels. The model can predict microstructure as well as mechanical properties along the length of the rolled coils and further enable flexible control of the run-out-table at the Hot Strip Mill.

The R&D team has had some noteworthy new product development projects which include cryogenic treated bearings for automotive segments which can extend life of bearings by at least two-folds, high-strength steels with high stretch flangeability, and successful trial production of API X65 sour for H2 transport application.

The Company has also been working towards achieving cost competitiveness through increasing efficiency of the existing processes. These include implementing of a newly designed hydrocyclone at Noamundi and Khondbond Wet plant which has improved the yield of the hydrocyclone plant up to 12%. The Company has deployed Super Absorbent Polymer ('SAP') in blast furnaces which resulted in reduction of moisture in coke by 2-3%. Further, the Company has successfully installed a Microbolometer at 'F' blast furnace which has resulted in coke rate reduction of ~30kg/thm.

The Company has been engaging with leading academic institutes in India and across the world to build strong industry-academia partnership for creating strategic advantages for the Company. During the year under review, the Company has set up a Centre for Innovation in Mobility ('CIM') at IIT Madras Research Park and an Innovation Centre on Mining and Mineral Research at the Indian Institute of Technology (Indian School of Mines), Dhanbad.

The Company's focus on Intellectual Property creation has further intensified, and during the FY2022-23, Tata Steel has filed over 130 new patent applications, which is highest ever number by the organisation in any given financial year. A number of these patent applications have been harvested from the collaborative projects with academia and research institutes.

In UK, the R&D work was focussed on five major themes – (a) Digitalisation (b) Future of Mobility (c) Sustainability (d) Innovations in Packaging and (e) Collaborative Research with the UK Innovation Ecosystem.

The TSUK R&D is actively engaged in using data analytics and process simulation technologies to improve plant processes. The Company has successfully implemented the intervention of Monitoring and Assessment of the Run Out Table Banks in the Hot Strip Mill at Port Talbot and development of Through Process Record ('TPR') sets that track the production history of the products that the user is interested in and collects process data from each of the manufacturing processes along the product route. This methodology has been utilised to investigate and monitor datasets on projects such as surface defects in Surahammar, caster laminations, mechanical properties of DP800 and DP800GI products, full finish through process yield, coil weights in Shotton, body strength test data of tubes, among others.

The Company has developed a material database, Aurora Online which is a type of computer modelling design to check manufacturability and crash performance before any physical prototyping or tool manufacture. This has been recognised by users as industry leading because of the accuracy of its data and associated expertise. The R&D continues to engage closely with its global automotive customers through Value Analysis Value Engineering ('VAVE') and Early Vendor Involvement ('EVIs') programmes which help the Company to strengthen the position of new grades of its steel products in comparison to competitive products e.g. Aluminium.

With a view to make its functioning sustainable, the Company is presently looking into new bio-based or inorganic insulation materials as well as recycling options for existing Poly Iso Cyanurate ('PIR') based composite panels. Further, in the UK Colors Business, sustainable plastisol carbon products are being developed that can reduce the carbon emissions by one third. The use of curing technologies such as ultra-violet and electron beam curing are also being explored instead of traditional technologies which will allow for 33% of carbon emission reduction.

Tata Steel produces over 400 KT coated products at its Packaging plant in Trostre. The R&D at UK are currently establishing a new 'can' end production facility to support Trostre. Further, in order to increase the capability, R&D is collaborating with the University of Warwick, to produce a full set of tools to manufacture Easy Open End ('EOE') can lids. This will allow R&D to run trials on the various coatings, grades and gauges for commissioning and enable Tata Steel to remain competitive in the market.

The UK Research & Innovation ('UKRI') Council funds projects that can demonstrate models and prototypes at a pre-commercial stage. Within this framework, the UK operations of the Company has been successful in applying and winning grants to work on future ready materials and technologies. The notable ones being novel coating technologies enabling 'wet on wet' paint coating of steel strips, new steel grades for next generation of electric vehicles and bi-steel electric motor core.

In Netherlands, the Company has progressed in its product developments by introducing a total of 10 new products which include formable grades for packaging, engineering grades (e.g. line pipe but also Hyperloop), and the expansion of the range for Serica FLOTM. Further, there has

also been an initiative for various process improvements like the introduction of a new run-out table cooling control in the Hot Strip Mill ('STORM'), a major step and part of the whole investment in the HSM to expand its capacity, and the implementation of High Turbulence roll cooling in HSM2, which allows a better cooling at significantly lower energy consumption.

Further, R&D has been vital in getting many potential new products to reach higher level of Technology Readiness throughout the year and supported the customer interactions on a technical level. R&D continues to help the Company in its operations at Netherlands and its customers in its drive to become more sustainable and more environment friendly. Within R&D, work continues on HIsarna project as a novel and more flexible reduction technology for iron production, but also a special programme on decarbonisation is now in full swing. This programme especially addresses the aspects of the new DRI based production route and will support the shorter term preparations for the investments as well as the longer term optimisation of the use of these installation. During the year under review, the focus of R&D has also been on the 'data driven steel' programme, that links to the Advanced Analytics expertise in technical and develops data-intense through-process solutions.

5. New Product Development

In line with the Company's vision to become the best-in-class manufacturer and preferred choice of steel mill in the domain of presence, Tata Steel has continued its focus on new product development. During the year under review, the Company developed 68 new products in India.

In the Hot Rolled Flat Products of high strength automotive grades, the Company has successfully developed the AHSS-HS900 for bulk trailer application which has resulted in a weight reduction of 20% by usage of thinner and stronger HS900 replacing the low strength thicker grade. AHSS-HS900 has demonstrated light weighting and higher payload capability. Further, the development of JSH590B with 100% Hole Expansion Ratio ('HER') for control arm application is another promising development over existing grades with 75% HER. On hot-rolled automotive segment, TSM-Meramandali has successfully developed E46 for long member application and YST38 for wheel disc application in heavy commercial vehicles along with SAPH 370 and Grade-CF for car wheel application. Development of ASTM Gr-50-Type-1 for PEB application from TSM further strengthens the supply chain.

In the Oil and Gas segment, the Company has successfully completed the trial production and ERW pipe making of X42Sour and X60Sour with Hydrogen Induced Cracking ('HIC'), Sulphide Stress Cracking ('SSC') and Stringent (80% Actual Yield Strength i.e. AYS) Stress-Oriented Hydrogen Induced Cracking ('SOHIC') guarantee. API X65Hydrogen for 100% gaseous hydrogen transport has been cast and rolled under trial production route. 16 inches ERW pipes have been made from the coils produced with stringent guarantee on impact toughness, drop weight tear test and fracture toughness at -29°C, HIC, SSC and SOHIC. In Lifting & Excavation ('L&E') and Engineering segment, the Company has developed S700MC for telescopic boom arm application for one of its customers and S355MC with impact toughness guarantee at -48°C for arctic region transformer cover application, which constitute other significant developments leading towards import substitution.

In the Cold Rolled and Coated Products Technology, the Company has secured approvals from two-wheeler manufacturers for Chromium-free secondary coated Galvannealed fuel tanks of Bharat Stage VI (BS-VI) compliant two-wheelers. Through these approvals, the Company has demonstrated its continuing commitment to environment by partnering with customers and enabling implementation of critical BS-VI technology in two-wheelers. These approvals are also a major milestone in Company's intent to make its secondary coatings Cr-free. In CRCA products, development of HSLA340 for tube application using a leaner chemistry, and IFHS390 for automotive panel application are worth mentioning. IFHS390 from Development of 0.65-Si, Cold Rolled Non-Grain Oriented (CRNO) steel for electrical motor application is another significant development.

In the long products segment, the Company has developed high strength, high ductility 6mm air cooled rebars with superior weld shear strength for welded wire mesh which will help in expediting construction process. Further, the Grade Fe 550D Corrosion Resistant Steel Rebar was developed to cater to the requirement of high strength corrosion resistant rebar. These are first in India products. Addressing the customer requirement of high-speed direct drawing wire rod grade, the Company has developed HC58A wire rod which could be drawn at 10m/s to fine wire. Further, Grade HC78BX wire rod was developed with lower level of decarb and surface defect for rope application.

In Tata Steel UK, 12 new products were launched during the year. These launches cover a wide range of high value products and end applications for automotive, engineering, renewables and construction markets for both the UK and export opportunities. During the year under review, the Company launched new of-site manufactured construction solutions with Catnic Matrix and Trimawall Fast-Fit. These enable quicker, safer and standardised onsite construction. In the renewables sector, the Company launched Magizinc® for Solar S450 product which has 25 years guarantee. Additionally, the Company's Hot Rolled Dry specifications which were certified to ASTM standards, to enable the products to be used across the NAFTA region for export.

In Netherlands, the Company has launched 10 new products across the Automotive, Engineering, Packaging and Construction end-markets in the FY2022-23. In the Automotive segment, the Company launched the DP600-GI Hyperform product, which offers improved forming capabilities resulting in weight saving and yield improvement for Original Equipment Manufacturer ('OEMs'). Further, the launch of C45 medium carbon grade has led to further diversification of the portfolio for roller customers.

The agriculture sector is served by 27MnCrB5, a new product which is used to produce harrow discs which results in a wider range of products of the Company. The Company also launched 3 products in the packaging sector which included variants of TS245 to cater to the high-end

packaging market. Building systems launched Montana R12 Montaline®, which offers wide widths for smooth façade panels for application in commercial buildings in the German, Swiss and Dutch markets.

6. Customer Relationship

During the year under review, the Company focused on strengthening its relationship with customers in line with the theme for the year 'Vision Next' – strive to own the future. Despite the global headwinds, the Company remained steadfast in its belief that customer focus can lead to superior performance. Various initiatives and activities were undertaken to elevate the customer experience. The digital initiatives and platforms served as a major backbone in achieving a new customer base, enabling more customer centric engagements, and easing the order flow.

The Company continued its efforts to enhance its relationship with B2B automotive OEMs and their large value chain partners. Considering the changing business requirements and to serve the customers better, the Company focused on the fast growth of the Light Commercial Vehicle segment, technical services offerings such as Vehicle Teardown and Benchmarking Services, Early Vendor Involvements (EVIs) on upcoming models amongst others and broadening supply chain capabilities through new processing partners. Further, the Company's flagship initiative for weight and cost reduction - VAVE (Value Analysis & Value Engineering) and supply chain visibility through COMPASS platform, has enhanced value driven engagements with customers.

In servicing B2B non-automotive segment (IPPE - Industrial Products, Projects and Exports), the Company entered into a MoU with one of the key players in Oil and Gas Sector for development of hot rolled steel for green hydrogen pipeline. The Customer Service Teams (CST) with key customer accounts continued to play a pivotal role in re-enforcing and nurturing the relationship with the Company. VAVE initiatives for L&E segment also helped in customer value creation. As a part of the digital initiatives, the Company has increased the onboarding of customers on the COMPASS platform covering ~67% of sales while continuing to add new customised features, improving the User Interface / User Experience, introducing mobile tracking, mobile application amongst others. The Company has also collaborated with various academia and industry bodies to increase the usage of Flat products in the construction segment in India. Knowledge summit 'Wired2Win+' for Wire Rod customers was relaunched for enhancing customer connect through networking and cross market knowledge sharing. In partnership with our overseas customers, first ever Electronic B/L for imports into Turkey was pioneered.

The MSME Sector is the largest employment in the country and the Company attaches a lot of significance and value in serving them well. In order to address the requirements of the MSMEs, the Company offers branded products which are uniquely positioned to meet their application needs. The Company reaches out to its MSME customers through an elaborate All India distribution network. The Company has undertaken multiple engagement initiatives in a phygital manner on the ECAfez Qualithon platform. Some key offline initiatives include, customised microsegment meets like 'Ducticon' (for ducting & HVAC customers) & 'Panorama' (for panel customers) which were conducted along with industry associations, knowledge exchange & capability building initiative, 'insIITE', was held in collaboration with IIT Bombay and multiple ECA Connects were held across the country to capture key market trends, resolve customers' shop floor issues and strengthen customer relationship. Online initiatives like Skilling India, Tech Talk and Safety First have helped in improving the knowledge base of customers by connecting more than 500 ECA customers online.

The construction landscape in India is evolving rapidly and is becoming more challenging. To address the growing needs in this sector, the Company has been working towards designing customised solutions as against conventional methods thereby generating value in the form of savings in time, cost and manpower for its long products customers. Platforms like 'Building Bonds' and 'Converse to Construct' have helped to facilitate the interactions of Channel Partner end-customers and influencers respectively with the senior leadership of the Company. During the year under review, 4 Building Bonds and 8 Converse to Construct events were organised. Similarly, across 4 'Igni8: The Spark', monthly webinar sessions, success stories of Channel Partners and segment specific knowledge was shared in collaboration with Academia and Industry experts.

Tata Steel brand offerings (Tata Tiscon, Tata Shaktee, Tata Kosh) to the retail consumers have attained respect and recognition by virtue of the quality and the value that they have delivered and continue to deliver.

During FY2022-23, Tata Tiscon through the Individual House Builder (IHB rebar brand) enabled over 6 lakh consumers to build their dream home. Under the Golden Home Consumer (having purchase volume > 3T) initiative, the brand connected with over 26,000 consumers. Further, over 500 'Ask Experts' camps were conducted across the country, with an aim to provide guidance in home construction to IHBs. 'Stories of Joy' – a consumer testimonial series was also curated with over 30 stories released during the year to capture the home building journey of consumers across the country.

The Company's flagship galvanised brands, Tata Shaktee & Tata Kosh organised the 3rd edition of Nexplyre, the Annual Dealer Meet where the Company engaged with the top 250 dealers & fabricators. As part of Farmers Day celebrations, 22,000 farmers (consumers) were connected directly through Kissan Diwas Meets which was flanked by an ATL (Above the line) campaign, reaching out to 74 million people. Through 'Gaon Gaon Shaktee ki Chaon' a rural consumer van activation campaign, 51,000 prospective consumers were directly reached out on a daily basis. In addition to this, through the ongoing fabricator meets, Dealer Meets, Sub-Dealer Meets and Consumer Meets nearly 15,000 fabricators, 8,000 dealers, 600 sub-dealers and 1 lakh consumers were connected directly and further reaching out to 84 lakh people through various social media platforms.

Company's two solutions offering – Tata Pravesh (Steel doors and windows) and Nest-In (smart steel based modular construction solution) have consolidated their position as numero uno in a very competitive market. During the year under review, Tata Pravesh became the number 1 brand in doors and fenestration industry by volume of sales. The brand also continued to render superior and uniform customer experience through augmented IT infrastructure and best in class industry practices through Authorised Service Centre – SmartCare, increasing the presence to 14 numbers from the 1st year baseline of 7 numbers. During the year under review, Tata Pravesh achieved NPS Score of 60%. Additionally, Tata Pravesh expanded its Privileged Dealer (PDP) network to 470 outlets.

Nest-In has implemented Sales Force Dot Com (SFDC) - a Customer Relationship Management (CRM) for end-to-end monitoring, control and a 360-degree customer view. A QR Code based authentication was also implemented for assurance of genuine products to customers. The B2C segment of Nest-In has upgraded to delivering luxurious and premium Nestudio. It has brought real-life experiences to the customers using AR-VR (Augmented Reality - Virtual Reality) for key solutions, offering a 360-degree view of select Nest-In projects.

In UK, the Company continues to expand its connection and engagement with the customer base both within the UK market and overseas. TSUK focused communication attention to key industrial events in the UK, such as the Resource & Waste Management Exhibition, showcasing Company's construction offering at the 'Grand Designs Live' exhibition and leading the support of the 'UK Metals Expo' at the NEC in Birmingham, the first year for this event bringing together manufacturers and value change companies in the metals industry. At the UK Metals Expo, the Company announced its plan to pursue signing up to the Science Based Targets Initiative (SBTi) and the pursuit of Port Talbot site accreditation to ResponsibleSteelTM.

Business development activities of the UK business led to a diverse range of successes across the global market. The Company secured constructional steelwork for the forthcoming Guggenheim Museum in Abu Dhabi. In the home market, sale of highly differentiated products received global exposure at the Commonwealth Games where several specialised products were used to construct a number of the showcase stadiums. Noticeable success was achieved through the TSUK e-commerce portal, Nexus, which launched to customers in the Engineering, Automotive and General Sales sectors. TSUK won the prestigious Steelie award for the Life Cycle Assessment tool which was developed to work with the customer to demonstrate the life cycle benefit of steel in customer applications.

In the Netherlands, the Company maintains its differentiation strategy, which aims to increase the proportion of high margin differentiated products. As part of the strategy, the Company has launched various new products in Europe during the year. These launches include major developments for the engineering, automotive, packaging, and construction markets. In the digital area, the Company has been navigating its competitive commercial landscape and recently set a new direction to bolster the commercial strategy, harnessing digital technologies in a way to create intelligent service solutions and products. The Company's platforms - Nexus and Arisings, continue to offer customers an e-Commerce platform to sales and order management.

In Europe, the Company is developing new green steel solutions and strives to build and maintain partnerships with its customers to create value through sustainable steel production and responsible supply throughout the entire value chain, tailoring offers that allow excellence in the client markets. In the Netherlands and UK, the first low CO2 steel products were launched offering the market a Scope 3 emissions reduction, using a mass balanced approach through the carbon in-setting scheme called Carbon Lite. Tata Steel has committed to reinvest all revenues from Carbon Lite certificates to further drive the de-carbonisation journeys of Zeremis for Tata Steel Netherlands and Optemis for Tata Steel UK.

7. Corporate Social Responsibility

The objective of the Company's Corporate Social Responsibility ('CSR') initiatives is to improve the quality of life of communities through long-term value creation for all stakeholders. The Company's CSR policy provides guidelines to conduct CSR activities of the Company. The salient features of the Policy forms part of the Annual Report on CSR activities annexed to the Board's Report. The CSR policy is available on the website of the Company at <https://www.tatasteel.com/media/11804/tata-steel-csr-policy-latest-2019.pdf>

For decades, the Company has pioneered various CSR initiatives. The Company continues to address societal challenges through societal development programmes and remains focused on improving the quality of life. During the year under review, the Company has impacted the lives of over 3.15 million people from the most vulnerable sections of society, including initiating a large-scale national programme in response to the COVID-19 pandemic. The Company implements its CSR programmes primarily through the Tata Steel Foundation, which works in close collaboration with public systems and partners. Through its CSR, the Company envisions an enlightened, equitable society in which every individual realises her/his potential with dignity through work with tribal and excluded communities to co-create transformative, efficient and lasting solutions to their development challenges.

Through large-scale, proven Signature Theme Models of change, the Company addresses core development gaps in India, while being replicable at global platform. These include programmes on maternal and child mortalities, access to school and learning enrichment for rural children, pan-India focus on key aspects of tribal identity, and comprehensive development through empowerment of panchayats between the manufacturing locations at Jamshedpur and Kalinganagar.

The Company also fosters Regional Change Models enabling lasting betterment in the well-being of communities, prioritising those who are excluded and proximate to its operating areas. The Company undertakes its CSR Programmes in areas of health, nutrition, water, education,

livelihoods, infrastructure, sports, disabilities, grassroots governance and empowering the voice of women within communities.

During the year under review, the Company spent Rs. 480.62 crore on CSR activities. The Annual Report on CSR activities, in terms of Section 135 of the Companies Act, 2013 and the Rules framed thereunder, is annexed to this Report (Annexure 2).

In the UK, the Company strives to enrich its local communities and contribute to their future economic and social wellbeing. Its programme of proactive community partnerships embraces three aspects: health and wellbeing, environment, and education and learning. The Company encourages employees to make an active contribution to their local community by taking part in various social causes. The Company sponsors local sports events and activities for children.

In the Netherlands, the Company maintains close relationship with employees, customers, local residents, suppliers, the local business community, NGOs and educational institutions and drives community development programmes and provides guest lectures and workshops on various topics that support the Company's strategy to become a green, clean and circular steel company. The Company continues to partner with organisations on various social causes such as activities for primary and secondary schools, social wellbeing of its local communities in the areas of education, environment as well as health and well-being and coaching of children with learning difficulties towards a healthy life style. The Company also sponsors local activities and sports teams and supports charities and children's events which promote community spirit and brings improvement in fields of healthy eating, teamwork and behaviour.

F. CORPORATE GOVERNANCE

At Tata Steel, we ensure that we evolve and follow the corporate governance guidelines and best practices diligently, not just to boost long-term shareholder value, but also to respect rights of the minority. We consider it our inherent responsibility to disclose timely and accurate information regarding the operations and performance, leadership, and governance of the Company.

In accordance with our Vision, Tata Steel aspires to be the global steel industry benchmark for value creation and corporate citizenship. Tata Steel expects to realise its Vision by taking such actions as may be necessary in order to achieve its goals of value creation, safety, environment and people.

Pursuant to the SEBI Listing Regulations, the Corporate Governance Report along with the Certificate from a Practicing Company Secretary, certifying compliance with conditions of Corporate Governance, forms part of this Integrated Report & Annual Accounts 2022-23 (Annexure 3).

1. Meetings of the Board and Committees of the Board

The Board met seven times during the year under review. The intervening gap between the meetings was within the period prescribed under the Companies Act, 2013 and the SEBI Listing Regulations. The Committees of the Board usually meet the day before or on the day of the Board meeting, or whenever the need arises for transacting business. Details of composition of the Board and its Committees as well as details of Board and Committee meetings held during the year under review and Directors attending the same are given in the Corporate Governance Report forming part of this Integrated Report & Annual Accounts 2022-23.

2. Selection of New Directors and Board Membership Criteria

The Nomination and Remuneration Committee ('NRC') engages with the Board to evaluate the appropriate characteristics, skills and experience for the Board as a whole as well as for its individual members with the objective of having a Board with diverse backgrounds and experience in business, finance, governance, and public service. The NRC, basis such evaluation, determines the role and capabilities required for appointment of Independent Director. Thereafter, the NRC recommends to the Board the selection of new Directors.

Characteristics expected of all Directors include independence, integrity, high personal and professional ethics, sound business judgement, ability to participate constructively in deliberations and willingness to exercise authority in a collective manner. The Company has in place a Policy on appointment & removal of Directors.

The salient features of the Policy are:

- It acts as a guideline for matters relating to appointment and re-appointment of Directors
- It contains guidelines for determining qualifications, positive attributes of Directors, and independence of a Director

- It lays down the criteria for Board Membership
- It sets out the approach of the Company on board diversity
- It lays down the criteria for determining independence of a Director, in case of appointment of an Independent Director

The Policy is available on the website of the Company at <https://www.tatasteel.com/media/6816/policy-on-appointment-and-removal-of-directors.pdf>

3. Familiarisation Programme for Directors

As a practice, all new Directors (including Independent Directors) inducted to the Board go through a structured orientation programme. Presentations are made by Senior Management giving an overview of the operations, to familiarise the new Directors with the Company's business operations. The new Directors are given an orientation on the products of the business, group structure and subsidiaries, Board constitution and procedures, matters reserved for the Board, and the major risks and risk management strategy of the Company. Visits to plant and mining locations are organised for the new Directors to enable them to understand the business better.

Details of orientation given to the new and existing Independent Directors in the areas of strategy/industry trends, operations & governance, and safety, health and environment initiatives are available on the website of the Company at <https://www.tatasteel.com/media/12333/familiarisation-program.pdf>

4. Evaluation

The Board evaluated the effectiveness of its functioning, of the Committees and of individual Directors, pursuant to the provisions of the Act and the SEBI Listing Regulations.

The Board sought the feedback of Directors on various parameters including:

- Degree of fulfillment of key responsibilities towards stakeholders (by way of monitoring corporate governance practices, participation in the long term strategic planning, etc.);
- Structure, composition and role clarity of the Board and Committees;
- Extent of co-ordination and cohesiveness between the Board and its Committees;
- Effectiveness of the deliberations and process management;
- Board/Committee culture and dynamics; and
- Quality of relationship between Board Members and the Management.

The above criteria are broadly based on the Guidance Note on Board Evaluation issued by the Securities and Exchange Board of India on January 5, 2017.

The Chairman of the Board had one-on-one meeting with the Independent Directors ('IDs') and the Chairman of NRC had one-on-one meeting with the Executive and Non-Executive, Non-Independent Directors. These meetings were intended to obtain Directors' inputs on effectiveness of the Board/Committee processes.

In a separate meeting of the IDs, the performance of the Non-Independent Directors, the Board as a whole and Chairman of the Company were evaluated taking into account the views of Executive Directors and other Non-Executive Directors.

The NRC reviewed the performance of the individual Directors and the Board as a whole.

In the Board meeting that followed the meeting of the Independent Directors and the meeting of NRC, the performance of the Board, its Committees, and individual Directors were discussed.

Outcome of Evaluation

The evaluation process endorsed the Board Members confidence in the ethical standards of the Company, the resilience of the Board and the Management in navigating the Company during challenging times, cohesiveness amongst the Board Members, constructive relationship between the Board and the Management and the openness of the Management in sharing strategic information to enable Board Members to discharge their responsibilities and fiduciary duties.

In the coming year, the Board intends to enhance focus on sustainability and decarbonisation.

5. Remuneration Policy for the Board and Senior Management

Based on the recommendations of the NRC, the Board has approved the Remuneration Policy for Directors, Key Managerial Personnel (KMPs) and all other employees of the Company. As part of the policy, the Company strives to ensure that:

- the level and composition of remuneration is reasonable and sufficient to attract, retain and motivate Directors of the quality required to run the Company successfully;
- relationship between remuneration and performance is clear and meets appropriate performance benchmarks; and
- remuneration to Directors, KMPs and Senior Management involves a balance between fixed and incentive pay, reflecting short, medium and long-term performance objectives appropriate to the working of the Company and its goals.

The salient features of the Policy are:

- It lays down the parameters based on which payment of remuneration (including sitting fees and remuneration) should be made to Independent Directors (IDs) and Non-Executive Directors (NEDs).
- It lays down the parameters based on which remuneration (including fixed salary, benefits and perquisites, bonus/performance linked incentive, commission, retirement benefits) should be given to whole-time directors, KMPs and rest of the employees.
- It lays down the parameters for remuneration payable to Director for services rendered in other capacity.

During the year under review, there has been no change to the Policy. The Policy is available on the website of the Company at <https://www.tatasteel.com/media/6817/remuneration-policy-of-directors-etc.pdf>

6. Particulars of Employees

Disclosures pertaining to remuneration and other details as required under Section 197(12) of the Act, read with Rule 5(1) of the Companies (Appointment and Remuneration of Managerial Personnel) Rules, 2014 (Rules) are annexed to this report (Annexure 4).

In terms of the provisions of Section 197(12) of the Act read with Rules 5(2) and 5(3) of the Rules, a statement showing the names and other particulars of employees drawing remuneration in excess of the limits set out in the said Rules forms part of this report. Further, the report and the annual accounts are being sent to the Members excluding the aforesaid statement. In terms of Section 136 of the Act, the said statement will be open for inspection upon request by the Members. Any Member interested in obtaining such particulars may write to the Company Secretary at cosec@tatasteel.com

7. Directors

The year under review saw the following changes to the Board of Directors (Board).

Inductions to the Board

Based on the recommendations of the NRC and in terms of the provisions of the Companies Act, 2013, the Board, on November 23, 2022, appointed Ms. Bharti Gupta Ramola (DIN: 00356188) as an Additional Director of the Company effective November 25, 2022. Further, based on the recommendations of the NRC and subject to the approval of the Members, the Board, in accordance with the provisions of Section 149 read with Schedule IV to the Act and applicable SEBI Listing Regulations, appointed Ms. Ramola as an Independent Director of the Company, not liable to retire by rotation, for a term of 5 years commencing from November 25, 2022 through November 24, 2027. Ms. Ramola brings to the Board her extensive knowledge and experience in areas of strategy, finance, governance, regulatory affairs, environment and sustainability. On January 31, 2023, the Shareholders of the Company, by way of a special resolution passed through postal ballot, approved the appointment of Ms. Ramola as an Independent Director of the Company for the abovementioned tenure.

Re-appointment

a. Director retiring by rotation

In terms of the provisions of the Companies Act, 2013, Mr. N. Chandrasekaran (DIN: 00121863), Director of the Company, retires at the ensuing AGM and being eligible, seeks re-appointment. The necessary resolution for re-appointment of Mr. Chandrasekaran forms part of the Notice convening the ensuing AGM scheduled to be held on Wednesday, July 5, 2023.

The profile and particulars of experience, attributes and skills that qualify Mr. Chandrasekaran for Board membership, are disclosed in the said Notice.

b. Whole-time Director (Designated as Executive Director & CFO)

Mr. Koushik Chatterjee (DIN: 00004989) was appointed as the Whole-time Director designated as Executive Director and Group Chief Financial Officer of the Company effective November 9, 2012 through November 8, 2017. He was then re-appointed as the Whole-time Director of the Company designated as Executive Director and Chief Financial Officer for a further period of five years effective November 9, 2017 through November 8, 2022. Based on the recommendation of the Nomination and Remuneration Committee, the Board of Directors at its meeting held on October 31, 2022, re-appointed Mr. Chatterjee as the Whole-time Director designated as Executive Director and Chief Financial Officer for a further period of five years effective November 9, 2022 through November 8, 2027, subject to approval of the shareholders.

On January 31, 2023, the Shareholders of the Company, by way of an ordinary resolution passed through postal ballot, approved the appointment of Mr. Chatterjee as Executive Director and Chief Financial Officer of the Company for the abovementioned tenure.

Cessations

As per the terms of her appointment, Ms. Mallika Srinivasan (DIN: 00037022), completed her second term as an Independent Director on May 21, 2022 and accordingly ceased to be an Independent Director and Member of the Board of Directors of the Company. The Board of Directors place on record their deep appreciation for the wisdom, knowledge and guidance provided by Ms. Srinivasan during her tenure.

Further, Mr. David W. Crane (DIN: 09354737), Independent Director, stepped down as an Independent Director and Member of the Board effective September 5, 2022 since he was joining the United States Department of Energy as the Director of the Office of Clean Energy Demonstration. The said position required him to step of from all private sector positions. He also confirmed that there were no other material reasons for his resignation. The Board of Directors place on record their deep appreciation for the contributions and guidance provided by Mr. Crane during his tenure.

8. Independent Directors' Declaration

The Company has received the necessary declaration from each Independent Director in accordance with Section 149(7) of the Act and Regulations 16(1)(b) and 25(8) of the SEBI Listing Regulations, that he/she meets the criteria of independence as laid out in Section 149(6) of the Act and Regulations 16(1)(b) of the SEBI Listing Regulations.

In the opinion of the Board, there has been no change in the circumstances which may affect their status as Independent Directors of the Company

and the Board is satisfied of the integrity, expertise, and experience (including proficiency in terms of Section 150(1) of the Act and applicable rules thereunder) of all Independent Directors on the Board. Further, in terms of Section 150 read with Rule 6 of the Companies (Appointment and Qualification of Directors) Rules, 2014, as amended, Independent Directors of the Company have included their names in the data bank of Independent Directors maintained with the Indian Institute of Corporate Affairs.

9. Key Managerial Personnel

In terms of Section 203 of the Act, the Key Managerial Personnel of the Company are Mr. T. V. Narendran, Chief Executive Officer & Managing Director, Mr. Koushik Chatterjee, Executive Director & Chief Financial Officer and Mr. Parvatheesam Kanchinadham, Company Secretary & Chief Legal Officer (Corporate & Compliance).

During the year under review, there has been no change in the Key Managerial Personnel.

10. Audit Committee

The Audit Committee was constituted in the year 1986. The Committee has adopted a Charter for its functioning. The primary objective of the Committee is to monitor and provide effective supervision of the Management's financial reporting process, to ensure accurate and timely disclosures, with the highest levels of transparency, integrity and quality of financial reporting.

The Committee comprises Mr. Deepak Kapoor (Chairman), Mr. O. P. Bhatt, Ms. Farida Khambata, Ms. Bharti Gupta Ramola and Mr. Saurabh Agrawal. The Committee met seven times during the year under review, the details of which are given in the Corporate Governance Report.

During the year under review, there were no instances when the recommendations of the Audit Committee were not accepted by the Board.

11. Internal Control Systems

The Company's internal control systems commensurate with the nature of its business, the size, and complexity of its operations and such internal financial controls with reference to the Financial Statements are adequate. Details on the Internal Financial Controls of the Company forms part of Management Discussion and Analysis forming part of this Integrated Report and Annual Accounts 2022-23.

12. Risk Management

Tata Steel operates in a dynamic and uncertain business landscape. Hence the Company has developed and deployed its Enterprise Risk Management (ERM) framework to create long-term value and become a risk-intelligent organization that drives informed decision-making to proactively prepare for unforeseen scenarios. The framework, principles and standards incorporate benchmark industry practices, international standards (including Committee of Sponsoring Organization of the Treadway Commission - COSO & ISO 31000), while also being customised to suit the business of the Company.

The Risk Management Committee ('RMC') of the Board provides an oversight and sets the context for implementation of the ERM across the organisation.

The RMC ensures that appropriate methodology, processes, and systems are in place to monitor and evaluate risks associated with the business of the Company. It reviews the status of key risks, progress of ERM implementation across locations and any exceptions as flagged to it, on a quarterly basis.

The risk appetite of the organisation is approved by the RMC and the Board and is aligned to the Vision of the organisation. It is an important metric for governing all business actions and strategic decisions. The Risk appetite is driven by the following:

- Health and safety of our employees and the communities in which we operate are our prime concern and our operating strategy is focused on the above objective;
- All business decisions are aligned to the Tata Code of Conduct;
- Management actions are focused on continuous improvement;

- Environment and Climate Change impacts are assessed on a continuous basis and business decisions support systems including capital allocation, considers climate impact through the internal carbon pricing framework;
- The long-term strategy of the Company is focused on generating profitable growth and sustainable cashflows that creates long term stakeholder value.

Risk Owners may accept risk exposure to their annual and long-term business plans, which after implementation of mitigation strategies, is aligned to our risk appetite. The Company's risk appetite has been cascaded across the organisation including the Tata Steel Group Companies ('TSGCs') through focused communication during the Annual Business Plan cycle.

In order to drive the ERM implementation, the Company has also constituted a Management Committee called Apex Risk Committee ('ARC') which comprises of key executives of the Company including the Chief Executive Officer & Managing Director, Executive Director & Chief Financial Officer and Vice President – Corporate Finance, Treasury & Risk Management as its members. The ARC periodically reviews the business plan of ERM, engages on the framework and processes and deliberates on the risks that the Company faces.

Driven by an experienced and dedicated Central ERM team, the ERM framework is deeply embedded across business units, levels, and functions. It has been a key factor in managing highly impactful economic, supply chain and climate change risks, as well as increasing resilience in the organisation.

The Central ERM team is a dedicated business vertical led by Vice President - Corporate Finance, Treasury & Risk Management who acts as the Chief Risk Officer (CRO) of the Company. The ERM team continuously scans the external and internal environment for developments which may throw up emerging risks for the organisation. The risk fags and risk insights are shared with the Business Units ('BU') as inputs for identification and management of bottom-up risks, which are periodically reviewed as per defined ERM Governance mechanism. The risks are escalated and aggregated for reporting to ARC and RMC. This is complemented by a top-down process, which helps in identification of strategic Enterprise level risks.

The Company follows co-ordinated risk assurance and the ERM process is integrated with Corporate Audit, Corporate Strategy & Planning, Corporate Legal, Ethics, Compliance and Security functions. The two-way communication with these functions brings further rigor in driving the process across the organisation and the TSGCs. The ERM process being data intensive, an in-house built IT system has been developed across the organisation for real time management of risks through live dashboards. The IT system supports risk analytics and helps in developing a uniform risk culture as the same ERM framework is used while identifying, assessing, evaluating, monitoring & reviewing risks.

The subsequent waves of COVID-19 pandemic, its associated fallouts, Russia-Ukraine war, and the commodity upcycle led to an unprecedented business environment over the last two years. The Company's Central Enterprise Risk Management team facilitated the Business Units in identifying and assessing risks as the situation was evolving. 'Scenario-based risk assessment' is continuously undertaken across the Company in view of dynamic operating environment and multiple externalities that continue to challenge business.

The Company remained vigilant of the evolving macroeconomic, geopolitical situation and global financial market sentiments to proactively manage risks in FY2022-23. The focus on identification and tracking of 'Early Warning Indicators' and implementation of risk mitigation strategies proactively has been a key enabler in managing the growing uncertainties and achieving business objectives.

The Company was conferred with the 'RIMS Global ERM Award of Distinction' in 2022. The award recognises the Company's outstanding ERM achievements that have enabled the organisation to streamline processes and strengthen collaboration across the enterprise in order to achieve strategic objectives.

The Company has also been recipient of IRMA awards 'Masters of Risk in Metals & Mining' at the 9th edition of The India Risk Management Awards for seventh time in a row.

13. Vigil Mechanism

The Company has a Vigil Mechanism that provides a formal channel for all its Directors, employees and business associates including customers to approach the Chairman of the Audit Committee or Chief Ethics Counsellor and make protected disclosures about any unethical behaviour, actual or suspected fraud or violation of the Tata Code of Conduct ('TCoC'). No person is denied access to the Chairman of the Audit Committee. The Vigil Mechanism in the Company fosters a culture of trust and transparency among all its stakeholders.

The Company's Vigil Mechanism has policies that include the Whistle-Blower Policy for Directors & Employees, the Whistle-Blower Policy for

Business Associates, the Whistle-Blower Protection Policy for Business Associates (vendors/customers), Gift and Hospitality Policy ('G&H'), the Conflict-of-Interest ('COI') Policy for Employees, the Anti-Bribery and Anti-Corruption ('ABAC') Policy, and Anti-Money Laundering ('AML') Policy.

The Whistleblower Policies for Directors & Employees and Business Associates encourages every Director, employee, and Business Associate to promptly report any actual or possible violation of the TCoC or any event that he/ she becomes aware of that could affect the business or reputation of the Company. The Company ensures protection for the whistleblowers and any attempts to intimidate the whistleblower is also treated as a violation of the TCoC. The Whistleblower Policy includes reporting of incidents of leak or suspected leak of Unpublished Price Sensitive Information ('UPSI') as required in terms of the provisions of the Securities and Exchange Board of India (Prohibition of Insider Trading) Regulations, 2015 as amended.

The Whistle-Blower Protection Policy for Business Associates, including vendors and customers, provides protection to Business Associates from any victimisation or unfair trade practices by the Company. While the Whistle-blower policy encourages whistle blowers to make protected disclosures in good faith, it also forbids raising concerns with malicious intent.

The ABAC and AML policies primarily cover risk assessment, development of processes & guidelines, third party due diligence through a third party, training & awareness, and audit & reporting.

The Gift and Hospitality Policy aims to provide guidance to its employees or persons who perform services for or on behalf of the Company on what is appropriate and acceptable, and what is not acceptable, for offering, giving, and accepting gifts and hospitality. The policy is in consonance with ABAC and AML policies.

The Company has also adopted a Conflict of Interest Policy that requires employees to act in the best interest of the Company without any conflicts and declare conflicts, if any (real, potential or perceived).

The Whistleblower Reward and Recognition Guidelines for employees has been implemented to encourage employees to genuinely blow the whistle on any misconduct or unethical activity taking place in the Company. The disclosures reported are addressed in the manner and within the time frame prescribed in the Whistleblower Policy.

In addition to the abovementioned policies, the Company continues to provide a Third-Party Whistleblowing helpline service which is available to our stakeholders in the Company and TSGCs to raise their concerns or disclosures. This helpline is provided through an external service provider. The Ethics helpline services include toll-free number, web access, postal services, and e-mail facilities.

The Company, during the year under review, conducted a series of communication and training programmes for internal and external stakeholders, with an aim to create awareness amongst them about TCoC and other ethical practices of the Company. An online training through e-learning modules on ABAC/AML and POSH was also conducted for the stakeholders. Further, customised training and awareness sessions on 'Third Party Due Diligence' were conducted in relevant departments and divisions and business associate meets were conducted with an aim to provide the business associates a platform to discuss their issues and clarify their dilemmas if any on the abovementioned policies.

During the year under review, the Company received 303 Whistle Blower Complaints ('WBC') and 875 grievances & other concerns. Out of these, 158 WBC were investigated and closed after taking appropriate actions, 717 grievances & other concerns were addressed as appropriate. A total of 145 WBC were open as of March 31, 2023 for which investigations are underway. The unaddressed 158 grievances & other concerns are being looked into by the relevant agencies and will be closed as appropriate.

14. Disclosure as per the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013

Tata Steel has a zero tolerance towards sexual harassment at the workplace. The Company has adopted a policy on prevention, prohibition, and redressal of sexual harassment at workplace in line with the provisions of the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 and the Rules made thereunder.

The Company has complied with the provisions relating to the constitution of the Internal Complaints Committee as per the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013.

During the year under review, the above mentioned policy and guidelines were revised and amended to incorporate the changes associated with the hybrid workplace model and explicit definition of inappropriate behaviour under the parlance of sexual harassment.

During the year under review, the Company received 31 complaints of sexual harassment, of which 24 complaints have been resolved by taking

appropriate actions and 7 complaints are under investigation.

15. Subsidiaries, Joint Ventures and Associates

We have 149 subsidiaries and 44 associate companies (including 24 joint ventures) as on March 31, 2023. During the year under review, the Board of Directors reviewed the affairs of material subsidiaries. There has been no material change in the nature of the business of the subsidiaries.

We have, in accordance with Section 129(3) of the Act prepared Consolidated Financial Statements of the Company and all its subsidiaries, associates and joint ventures which form part of the Integrated Report. Further, the report on the performance and financial position of each subsidiary, associate and joint venture and salient features of their Financial Statements in the prescribed Form AOC-1 is annexed to this report (Annexure 5).

In accordance with the provisions of Section 136 of the Act and the amendments thereto, read with the SEBI Listing Regulations the audited Financial Statements, including the consolidated financial statements and related information of the Company and financial statements of the subsidiary companies are available on our website www.tatasteel.com

The names of companies that have become or ceased to be subsidiaries, joint ventures and associates during the year under review are disclosed in an annexure to this report (Annexure 6).

16. Related Party Transactions

In line with the requirements of the Act and the SEBI Listing Regulations, the Company has formulated a Policy on Related Party Transactions. The Policy can be accessed on the Company's website at <https://www.tatasteel.com/media/5891/policy-on-related-party-transactions.pdf>

During the year under review, all related party transactions entered into by the Company, were approved by the Audit Committee and were at arm's length and in the ordinary course of business. Prior omnibus approval is obtained for related party transactions which are of repetitive nature and entered in the ordinary course of business and on an arm's length basis. The Company did not have any contracts or arrangements with related parties in terms of Section 188(1) of the Companies Act, 2013.

Accordingly, the disclosure of related party transactions as required under Section 134(3)(h) of the Act in Form AOC-2 is not applicable to the Company for FY2022-23 and hence does not form part of this report.

Details of related party transactions entered into by the Company, in terms of Ind AS-24 have been disclosed in the notes to the standalone/consolidated financial statements forming part of this Integrated Report & Annual Accounts 2022-23.

17. Directors Responsibility Statement

Based on the framework of internal financial controls and compliance system established and maintained by the Company, work performed by the internal, statutory, cost, and secretarial auditors and external agencies including audit of internal financial controls over financial reporting by the statutory auditors and the reviews performed by Management and the relevant Board Committees, including the Audit Committee, the Board is of the opinion that the Company's internal financial controls were adequate and effective during financial year 2022-23.

Accordingly, pursuant to Section 134(5) of the Companies Act, 2013, the Board of Directors, to the best of its knowledge and ability confirms that:

a) in the preparation of the annual accounts, the applicable accounting standards have been followed and that there were no material departures;

b) they have selected such accounting policies and applied them consistently and made judgments and estimates that are reasonable and prudent so as to give a true and fair view of the state of affairs of the Company at the end of the financial year and of the profit of the Company for that period;

c) they have taken proper and sufficient care for the maintenance of adequate accounting records in accordance with the provisions of the Companies Act, 2013 for safeguarding the assets of the Company and for preventing and detecting fraud and other irregularities;

d) they have prepared the annual accounts on a going concern basis;

e) they have laid down internal financial controls to be followed by the Company and that such internal financial controls are adequate and are operating effectively;

f) they have devised proper systems to ensure compliance with the provisions of all applicable laws and that such systems were in place, are adequate and operating effectively.

18. Auditors

Statutory Auditors

Members of the Company at the AGM held on August 8, 2017, approved the appointment of Price Waterhouse & Co. Chartered Accountants LLP (Registration No.- 304026E/E300009) ('PW'), Chartered Accountants, as the statutory auditors of the Company. Further, the Shareholders approved the re-appointment of PW for a second term of five years commencing the conclusion of the 115th AGM held on June 28, 2022 until the conclusion of 120th AGM of the Company to be held in the year 2027.

The report of the Statutory Auditor forms part of this Integrated Report and Annual Accounts 2022-23. The said report does not contain any qualification, reservation, adverse remark or disclaimer.

Cost Auditors

In terms of Section 148 of the Act, the Company is required to maintain cost records and have the audit of its cost records conducted by a Cost Accountant. Cost records are prepared and maintained by the Company as required under Section 148(1) of the Act.

The Board of Directors of the Company has, on the recommendation of the Audit Committee, approved the appointment of M/s Shome & Banerjee as the cost auditors of the Company (Firm Registration No. 000001) for the year ending March 31, 2024. M/s Shome & Banerjee have vast experience in the field of cost audit and have been conducting the audit of the cost records of the Company for the past several years.

In accordance with the provisions of Section 148(3) of the Act read with Rule 14 of the Companies (Audit and Auditors) Rules, 2014, as amended, the remuneration of Rs. 30 lakh plus applicable taxes and reimbursement of out-of-pocket expenses payable to the Cost Auditors for conducting cost audit of the Company for FY2023-24 as recommended by the Audit Committee and approved by the Board has to be ratified by the Members of the Company. The same is placed for ratification of Members and forms part of the Notice of the AGM.

Secretarial Auditors

Section 204 of the Act, inter alia, requires every listed company to annex to its Board's report, a Secretarial Audit Report, given in the prescribed form, by a Company Secretary in practice.

The Board had appointed Parikh & Associates, (Registration No. P1988MH009800), Practicing Company Secretaries, as the Secretarial Auditor to conduct Secretarial Audit of the Company for the FY2022-23 and their Report is annexed to this report (Annexure 7). There are no qualifications, observations, adverse remark or disclaimer in the said Report.

Reporting of Fraud

During the year under review, the Statutory Auditors, Cost Auditors and Secretarial Auditors have not reported any instances of frauds committed in the Company by its officers or employees to the Audit Committee under Section 143(12) of the Act, details of which need to be mentioned in this Report.

19. Annual Return

The Annual Return for financial year 2022-23 as per provisions of the Act and Rules thereto, is available on the Company's website at <https://www.tatasteel.com/media/18332/mgt7.pdf>

20. Significant and Material Orders passed by the Regulators or Courts

There has been no significant and material order passed by the regulators or courts or tribunals impacting the going concern status and the Company's future operations. However, Members' attention is drawn to the statement on contingent liabilities, commitments in the notes forming part of the Financial Statements.

21. Particulars of Loans, Guarantees or Investments

Particulars of loans, guarantees given and investments made during the year under review in accordance with Section 186 of the Act is annexed to this report (Annexure 8).

22. Energy Conservation, Technology Absorption and Foreign Exchange Earnings and Outgo

Details of the energy conservation, technology absorption and foreign exchange earnings and outgo are annexed to this report (Annexure 9).

23. Deposits

During the year under review, the Company has not accepted any deposits from public in terms of the Act. Further, no amount on account of principal or interest on deposits from public was outstanding as on the date of the balance sheet.

24. Secretarial Standards

The Company has in place proper systems to ensure compliance with the provisions of the applicable secretarial standards issued by The Institute of the Company Secretaries of India and such systems are adequate and operating effectively.

25. Other disclosures

(a) There has been no change in the nature of business of the Company as on the date of this Report.

(b) There were no material changes and commitments affecting the financial position of the Company between the end of the financial year and the date of this Report.

(c) There was no application made or proceeding pending against the Company under the Insolvency and Bankruptcy Code, 2016 (31 of 2016) during the year under review.

G. ACKNOWLEDGEMENTS

We thank our customers, vendors, dealers, investors, business associates and bankers for their continued support during the year. We place on record our appreciation of the contribution made by employees at all levels. Our resilience to meet challenges was made possible by their hard work, solidarity, co-operation and support.

We thank the Government of India, the State Governments and the Governments in the countries where we have operations and other regulatory authorities and government agencies for their support and look forward to their continued support in the future.

On behalf of the Board of Directors

sd/-
N. CHANDRASEKARAN
Chairman
DIN: 00121863

Mumbai May 2, 2023

ANNEXURE 1

Management Discussion and Analysis 2022-23

I. Overview

The objective of this report is to convey the Management's perspective on the external environment and steel industry, as well as strategy, operating and financial performance, material developments in human resources and industrial relations, risks and opportunities and internal control systems and their adequacy in the Company during FY2022-23. This should be read in conjunction with the Company's financial statements, the schedules and notes thereto and other information included elsewhere in this Integrated Report and Annual Accounts 2022-23. The Company's financial statements have been prepared in accordance with Indian Accounting Standards (Ind AS) complying with the requirements of the Companies Act, 2013, as amended and regulations issued by the Securities and Exchange Board of India (SEBI) from time to time.

II. External Environment

1. Global Economy

Global GDP growth is estimated to fall from 3.4% in 2022 to 2.8% in 2023. The continuing Russia-Ukraine war along with central banks hiking rates to tame inflation continues to weigh on economic activity. Growth in 2022 was dampened due to rapid spread of COVID-19 variants in China and the ongoing war in Ukraine. The concerted sanctions on Russia, which supplies around 10% of the world's energy, lead to dampening growth and further straining of supply chain. The war worsens the persistent inflation across developed economies. However, the recent re-opening may lead to faster than expected recovery in 2023.

Growth rate in 2023 in USA is expected to be 1.6%, while the eurozone is expected to remain strained at 0.8%. The energy shock, a result of the war in Ukraine, continues to impact the economic activity in Europe. China's economy is set to rebound to 5.2% as mobility and industrial activity pick up after lifting of pandemic restrictions. The contraction in real estate remains a major headwind. Long-term headwinds to growth include a shrinking population and slowing productivity growth.

Economic Outlook

The factors that drove inflation in 2022 are already reversing. These include increase in commodity prices, expansive fiscal and monetary policy, and supply chain disruptions. Global inflation is expected to fall from 8.7% in 2022 to 7% in 2023 on the back of lower commodity prices. Inflation has already peaked in the US and Europe in early 2023. It is also declining in other major economies including Japan, China and India.

In the US, economic growth is expected to be slower in 2023 given the tightening monetary and fiscal policy. Contrary to late 2022 estimates, US will avoid a recession due to declining energy prices, strong employment growth, and easing of supply chain stress.

Threat of recession continuous to loom over Europe as wages and consumer spending has fallen significantly. Elevated natural gas prices are fuelling inflation and driving down purchasing power. The tightening of monetary policy by ECB and Bank of England along with energy shock resulting from the Russia-Ukraine war will play a key impact on the growth potential.

2. Indian Economy

GDP growth rate in 2023 is expected to be 5.9%, lower than the 2022 growth of 6.8% due to subdued external demand and tightening monetary policy. However, India will remain the fastest growing major economy.

Brent oil prices are expected to remain rangebound in 2023, given the continuing war in Ukraine and sanctions imposed in response by the USA and European Union. India meets nearly 80% of its oil needs through imports. High oil prices will also have a trickledown effect on the prices paid by consumers for goods and services. Persistent inflation resulted in RBI to increase the repo rate by 250 basis points throughout FY2022-23. Further rate hikes are expected in the coming year, despite no rate hike in the April Monetary Policy Committee meeting.

Capital investment of close to 3.3% of GDP is expected to crowd-in private investment, strengthen job creation and demand, and raise India's

overall growth potential. Focus is expected in the energy sector, with significant capital investments towards energy transition and green hydrogen mission.

Overall, the key steel consuming sectors are expected to perform well in FY2023-24 supported by a rise in infrastructure spend by the Government and gradually improving semiconductor supply. High CAPEX allocation in key steel consuming sectors such as railways, national highways and housing is expected to drive steel consumption.

III. Steel Industry and Developments

1. Global Steel Industry

The recovery momentum of global economy after the pandemic has been affected by persisting inflation, US monetary tightening, China's economic deceleration and continued supply disruptions due to Russia-Ukraine war. High energy prices, rising interest rates, and falling confidence have limited recovery of the steel demand after a dip in 2022. However, positive factors like China's re-opening, Europe's resilience during the energy crisis and preliminary easing in supply chain bottleneck will lead to a Y-o-Y rise in global steel demand by ~2.3% (~1,822 MnT) in 2023.

The Chinese steel demand is expected to grow by ~2% in 2023 after 3.5% decline in 2022. The growth may be attributed to base effect and slight uptick in real estate after decline in 2022 due to COVID-19 lockdowns, slump in the property market and continued focus on sustainability. The European steel demand is expected to fall further by 0.4% in 2023 after ~8% decline in 2022. Demand in the USA is expected to grow moderately by ~1% in 2023 backed by relief in infrastructure segment with 2021 Infrastructure Law and Inflation Reduction Act.

The year witnessed very high volatility in raw material, especially coking coal on account of the on-going geopolitical concerns and supply chain bottlenecks impacting steel price across geographies.

2. Demand Outlook

Demand in the US is expected to grow moderately by 1.3% in 2023 by relief in infrastructure segment aided by recent legislations like 2021 Infrastructure Law and Inflation Reduction Act.

Recovery in Japan and South Korea may gain pace with strengthening construction segment and easing supply chain and exports.

Global steel demand is expected to grow by 1.7% reaching 1,854 MnT driven by growth in Asia, China's re-opening, diversifying supply chains and Europe's resilience. Demand in Europe is expected to see a 5.6% rebound in 2024 after 4 consecutive years of Y-o-Y contraction in the steel demand.

Sustained inflation remains a downside risk, potentially keeping interest rates high. Exports are expected to decline further with rise in protectionism and slowdown in global demand. As China's population declines and moves to consumption-driven growth, its contribution to global steel demand growth will lessen. Outlook for India remains positive led by strong urban consumption and infrastructure spending.

3. Indian Steel Industry

India remains the 'bright spot' for global steel demand. After growth of 8.2% in 2022, demand is expected to show healthy growth of 7.3% in 2023 backed by consumption led demand. Having managed inflation well, the Indian economy is on a healthy growth track, with a rising share of investment in GDP, appropriate budget allocations and expenditure by the Government in the infrastructure segment. India also faced supply disruptions due to raw material constraints and volatility of prices.

4. Outlook for Indian Steel Industry

Indian steel demand is expected to be robust and growing by 6.2% in FY2023-24 supported by strong GDP growth forecast, private consumption and Government expenditure. India's capital goods sector is also expected to benefit from the momentum in infrastructure and investment in renewable energy. Automotive and consumer durables are expected to maintain healthy growth driven by sustained growth in private consumption.

Integrated Steel Players will continue to add capacity in FY2023-24, and utilisation levels are expected to remain healthy at ~80%. Net export

position is expected to strengthen with removal of export duty.

5. Global Raw Material Market (Iron Ore and metallurgical coal)

The steel raw materials market in FY2022-23 continued to see volatility particularly in coal markets amid intermittent weather disruptions in Eastern Australia while trade flows drastically shifted following the Russian-Ukraine war.

i) Demand & Supply

Total global crude steel production for 2022 stood at 1.88 billion tons, falling 4.2% Y-o-Y from a record high in 2021 as tighter fiscal and monetary policy impacted global steel demand.

Chinese steel production mainly led the decrease as steel output fell for a second straight year, down 21 MT or ~2% to 1.01Bt. European steel mills had also been largely impacted by the shrinkage in steel demand, with EU27 steel production falling 16.5 MT or 10.4% Y-o-Y to 136 MT.

China's iron ore imports for 2022 fell 1.5% Y-o-Y to 1.11Bt, in line with the lower overall steel production. China's coking coal imports in contrast rose 16.6% Y-o-Y to 63.8 MT, following improved logistics from Mongolia after COVID-19 restrictions eased, while excess Russian coals were also being diverted to China at competitive prices.

China had also continued an aggressive coal production regime through 2022 in effort to reduce import reliance. Chinese raw coal production hit a record high in December 2022 of 403 MT, with volumes for the full year estimated rising 11% from the year prior. China had also removed its unofficial ban for Australian coals at the end of 2022 with trade flow expected to pick up in 2023, subject to cost competitiveness for Chinese end-users.

Meanwhile, Australian coking coal exports had fallen for its third consecutive year down by 4.5% Y-o-Y to 158.6 MT. A third consecutive La Nina year had also plagued eastern Australian miners with heavy rainfall and occasional flooding at the mines and ports. Queensland weather stations had reported approximately 40-45% higher rainfall for 2022 as compared to its 5-year trailing average.

ii. Prices

Seaborne Iron ore prices in 2022 had corrected from its record highs in 2021 amid a slump in Chinese steel demand and prices. 62% Fe CFR China prices ranged between \$80.15/t and \$162.75/t in 2022 compared to \$87.20/t and \$233.10/t in 2021. Average iron ore prices stood at ~\$120.10/t for the year, a 25% decrease from ~\$159.5/t for 2021.

Iron ore prices hit a peak in March 2022 before embarking on a sharp downtrend due to a decline in steel prices and margins. Key property metrics in China like new home sales and new home starts averaged 25%-40% lower Y-o-Y through 2022. Steel margins reported by Chinese steel mills were largely negative for the second half of the year which also weighed on iron ore prices.

On the supply front, total shipments from Australia and Brazil were largely flat on the year averaging 24.2 MT/ week, compared to 24.5 MT/week in 2021.

Into 2023, Iron ore prices have largely been rangebound for the January-March 2023 quarter, with some market participants citing uncertainty towards China's downstream recovery for steel. The Chinese government has also been in discussions of further lowering crude steel production by 2.5% this year which would further impact seaborne iron ore demand. Shipments from Australia have also been benefiting from a drier than seasonal January-March 2023 quarter, with export volumes estimated 6% higher Y-o-Y.

(Please refer annual report for graphs)

Seaborne Coking coal prices saw sharp volatility through the year due to frequent weather disruptions alongside the impact of the Russian-Ukraine war. PHCC FOB Australian prices ranged between \$188/t and \$670.5/t in 2022, compared to \$102/t and \$408.5/t in 2021. Average coking coal prices stood at \$363.7/t for the year up from \$313.4/t the year prior.

FOB Australian prices were driven to record highs in the first half of the year, as an anticipated ban on Russian coal exports led to panic buying across Europe. While prices cooled off in the later half of the year, prices were still elevated on a historical basis as last year's La Nina weather conditions impacted Australian miners' ability to meet production guidance for the year.

(Please refer annual report for graphs)

Into 2023, coking coal prices have traded in a tighter range albeit still volatility surrounding weather developments particularly in Eastern Australia. The Bureau of Meteorology have officially announced an end to La Nina weather conditions in March which could lessen the risk of supply disruptions for the rest of the year. Meanwhile, the expected re-emergence of China as a spot buyer of Australian coking coal this year may leave the market more tightly balanced

Initiatives by Tata Steel

The Company took several key initiatives in its raw material procurement. Strategic Initiatives during FY2022-23 are:

- New products trials:

In order to ensure long term supply security and stable supply, new coal trials were undertaken by the Company, through a structured trial process, which helped the Company to diversify the source and supplier base.

The Company also engaged in development of LD Sludge based pellets by utilising hazardous waste (LD Sludge), which is an example of first in the industry.

- Blend optimisation to take advantage of market opportunities: Considering wide spreads in prices across grades of raw material (RBI vs RB2 grade DRI coal, mid-phos vs low phos nut-coke, etc.) value creation was achieved by optimising blends through cross functional collaboration.

- MoU signed with strategic suppliers for decarbonisation projects: Memorandum of Understanding was signed with one of the leading coal suppliers for exploring and developing use of biomass/biochar in steelmaking process, developing carbon capture utilisation and storage technologies, as well as using biofuels for shipment of raw materials.

IV. Tata Steel Group Operations

Major Highlights

During the year under review, the consolidated crude steel production for Tata Steel Group (TSG) was 30.65 MnT as against 31.03 MnT for FY2021-22, a marginal decline of 1%. The production increased at Tata Steel Standalone to 18.97 MnT which was higher by 3% (FY2021-22:18.38 MnT). At the Tata Steel European Operations, Tata Steel Nederland (TSN) produced 6.32 MnT, lower by 4% (FY2021-22: 6.61 MnT) mainly due to weakening of market during the 2nd half of FY2022-23. Production at Tata Steel UK (TSUK) at 3.02 MnT was lower by 14% against previous year (FY2021-22: 3.50 MnT) as TSUK undertook a significant maintenance programme focused on its steelmaking assets in Port Talbot in order to improve operational stability. Tata Steel Long Products produced 0.71 MnT (FY2021-22: 0.68 MnT), moreover, with the completion of NINL acquisition, the production further increased by 0.20 MnT during the year. Production at South-East Asia (SEA) was 1.43 MnT (FY2021-22:1.86 MnT) which was lower due to disposal of Singapore operations of NatSteel Holdings Pte. Ltd. (NSH) during FY2021-22. The consolidated steel deliveries of TSG was at 28.79 MnT in FY2022-23 as against 29.52 MnT in FY2021-22, a marginal decrease of 2% primarily at TSE due to weakening of market and at SEA.

The turnover of TSG was marginally lower over FY2021-22 by Rs. 606 crore on account of decline in steel realisations across geographies except European operations attributable to decrease in demand and implementation of export duty on steel in India during the year, along with lower steel deliveries by 0.73 MnT.

The EBITDA was lower over FY2021-22 by Rs. 31,132 crore (49%), primarily due to increase in input cost mainly in coking coal along with lower steel realisations in India, partly offset by favorable foreign exchange rate movement at India.

TSG reported a consolidated Profit after Tax of Rs. 8,075 crore which was lower over FY2021-22 in line with decline in EBITDA, along with higher net finance charges by Rs. 642 crore which is primarily due to additional loans taken during the year in India and higher tax charge by Rs. 1,682 crore mainly due to higher non cash deferred tax charge at TSUK attributable to insurance buy-in of pension liabilities which was offset by lower tax charge at India on account of lower profitability. Exceptional gain of Rs. 113 crore in FY2022-23 against a charge of Rs. 134 crore in FY2021-22 contributed to the profit during the year.

1. Tata Steel Limited (Standalone)

The turnover and profit/(loss) figures of Tata Steel Limited are given below:

		(Rs. crore)
	FY 23	FY 22
Turnover	1,29,007	1,29,021
EBITDA	28,175	51,456
Profit before tax (PBT), before exceptional	21,801	44,326
Profit before tax (PBT)	21,022	44,091
Profit after tax (PAT), before exceptional	16,274	33,247
Profit after tax (PAT)	15,495	33,011

a) Operations

			(mn tonnes)
	FY 23	FY 22	Change (%)
Hot Metal	19.25	18.90	2
Crude Steel	18.97	18.38	3
Saleable Steel	18.19	17.91	2
Sales	18.22	17.62	3

The saleable steel production and sales trend over the years is as follows:

Production and Sales of Steel Division (k tonnes)

(Please refer annual report for graphs)

*Note: Production and sales from FY21 onwards includes TSM post-merger

The combined saleable steel production of FY2022-23 stood at 18.19 MnT which was higher than that of FY2021-22 (17.91 MnT) by 2% and the combined steel sales of FY2022-23 stood at 18.22 MnT, higher by 3% over FY2021-22 (17.62 MnT).

i) Tata Steel Jamshedpur

Tata Steel Jamshedpur ('TSJ') produced crude steel of 10.64 MnT in FY2022-23 as against 10.25 MnT in FY2021-22 which was higher by ~3.80%. The hot metal production of FY2022-23 stood at 11.05 MnT (10.83 MnT in FY2021-22) higher by ~2%. Blast Furnaces operated at a fuel rate of 526 kg/thm in FY2022-23 as against 535 kg/thm in FY2021-22 which was better by 9 kg/thm. For improving fuel rate, idea of injection of Coal-Colemanite was implemented in TSJ Blast Furnaces. In steelmaking, scrap consumption increased to 8.5% in FY2022-23 from 8.1% in FY2021-22 thereby achieving lower CO2 emission.

During FY2022-23, there has been significant improvement in overall refractory consumption, specific power consumption and specific energy consumption for TSJ. The Company has continuous operational improvement programmes through Shikhar25 which is a focused EBITDA improvement programme which works across departments of Tata Steel to improve operational efficiencies, lower costs, optimise product mix, reduce, and recycle waste and energy efficiency.

ii) Tata Steel Kalinganagar

Phase-1 (3 MTPA) of Tata Steel Kalinganagar ('TSK') had started commercial production in June 2016 and attained the production levels at its rated capacity in less than 2 years. FY2022-23 has been TSK's best year in terms of production volumes and operating KPIs, with almost all operating units expected to achieve their best-ever annual production figures.

The production volumes achieved by various plants are: Coke Plant – 1.56 MnT (FY2021-22: 1.55 MnT) of Gross Coke, Blast Furnace – 3.59 MnT (FY2021-22: 3.47 MnT) of hot metal, Steel Melting Shop – 3.37 MnT (FY2021-22: 3.24 MnT) of crude steel, and Hot Strip Mill – 3.57 MnT (FY2021-22: 3.24 MnT) of Hot Rolled Coils. Nearly 340 KT of slabs from Tata Steel Meramandali have been rolled at TSK mill during FY2022-23.

The product mix in FY2022-23 comprised Medium and Low Carbon, Interstitial-free (IF), peritectic and micro-alloy grades, which served different market segments with a special focus on High Tensile for Auto, API for Oil and Gas Sector, Structural grades for Solar, Crash Barrier, Pre-Engineered Building, Lifting and Excavation Segment. Trials for casting and rolling of 1.2% Si and 2.4% Si Electrical steel were successfully carried out. 3.2% Si Electrical steel was successfully casted. This grade will help the Company to develop expertise to foray into the fast-growing Electric Vehicle (EV) industry.

In FY2022-23, TSK undertook approximately 72,000 new plantations, contributing to the greenbelt coverage of 414 hectares (33% of overall area) complying with the State Government's statutory requirement. TSK achieved its best-ever figures in Blast Furnace fuel rate (530 kg/thm), CO₂ emission intensity (2.32 tCO₂/tcs) and specific water consumption (3.31 m³/tcs). Additionally, TSK focused on the execution of the Zero Effluent Discharge (ZED) project throughout the year and will achieve ZED from April 2024. TSK broke ground for a 10 TPD syngas pilot plant designed to generate syngas from bio-waste, which can be used as an alternative reductant in blast furnace. This project will enable TSK to gain domain expertise in means for carbon footprint reduction.

TSK's support played a crucial role in the successful and speedy revival of the NINL plant, which stands as a significant achievement for Tata Steel.

TSK is currently in the second phase of expansion, which aims to increase production capacity to 8 MnTPA. In February 2023, the Cold Rolling Mill PLTCM successfully rolled its first Full Hard Cold Rolled (FHCR) coil, while the Pellet plant achieved its first phase pellet roll out in March 2023. Both units will focus on ramping up production in the coming financial year. The Pellet plant will provide support for the agglomerate mix used in blast furnace operations, while CRM will cater to the production of high-strength cold-rolled products to meet the requirements of our auto customers. The commissioning of the Continuous Annealing Line (CAL) and Continuous Galvanising Line (CGL) of CRM is expected to take place in H2 of FY2023-24 and FY2024-25, respectively. The Engineering and Projects team is currently engaged in the construction activities at Blast Furnace-2, new Coke ovens, and Caster-2, with continuous efforts being made to ensure that project timelines are met.

Community is at the centre of our enterprise: TSK has always placed equal focus on building local community relationships through improving their socio-economic status, enabled through a range of initiatives in areas like Health, Education, Drinking Water, Infrastructure Development, Livelihoods, Skill up-gradation, sports and Women Empowerment among others. Dedicated teams deploy these initiatives through two focused approaches:

(a) Communities entitled through the Resettlement & Rehabilitation (R&R) process through an R&R team.

(b) Larger regional communities (predominantly rural) through the Tata Steel Foundation team in charge of Corporate Social Responsibility.

iii. Tata Steel Meramandali

Tata Steel Meramandali ('TSM') has produced hot metal during FY2022-23 of 4.60 MnT as against 4.59 MnT during FY2021-22, production of crude steel stood at 4.95 MnT in FY2022-23 as against 4.89 MnT in FY2021-22 and saleable steel production stood at 4.24 MnT in FY2022-23 as against 4.61 MnT in FY2021-22 thereby registering a decrease in production by 8%. The sales for FY2022-23 stood at 4.63 MnT as against 4.70 MnT in FY2021-22, registering a marginal decrease over previous year.

b) Marketing and Sales

During FY2022-23, the Company recorded sales of 18.22 MnT, which is higher over the previous year by 3%. Sales performance are summarised as below:

		(mn tonnes)

	FY 23	FY 22
Automotive & Special products	2.38	2.22
Branded Products, Retail & Solutions	5.85	5.28
Industrial Products & Projects	6.91	6.10
Domestic	15.14	13.60
Exports	1.61	2.61
Domestic + Exports	16.75	16.21
Transfers (Wires, Tubes, IBMD, Agrico)	1.47	1.41
Total deliveries	18.22	17.62

Thus, FY2022-23 turned out to be the year of best-ever sales performance surpassing the previous best performance of FY2021-22. This was enabled by best-ever domestic sales performance achieved by all the three sales verticals.

Automotive and Special Products: FY2022-23 started off on a positive note with robust demand witnessed in Passenger Vehicle ('PV') due to pent-up demand driven by easing of semiconductor supply situation and new model launches. Strong growth of Commercial Vehicle ('CV') continued for FY2022-23 supported by replacement demand, improvement in the overall macroeconomic environment, pick-up in infrastructure, mining and construction activities and healthy fleet utilisation levels. The sector ended the year with overall growths of 24% and 27% in PV and CV respectively (Y-o-Y).

Automotive sales constitute ~16% of Tata Steel's annual domestic sales. It registered sales of 2.38 MnT in FY2022-23, a Y-o-Y growth of 7% with 20% growth in Hi-end sales (including 137 KT of PV outer panels and 253 KT of high tensile steels). The segment continues to command market leadership and high share of business in new model launches.

Branded Products and Retail (BPR): BPR (Flat Products) clocked sales volume of 4.10 MnT with Y-o-Y growth of 9%. Overall growth was driven by key Flat Product brands -Tata Astrum, Tata Steelium and Tata Kosh which registered growth ranging from 5% - 25% each and enhanced its market share to 23% (FY2021-22: ~21%). FY2022-23 was also a milestone year for two of the BPR-ECA brands - Tata Astrum (the Hot rolled brand for MSMEs) which has grown to become a 18,000 crore brand completed 10 years, and Tata Steelium (the cold rolled brand for MSMEs) completed 20 glorious years, while expanding their presence into 80+ micro-segments. Its foray into the retail space to cater to the small & micro customers/ fabricators, saw Tata Astrum super transacting actively with 1,400+ dealers and has registered a growth of 23% in FY2022-23. In addition, Tata Steel caters to 8,000+ ECA customers, through 85 ECA channel partners, for their regular needs of HR, CR & Coated steels, which are serviced in processed form through 57 service centres located near customer clusters.

Tata Steel B2C fat products brands (Tata Kosh and Tata Shaktee) have introduced a digital learning platform for Distributor Sales force called 'Learners Academy'. This initiative was adjudged as Winner of 'Golden Peacock Award' in the Innovative Product / Service category for FY2022-23. With 67 modules & 8,000+ skill completions, the app based online training programme is now graduating towards a campaign-based learning for focused & intensive learning. Tata Shaktee was adjudged the 'Consumer Super Brand 2023' for the 6th consecutive time by 'Superbrands India' for brand value, years of existence, customer loyalty, business growth and brand equity. Tata Shaktee & Tata Kosh consumers are currently catered to by 8,000 dealers through, 42 B2C channel partners and with active promotion support from a large influencer base.

Tata Tiscon (Long Products B2C brand) achieved a growth of ~17% Y-o-Y & best ever sales volume in retail in FY2022-23. This was enabled by enhancing dealer base across the country from 6,200 to 9,000 dealers during FY2022-23 covering 8,000+ pincodes and enriched engagement with ~6,00,000 consumers and ~30,000 influencers. Architect, Contractors & Engineers ('ACEs') are the initial touchpoints for an Individual Home Builder ('IHB') and play a pivotal role in providing the required guidance on design, building material including TMT rebar, cement, etc. Tata Tiscon launched Tiscon Grand Masters programme to collaborate with ACE community and enable consumers to build their dream home. 5,500+ ACEs have been onboarded on the programme in FY2022-23. Tata Tiscon conducted phase 1 of Tiscon Green Home Awards – a design challenge to recognise pioneering engineers who are designing houses with 550 MPa strength rebars instead of current practice of designing with 500 MPa strength rebar without compromising on the safety of structure. Academia from IIT Roorkee, NIT Trichy and Jadavpur University formed the panel of jury for the award.

Industrial Products, Projects and Exports (IPPE):

IPPE is made up of five segments – Commercial & VAP, Engineering, Downstream (FP & LP), Wire rod & SBQ and Exports. IPPE sales during FY2022-23 was 8.51 MnT with domestic sales of 6.90 MnT and Exports of 1.61 MnT. In FY2022-23, Domestic sales for IPPE registered a

growth of ~14% led by strong recovery in domestic demand and growth in discerning and enriched subsegments of Engineering and Downstream products.

Engineering segment: IPPE continued its focus on Engineering segments and Value-Added Products ('VAP') through product mix enrichment. Engineering Segment achieved best ever sales at ~773 KT with Y-o-Y growth of 17% enabled by healthy growth across all key sub-segments such as Oil & Gas (O&G), Pre-Engineered Buildings (PEB), Railways and Construction & Projects. IPPE contributed towards construction of 3,300 km of O&G pipelines, ~47 Mn sq ft of PEB structures and production of ~23,000 L&E equipments. IPPE also achieved mix enrichment in L&E hi-strength steel supplies from 12% in FY2021-22 to 17% in FY2022-23 and grew supplies of API X70 in Oil and Gas by ~27% Y-o-Y.

Downstream: Flat Products (FP) Downstream business contributed ~897 KT sales in FY2022-23, a growth of 13% over FY2021-22 (792 KT). In our effort to position ourselves as a leading supplier in serving to the Indian Appliance & Furniture, Building & Construction, Packaging, Electrical Lamination and Capital Goods Segments, we focused on serviceability and customisation of products. In FY2022-23, supplies to building and construction segments was 495 KT against previous year supplies of 432 KT for different products like FHCR (full hard cold rolled), and coated products. Tata BlueScope Steel Private Limited is a major partner in serving this segment where we have started coated products supply and in very first year achieved a volume of 47 KT. Other segments like packaging have grown from 37 KT to 47 KT, Capital Goods from 35 KT to 39 KT, and Electrical Lamination supply increased from 14 KT to 22 KT level in FY2022-23 with respect to previous year.

Long Products (LP) Downstream business contributed ~210 KT of sales in FY2022-23, a growth of 42% over FY2021-22. Tiscon ReadyBuild sales (Cut & Bend rebar solution) crossed 200 KT mark for the first time and Sm@rtFAB (Welded Wire Fabric solution) clocked 6 KT which accounted for 4x growth, both achieving their highest-ever sales. In our effort to become leaders in Construction solutions by shaping the market and becoming knowledge-intensive leaders, we focused on capacity expansion, serviceability and customisation of solutions for all our customers. Key Marquee projects served through our solutions were Ahmedabad-Mumbai Bullet Train, Delhi International Airport, Chardham Tunnel Project, various Multinational Companies, and metro projects in Pune, Kanpur and Bangalore.

Wire Rods & SBQ: FY2022-23 sales growth of 15% happened in CWE (continuous welding electrode) segments (98 KT sales w.r.t. 86 KT in FY2021-22) as we focused on attaining the most preferred supplier status with our customers. New grades were developed in Tyre Bead (TB) segment as per changing BIS norms. We continued to maintain our share of business with discerning customers.

Exports: Steel exports contributed 1.61 MnT sales in FY2022-23. Post imposition of Exports duty for non-alloy steel in May 2022, in efforts to maintain exports levels in line with domestic market sentiments and inventory targets, team developed Technical Delivery Conditions (TDCs) for alloy steel with Boron along with technology and planning teams and ensured swift customer acceptance. This aided in Exports of 0.9 MnT Alloy Steel to 5 geographies. We scaled-up our initiative of digital exports via smart Letter of Credit (L/C) and electronic documents by converting 5.2% of total volume through shipments to 3 geographies, on-boarding of 7 customers and pioneering of the first-ever Electronic B/L for imports into Turkey.

Services & Solutions: In FY2022-23, Tata Pravesh Doors and Windows registered Gross Merchandise Value of Rs.216 crore. The installation figures have increased to 150K units in FY2022-23, a Y-o-Y increase of 72%. Nest-In achieved an order book of Rs.490 crore, execution of Rs.205 crore and sustained to be EBITDA positive (Rs.4.5 crore). Nest-In also augmented business by nurturing Key Account Customers (69% of order contribution) resulting in smooth handing over of ~125 projects spanning around 5 lakh sqft.

Digital Initiatives: Tata Steel Aashiyana, an early engagement & e-commerce platform for Individual Home Builders ('IHB') achieved a growth of 17% over FY2021-22. Aashiyana moved to 100% digital payment modes in December 2022 and is available as a mobile application for Android and iOS users. The platform successfully migrated to Adobe's Digital Experience Platform (DXP) with features like Hyper Personalisation, vernacular content in 9 Indian languages and analytics-based insight generation. The Company rolled out its channel and sales management application, Sampoorana, across its retail business verticals. Currently, there are 12,000+ dealers across brands Tiscon & Shaktee connected through the application. Tata Steel's digital platform for ECA customers, DigEca has enabled a direct touchpoint for ECAs to place enquiries, negotiate, place & track orders & register complaints. The platform has helped Tata Steel to track and reduce sales loss from an average of 9.5% in FY2021-22 to 7.5% in FY2022-23. Over 1,100 customers have now organically registered onto DigEca. Further, DigEca Mobile native app was launched for both Android and iOS ECA users. For its B2B customers, Tata Steel rolled-out its end-to-end supply chain visibility platform, COMPASS, to a larger set of customers across flat products, long products, Automotive, Tubes and Wires businesses. To enhance customer experience and convenience in B2B segment, the platform's UI/UX (User Interface User Experience) was redesigned and Mobile native app was launched ensuring easy accessibility on hand-held devices.

c) Engineering & Projects

Engineering & Projects ('E&P') continued its effort to support Tata Steel's growth and sustenance goals by ensuring capital projects progress in FY2022-23 amidst somewhat easing but continued recessionary pressure and sporadic supply disruptions, due to geopolitical tension. Significant progress has been made in growth projects at Tata Steel Kalinganagar ('TSK'), Iron Ore Mines and other sustenance & improvement projects at Jamshedpur and Meramandali. Prioritisation of capex deployment is being done continuously considering future market opportunities, decarbonisation/sustainability impact and business value proposition.

During FY2022-23, the division has successfully completed the following projects:

- Paste Thickeners at Khondbond and Joda Iron Ore Mine.
- Commissioning Pellet Plant at TSK.
- First Full Hardened Cold Rolled (FHCR) Coil dispatch from CRM (Cold Rolling Mill) – PLTCM (Pickling and Tandem Cold Mill) at TSK.
- Dismantling of Batteries and major structures in Coke Plant at TSJ.
- Installation of 3 solar power plants at TSJ.
- Revamping of Pickling line of Narrow Cold Rolling Mill (NCRM) at TSM – Khopoli.

The division has successfully completed some of the first time initiatives such as single heaviest (680 MT) lift for erection of Stove Shell of Blast Furnace #2 at TSK, casting of largest raft (2,494 Cu.M) foundation in Iron Ore Processing Plant at Noamundi, largest single pour concreting (3,055 Cu.M) in Tertiary Treatment Plant, use of implosion technique for demolition of Chimney#5, 6 & Coal Tower#3 in Coke Plant at TSJ in running plant with zero deviation from planned line of fall and in-house manufacturing of Stamping, Charging & Pushing (SCP) machine for Coke Plant at TSK, 40 Ton Automatic Stacking & Reclaiming System crane for Cold Rolling Mill at TSK, 300 Ton test wagon & 2nd largest ladle turret in India at Tata Growth Shop (TGS).

The key projects currently under execution are:

- Capacity expansion at TSK Phase 2 with a target of commissioning Caster#2, Continuous Annealing Line and progressing on other key facilities.
- Progress on electro-mechanical erection for Iron Ore Processing Plant at Joda East and Noamundi Iron Ore Mine.
- Engineering for 1 MTPA New Battery and mechanical erection for Air Separation Unit at Jamshedpur.

Tata Steel has started planning for doubling its crude steel capacity to ~40 MTPA by 2030. Growth proposals across multiple locations are being developed while ensuring consideration to decarbonisation targets. The Division has taken up the following key initiatives to improve its future readiness for achieving this target:

- Capability building initiatives in some of the key knowledge domains such as Project & Construction management and Value Engineering through tie up with leading academia and professional bodies.
- Improvement in Construction safety.
- Strengthening in-house manufacturing capability.
- Ramping up Infrastructure amenities and logistics capacity
- Increasing vendor base in identified categories.
- Developing smart and integrated digital platforms for the division.
- Benchmarking the processes against industry best practices.

d) Sustainable Steel Business Initiatives

i) New Materials Business

The New Materials Business ('NMB') was set up with the vision to create a knowledge intensive business in materials of future. Set up in 2018, the business has grown at a Compounded Annual Growth Rate (CAGR) of ~200% over the last two years. NMB currently has three material verticals – Composites, Graphene and Medical Materials.

Fibre Reinforced Polymer (FRP) Composites

Composites industry in India is expected to grow at a CAGR of 8-10% in FY2023-24. Tata Steel composites business is enabling this ecosystem by playing the role of an integrator in an otherwise fragmented industry structure.

Tata Steel composites business is driving the adoption of sustainable lightweight solutions in Industry, Infrastructure and Railway sectors. In FY2022-23, it is slated to be amongst the top 3 Indian composite players.

The business has continuously enriched its basket of offering by developing new products such as, Silicon Carbide lined pipes for Fulel Gas De-sulphurisers (FGDs). The business has been leveraging group synergy to offer world class solutions to Indian Railways. It has been awarded an order for complete seating system for 22 rakes of Vande Bharat Express. The manufacturing facility at Khopoli, Maharashtra, which will produce honeycomb-cored sandwich panels for railway applications, will start commercial operations by Q3 FY2023-24.

Graphene

The Graphene business has developed six technology platforms. WONDRA range of conveyance, construction and coating solutions on Elastomers, Thermoplastics and Dispersions technology platforms have witnessed strong traction in the market. Applications of Graphene in areas of Energy, Fibres and Filtration are under incubation.

Leading the Graphene revolution in India, the business in collaboration with Government of India has established the first Graphene Centre in India at Kochi. The business has also entered into a joint development programme with University of Manchester, to conceptualise and commercialise Graphene related applications.

Medical Material and Devices

The medical materials business further consolidated its position in the import dominated Advanced Ceramics material market with the dedicated bio-ceramic production facility running at 100% capacity. During the year, four grades of Hydroxyapatite were commercialised.

This is in line with the business' vision to create affordable and global standard health technology solutions for India and the World and, making India self-reliant in the medical technology space. Upscaling and validation for Collagen, Gelatin and Amino acid formulations were also completed during the year.

ii) Steel Recycling Business

Tata Steel has always prioritised its role as a corporate citizen towards the people & planet. Setting up Steel Recycling Business ('SRB') is a definitive step towards sustainable Steel production.

The SRB plant at Rohtak achieved ~280 KT dispatch with a revenue of ~Rs.1,255 crore in FY2022-23. This plant has achieved almost 100% capacity utilisation in Q4 FY2022-23.

SRB has leveraged the power of digital to set up robust supply chains, as the collection and aggregation of scrap for the recycling plant entails reverse logistics. FerroHaat, a digital app, was launched to source steel scrap from the scrapyards. This app has enabled deep penetration into the value chain & fostered transparency and ease of doing business in a hitherto trust deficit sector. The scrap is procured through the digital FerroHaat app, a first-of-its-kind in the world. Over 180 vendors have been registered on the app for supply of scrap.

Indian scrap market is poised to grow at a CAGR of ~7% to reach ~45 MnTPA by 2030. Policies like Vehicle scrappage policy and Steel Scrap Recycling Policy are likely to give an impetus to this sector. However, India is currently a scrap-deficit nation & imports a considerable amount

of scrap from the US & Europe where there is surplus of scrap. Further scrap imports are likely to become more difficult owing to protectionist measures by exporting countries. Accordingly, the role of SRB gains prominence in securitising the supply chain of scrap which is one of the future raw materials for steel production.

Besides Sustainability benefits, the SRB is also dovetailed with the long product growth strategy of Tata Steel. Plans are afoot to set up EAFs & Mini Mills for forward integration into long products. This would pave the way for growth of long products in a sustainable manner.

e) Tubes Division

Tata Steel's Tubes Strategic Business Unit is a leading manufacturer of pipes and tubes in India having its manufacturing facility situated at Jamshedpur, Khopoli, Sahibabad and Hosur with an annual production capacity of around ~1,300 KTPA. The four main lines of businesses are Structural Tubes (Tata Structura), Precision Tubes (Boiler, Automotive and General Engineering), Conveyance tubes (Tata Pipes) and API Pipes (Oil and Gas Pipelines). Tubes Division has also ventured into the Services and Solutions segment with their latest offering Tata Ezyfit (door and window frames).

Tubes Division has expanded production capacity to 1,300 KTPA by addition of 4 new Tubes Manufacturing Partners (264 KTPA) in FY2022-23. Our product portfolio will now include High Aspect Ratio ('HAR') Tubes and capacities of thinner casing pipes, Tata EzyFit (door and window frames) and Large Dia Pipes (5" to 12") will increase. Increased focus on exports with ~5.5 KT of exports in FY2022-23.

While the demand for Electric Resistance Welded (ERW) steel tubes and pipes was stable across the year, the high volatility in steel prices especially in the first and last quarters of the year owing to the Russia-Ukraine tension and import duty imposition led to some speculative calls by customers. The stable gap between HRC and secondary steel prices have ensured that the infiltration of strip (Patra) based tubes was low. While the O&G segment remained affected by the international gas crisis, the tube demand from automotive segment is yet to reach pre-pandemic levels.

The production and sales performance of Jamshedpur plant is as below:

Production and Sales of Tubes Division (KT)

(Please refer annual report for graphs)

Note: Tubes represents Jamshedpur tubes division and for FY2022-23 it represents Total tubes division including Jamshedpur, Khopoli, Sahibabad and Hosur.

During FY2022-23, the production and deliveries of Jamshedpur were better by 77 KT and 64 KT respectively over FY2021-22. The tubes and pipes of TSM was reported under steel, which is being dis-continued post-merger.

Key Business Highlights:

- Achieved best-ever production of 890 KT against previous best of 800 KT.
- Achieved best-ever Sales of 880 KT against previous best of 792 KT.
- Achieved lowest-ever customer claims at 775 PPM.
- Increase in market share from 11% to 14% in Tata Structura Retail Channel via channel augmentation.
- 16% Y-o-Y growth achieved in the Industrial and Infrastructural segment in FY2022-23 through effective utilisation of TSM Khopoli Large Dia Pipe (LDP) mill capacity.

Recognition:

- Tata Structura won Global Brand Excellence Award by World Brand Congress.

- Tata Structura Hollow Sections becomes the 2nd Brand in Tata Steel after Tata TISCON to get EPD (Environmental Product Declaration) certified.
- Tubes Division becomes the first Tube Manufacturer in India to receive ResponsibleSteel™ Certification.
- Tata Structura was awarded with ‘customer centric excellence’ award at the GCC Business Leader of the Year event organised at Dubai, UAE.

f) Wires Division

The Company’s Global Wires India (‘GWI’) Business Unit is the largest manufacturer of steel wires in India. The manufacturing plants are located at Tarapur, Pithampur and Jamshedpur, and contribute to nearly 65% of its sales volume, with remaining 35% being catered by Wires Processing Centres. GWI caters to the requirements of the Indian Automobile, Construction and the rural markets with various products.

The production and sales performance is as below:

Production and Sales of Wires Division (KT)

(Please refer annual report for graphs)

During FY2022-23, the division achieved a production of 460 KT, higher by 23 KT over FY2021-22 and deliveries of 469 KT higher by 30 KT over FY2021-22 with addition of new manufacturing capacity for Low Relaxed Prestressed Concrete (LRPC) and debottlenecking initiatives.

Key Business Highlights:

- A new LRPC manufacturing line of 36 KTPA started to cater to rising infrastructure requirements as a result of Government’s focus and initiatives in the sector.
- Enhancement in the downstream Services & Solutions portfolio with augmentation of Knotted Fence capacities and introduction of new product 3D Weld Mesh in the product portfolio.
- IHT spring wire capacity ramped up to 7.8 KTPA with speedy approvals from all major customers like Gabriel, Endurance, Bajaj Auto & Honda and thereby facilitating Atma Nirbhar Bharat by substituting imports.
- Capacity enhanced in Aayush coated GI wires to 30 KTPA .
- Launched the premium and compacted binding wire PIP which occupies 33% lesser storage space and is more resistant to damage during transit.

Recognition:

- Tata Wiron was awarded the Best Quality Improvement Project award in the CEAT’s Quality Based Management Excellence League – A contest held by CEAT for its vendors in April 2022.
- Tata Wiron won TSL Environment Excellence Green Award’22 at Upstream & Downstream category.
- Tata Wiron – LRPC has won ‘Most Trusted Brand Award of the Year’ in the ‘Construction Times BAM Awards 2022’.
- Tata Wiron received Best Innovative Product Award for Knotted Fence and Product Launch of the Year 3D Welded Mesh under Fencing Category in December 2022.

- Tata Wiron – IHT has won the prestigious ‘National Pride Excellence Award’ in the category ‘Most promising New Product in December 2022.
- Tata Wiron – LRPC has won Most Preferred Brand in Prestressed Concrete Projects at Construction Times Awards 2023 in January 2023.
- Tata Wiron – IHT won the prestigious ‘Business Leadership Award’ for the category ‘Emerging Product in the Steel Industry’.

g) Industrial By-Products and Management Division

Industrial By-product Management Division (‘IBMD’) manages solid wastes or by-products generated across the steel value chain. The division operates on 3R (Reduce, Reuse, Recycle) principles of circular economy to create value from waste, and ensures just-in-time supply of recyclable or remelting scrap to steelmaking units. During the year under review, the division handled ~16 MnT of by-products across locations. Through a series of sustainable value creation initiatives, the division delivered its best ever revenue performance, and witnessed a 24% Y-o-Y business growth in FY2022-23. The product portfolio of IBMD spans across 25+ categories with over 250 SKUs. IBMD strives to remain an industry benchmark in managing by-products through deployment of state-of-the-art technologies and new product development, thereby promoting circularity.

In the year FY2022-23, the division continued its journey to augment the infrastructure for handling and supply of steel scrap to steel melt shops at TSJ, TSK and TSM. In line with the sustainability initiative of maximising scrap-based steelmaking to lower our CO₂ emissions, over 1.5 MnT of steel scrap was recycled in the melt shops across locations in FY2022-23 (previous best: 1.2 MnT in FY2021-22).

During the year under review, in a pioneering initiative, the steel slag supplied by Tata Steel has been used to construct the road connecting Sino-India border in Arunachal Pradesh, under Project Arunank by Border Roads Organisation (BRO). Continuing with dedicated market making activities, IBMD ramped up the sales of the two branded steel slag products - Tata Aggreto and Tata Nirman. While Tata Aggreto has been utilised extensively in road construction applications, Tata Nirman has been established as a raw material of choice for cement and brick manufacturing segments.

At TSK, the in-house developed technology of accelerated weathering (steam aging) of LD slag has been successfully deployed, which has facilitated supply of Tata Aggreto from TSK as well. As an outcome of the consistent pursuit of developing slag-based downstream products, IBMD along with Technology group, manufactured green pavers and beton blocks by replacing natural aggregates with processed slags. Trials of these products have been successful and going forward, mass production and horizontal deployment across locations will be taken up through External Processing Agencies (EPAs). At TSJ, the use of briquettes developed from LF slag fines (Ladle Furnace Slag) has been established in steelmaking, which has potential to reduce lime consumption thereby improving resource efficiency. Through above initiatives, 100% LD slag utilisation has been achieved at all sites including and especially at TSM (for the first time). In another key achievement, IBMD has ramped up the sales of Ground Granulated Blast Furnace Slag (‘GGBS’), a Greenpro certified, value-added product based on Blast Furnace slag as partial replacement of cement in concrete and achieved best ever sales of ~87 KT in FY2022-23 (previous best: 68 KT in FY2021-22).

The new Processing & Sales Yard of IBMD at Marine Drive, Jamshedpur saw significant ramp-up of Flat Product (FP) scrap processing, providing major boost to the value-added metallics portfolio. The facility, which was inaugurated in November 2022, is equipped to deliver customised offering of Processed FP scrap to the customers, thereby generating incremental margin for the Company. With focus on safety and digitalisation, the sales yards infrastructure has been strengthened and has 100% CCTV coverage, man-less weighbridge operations, smart warehouse system and new transport parks with unidirectional traffic flow have been developed. Further the similar facilities are being commissioned at TSK & TSM for value addition to FP scrap. As a Retail Value Management initiative for Coal By-products, ‘Sampark’ campaign was rolled out with an aim to increase reach and share of business to ramp up sales of Coal Tailings in line with expansion plans of West Bokaro. During the year, IBMD developed a state-of-art Transport Park at Bhelatand, Jharia and commissioned a 5-lane wheel washing facility at West Bokaro aimed at improving environmental performance.

Going forward, IBMD continues to be guided by the long-term sustainability goals of Tata Steel with focus on circularity. A pipeline of projects based on circular business models are underway, such as commencement of sales of Ferrosil (granulated pig iron) from TSJ, LD slag granulation facilities at TSM and TSK, downstream products using LD slag such as Interlocking pre-cast blocks, tetrapods, etc. The infrastructure for storage & handling of remelting scrap across plant locations is being strengthened further to meet increasing requirement of scrap recycling in steelmaking in line with the Long-Term Plans.

Recognition:

- Recognised as 1st Winner of ‘Excellence in 3R for Industry’ Award (for 3rd consecutive time) at the CII International Conference on Waste to Worth 2022, for the exemplary work in managing own waste generated from the Jamshedpur plant.
- Adjudged as ‘Company of the year’ in Large Enterprise Category at Indian Circular Economy Forum (ICEF) 2022 as a recognition for adopting innovative & agile practices to promote Circular Economy.

- Received 'Most Innovative Environmental Project' award at 9th CII National Award for Environmental Best Practices 2022. The award was conferred for sustainable use of steelmaking slag in National Highways.

h) Ferro Alloys and Minerals Division

The Sukinda Chromite mine and Gomardih Dolomite mine leases expired as per the mining regulations on March 31, 2020. The Sukinda Chromite Mines was put up for auction and subsequently Tata Steel Mining Limited (formerly TS Alloys Limited), a wholly-owned subsidiary of Tata Steel Limited had participated in mining auction in Odisha for Sukinda Chromite Mine and won the auction for the mine.

Owing to the shift of chrome business to Tata Steel Mining Limited, the Ferro Alloys and Minerals Division (FAMD) business is now limited to servicing the Steel Plants with Manganese alloys only and hence does not require any detailed discussion.

i) Bearings Division

Our Bearings Division is one of India's largest quality bearing manufacturers, having its manufacturing facility situated at Kharagpur, West Bengal with an annual production capacity of 40 million bearing numbers. The Company is foremost in the manufacturing of a wide variety of bearings and auto assemblies and the product range includes Ball Bearings, Taper Roller Bearings, Hub Unit Bearings, Clutch Release Bearings, Double Row Angular Contact Bearings, Centre Bearings and Magneto Bearings. The division is the only bearings manufacturer in India to win the TPM Award (2004) from Japan Institute of Plant Maintenance, Tokyo.

In the Domestic two-wheeler segment, the year witnessed a production growth of 17% from 17.7 Mn in FY2021-22 to 19.3 Mn in FY2022-23, which is primarily due to the recovery in urban segment. However, in the Export segment there was a sharp (18%) drop from 4.4 Mn in FY2021-22 to 3.6 Mn in FY2022-23. This was primarily due to the devaluation of currency in key export markets. The Domestic Tractor segment witnessed a 12% growth from 0.96 Mn in FY2021-22 to 1.08 Mn in FY2022-23. Tata Bearings serves Major OEMs in this segment.

The production and sales performance is as below:

Production and Sales of Bearings Division (mn nos.)

(Please refer annual report for graphs)

During the year under review, the division produced ~34 (mn nos.) and achieved deliveries of ~33 (mn nos.) which were higher over FY2021-22 by ~4.1 (mn nos.) (14%) in production and by ~4.2 (mn nos.) (14%) in deliveries respectively due to increase in demand.

Key Business Highlights:

- Bearing division has started commercial supplies to major EV two-wheeler manufacturers and is in the process of getting approvals from major OEMs.

- To enrich manufacturing set up, following facilities were added during the year:

- 2 Nos of Automatic Sizing machine.
- 1 No of Auto Greasing & Shielding (Single & Double RS/ZZ) Machine with Hopper.
- 500 LPH Water demineralisation Plant.

Recognition:

Bearings Division received '2022 India Long Term Association' award from Bosch Limited in 'Bosch India Regional Supplier Awards 2022' for Material Field Category – Bearings.

j) Business Improvement Initiatives

i) Total Quality Management and Shikhar 25 (Operational Improvement Programmes)

The Total Quality Management ('TQM') way of working has become a part of the DNA of Tata Steel for the past several years. The integrated TQM framework is used as the guiding principle to drive TQM practices in the Company.

At group level, Tata Steel remained the flag bearer on Business Excellence by continuing its lead in DATOM (Data and Analytics Target Operating Model) assessment and InnoVista awards. Tata Steel also organised group learning mission this year as part of our commitment to share the identified best practices with the group companies. 31 delegates from 18 Tata Group Companies participated in this mission and visited the operating facilities at TSJ and TSK. In our endeavor to make Tata Steel world class manufacturing organisation, we have extended the scope of 5S & VWM (Visual Workplace Management) to the service functions and also Total Productive Maintenance at Raw Material and Khopoli locations.

Recognitions and Felicitations:

A. At Group Level

- Tata Steel received the coveted 'JRDQV Award' and was also recognised as 'Benchmark Leader' in JRDQV function held on July 29, 2022, under the flagship Tata Business Excellence Model (TBEM).

- Tata Steel registered its best performance at Tata InnoVista by bagging 6 awards (including 1 most innovative partner) out of 15 total awards held on October 12, 2022.

B. Forums of Repute

- International Convention on Quality Control Circles (ICQCC): 4 SGA (Small Group Activity) and 1 MASS+(Manthan Ab Shopfloor Se+) team secured the highest category 'Gold' award in 47th ICQCC held during November 15-18, 2022 in Jakarta, Indonesia.

- National Convention of Quality Concepts (NCQC): 22 SGA circles and one MASS+ team won the Par Excellence award (highest category) in 32nd NCQC held during December 27-30, 2022 at Aurangabad.

- Asian Network for Quality (ANQ): 3 papers from India, all belonging to Tata Steel received 'Best Paper Award' in 20th ANQ Congress 2022 held virtually on October 26-27, 2022, at Beijing, China.

- International Quality Innovation Award: 2 applications of Tata Steel titled 'Online Quality Monitoring & Control at Sinter Plant' and 'Healthy Steel' were awarded under the categories Business Innovation and Potential Innovation respectively in the International Quality Innovation Award organised by China Association of Quality (CAQ) on February 23, 2023 in Almaty, Kazakhstan.

- Tata Business Excellence Convention (BEC) 2022 was held in Mumbai on December 18-19, 2022, to celebrate the excellence in initiatives across the Tata Group. During the event, Tata Steel received awards under the categories 'Building Excellence Capability' and 'Significant Engagement in Improvement Interventions' for demonstrating highest engagement across the multiple channels of Improvement Interventions of the Group.

- Annual Conference of Indian Society for Quality (ISQ): 3 projects from Tata Steel were awarded under the categories 'Quality Sustainability Award' and 'Quality Innovation Award' in the Annual Conference of Indian Society for Quality (ISQ) held in Chennai on December 9-10, 2022.

- ISQ Symposium: One of the Tata Steel papers titled 'AMRIT – To improve value realisation from co-product steel powered by advanced analytics' won the 2nd best paper award in the 1st ever ISQ Symposium held at Bangalore on September 23-24, 2022.

Treading New Paths:

- Tata Education Excellence Programme (TEEP) in collaboration with Tata Steel Foundation and Gulmohur High School, Telco organised

'Career Expo 2022' for the Senior Secondary school students of Jamshedpur on November 18-19, 2022. 25 colleges and universities from across the country participated where 3,500+ students and 170 teachers from 56 schools visited the Career Expo 2022.

- Tata Steel InnoVista: In line with Tata Group InnoVista awards, 'Tata Steel InnoVista' programme has been rolled out to enhance and further promote culture of Innovation at Tata Steel this year. It saw an encouraging response with 368 Innovative entries across 5 award categories. The top 18 entries selected by the Jury members got recognised on July 20, 2022, in an Apex level function at Steelenium Hall with participation from Group Innovation team.

- TSM (Meramandali, Khopoli and Sahibabad) and its 6 associated sites were recognised through a single Integrated Management System IMS (QMS + EMS + OHS) certification. This single certification enables standardisation of systems, cross-learning & deployment of audit findings and effective management of audits.

ii) Shikhar25 (operational improvement programmes)

The Shikhar25 programme, a multi-dimensional & cross functional initiative, is an EBITDA focused improvement programme across the value chain. A governance structure comprising cross-functional teams called 'IMPACT Centres' are put in place across Tata Steel Group to achieve the objectives of Shikhar25. At present, there are 50 IMPACT Centres functioning across the value chain wherein different TQM techniques are deployed for improving operational efficiency, process improvements, product mix optimisation, waste reduction and recycling, energy efficiency and revenue maximisation. The process includes comparing operating KPIs with internal and external benchmarks and identifying enablers to achieve best in class Yield, Energy, Throughput & Quality, etc. The initiatives include marketing and sales area and along with the digital initiatives help Tata Steel to improve customer connect. During the year under review, the Company, through its Shikhar25 programme achieved performance improvements of Rs.6,309 crore (including Rs.4,299 crore of value protection initiative).

With increase in complexity due to multilocal functionality, it was important to be agile enough to learn, evolve and transform faster, and to keep pace with the changing business needs. The impetus was on driving value by enabling global optima and resource synergy for the TSL Group resulting in synergy benefit of ~Rs.446 crore.

k) Safety Health & Sustainability

Health and Safety: The Company is committed to prioritising Health and Safety Management and achieve Zero Harm. To accomplish this, the Company is pursuing six strategies, which include building safety leadership capabilities at all levels, reinforcing contractor safety management standards to ensure zero harm to contract employees, improving the competency and capability to identify hazards and manage risks, enhancing road and rail safety throughout the Company, achieving excellence in process safety management, and establishing industrial hygiene while also improving occupational health.

During the year under review, the Company undertook several initiatives, including the establishment of a Practical Safety Training Centre in Jamshedpur. This initiative exemplifies the Company's commitment to improve risk perception of the workforce by imparting hands-on training on different modules such as Working at Height, Material Handling, Gas Safety, Confined Space, Heavy vehicle simulators, First Aid & CPR, and leveraging advanced technologies to visualise potential hazards through virtual reality scenarios. Moreover, the Company introduced a Behavioral Safety Theme Park, which serves as a forum for promoting learning through interactive discussions and fostering a cross-learning culture. It focuses on four primary causes of injury that occur within the organisation, namely Slip, Trip & Fall, Manual Task and Tools, Moving Machinery and Fall of Object, where personnel behavior is a crucial contributing factor.

The Company also made efforts to alleviate congestion of heavy vehicles on the road by constructing a new transport park at Meramandali, capable of accommodating 110 trailers/trucks, complete with amenities such as restrooms and canteens for heavy vehicle drivers. Furthermore, to reduce the risks posed by the simultaneous movement of heavy vehicles and two-wheelers on the road, two-wheeler entry has been restricted at TSM and TSK. A segregated timing has been implemented at TSJ to regulate the movement of two-wheeler and heavy vehicle and prevent their simultaneous movements.

To promote a positive safety culture throughout the organisation, the Company organised the Safety, Health, and Environment Reward & Recognition Function for the third time. This programme aims to recognise and reward employees / departments for their remarkable contributions and drive the positive safety culture at all levels within the organisation. This policy has now been extended to vendor partners and non-officers as well.

The Company made considerable efforts to enhance the safety competency of its workforce by training them on simplified safety standards through e-modules and providing them safety training at Safety Leadership Development Centre, Jamshedpur. The safety of contractors has continuously been a primary focus for the Company. During the year under review, the Company undertook various initiatives like 'Ghar se Ghar Tak' programme to sensitise its contractor workforce. Contractor Safety Management System (CSMS) has been deployed in all stockyards and Steel Processing Centers (SPC) of Tata Steel as well as across Tata Steel Group Companies.

Moreover, the implementation of the Centre of Excellence (CoE) methodology for Process Safety has gained traction, leading to improved process safety competencies among employees. Presently, the CoE-driven process safety initiative has been rolled out in most of the high hazard departments at TSJ, TSM & TSLP. To create a safer, more resilient, and sustainable organisation, identification of the top five risk across all departments of TSL India was done and implementation of strategic risk mitigation plan is in progress. Advance level training programme on Process Safety was conducted by National Examination Board in Occupational Safety and Health (NEBOSH) certified experts.

To provide a holistic approach towards the adoption of digital and technology in maintaining safety within the organisation, the Apex Digital and Technology Safety Subcommittee prioritised standardising technological interventions for critical equipment while also improving the maturity of digital and technological projects, scaling them across Tata Steel.

Occupational Health & Safety: Tata Steel has implemented a comprehensive Industrial Hygiene programme which includes identification of occupational health hazards, risk analysis, and assessment of actual exposure through hazard quantification. It also focusses on implementation of hazard control measures to maintain minimum exposure level and to reduce occupational health related risks. During the year under review, over 500 awareness sessions on 'Health & Well-being' have been organised across Tata Steel India for the employees and contract employees. Tata Steel has been recognised for 'Wellness at Workplace' by World Steel Association in Safety & Health Excellence Recognition Programme 2022.

Fatality of contract employees has been the topmost safety concern for the Company. It is with deep regret that the Company reports 4 fatalities during the year under review. The Company launched hazard specific Safety campaigns viz. 'Slip/Trip/Fall', 'Hands are not Tools', 'Road Safety', etc. across locations to address gaps and improve safety awareness. Lost Time Injuries (LTI s) at Tata Steel (India & South-East Asia) have reduced by 16% from the previous year. Tata Steel Meramandali achieved more than 50% reduction in LTIs. Slip/Trip/Fall related LTIs remain a major concern.

At Tata Steel Europe, Health and Safety continues to be of utmost priority. It is with deep regret that Tata Steel at UK reports one (1) fatality during the year under review. An integrated health and safety management system ensures a consistent approach to health and safety throughout the organisation. The Health and Safety Management System follows the Plan, Do, Check, Act management model, which is a process of continuous improvement.

Sustainability: Tata Steel is committed to sustainable development in its operations and has embedded principles of resource efficiency, circular economy, minimising ecological footprint, zero harm (health of safety of workforce) and care for community in its working philosophy. Tata Steel has taken short medium and long-term goals towards carbon reduction and has built supporting governance processes to ensure we are continuously aiming to achieve the targets set. We also have set similar targets on freshwater consumption, minimise loss of biodiversity and coverage of 100% critical supply chain partners for ESG risk assessment. Furthermore, United Nations Sustainable Development Goals ('UN SDGs') form an integral part of the Company's long-term strategy and the Company has undertaken internal assessment for prioritising the goals and started monitoring the actions set to achieve the targets for each applicable SDGs.

Tata Steel supports and complies with the domestic and international standards and regulations/laws including those related to labour and human rights, such as the Universal Declaration of Human Rights, the UN Principles on Business and Human Rights, and the International Labour Organization Convention. Tata Steel has introduced a policy and a framework for shared growth between suppliers, distributors, and Company for supply chain management with ESG perspective through the deployment of 'Responsible Supply Chain Policy'.

To accelerate our efforts in becoming a leader in sustainability, we use Life Cycle Assessment ('LCA') tool effectively to evaluate and communicate our products' environmental performance across its lifecycle. Our LCA studies are done in accordance with worldsteel LCA methodology which are guided by ISO 14040 and ISO 14044 standards. Aligning with the goal to cover all steelmaking and downstream sites under LCA, this year we have completed the LCA study for downstream facilities at TSM Khopoli, TSM Sahibabad and CRC West covering a total of 8 different product categories. In FY2022-23, Tata Steel published its first Environment Product Declaration (EPD) for Steel Rebar for facilities in Jamshedpur Works as well as other manufacturing SPC (Steel Processing Centre). This was followed by EPD for Steel structural hollow section under the brand Tata Structura manufactured at Tata Steel Tubes division along with other different production units. EPD was published for Steel Hot Rolled Coil covering all manufacturing locations across Jamshedpur, Kalinganagar and Angul. Furthermore, Tata Ezyfit, which is a brand of innovative tubes for windows & door frame section received GreenPro certification. We have also carried out a LCA study for one of our Fibre Reinforced Polymer ('FRP') product to understand its life cycle environmental impact. In the coming years, we aim to receive eco-labels ('GreenPro') and transparently disclose environmental performance for our key products manufactured across various sites to support our customers with product related sustainability information.

At our UK operations, we developed the Product Assessment Carbon Indicator (PACI) tool. This streamlines the process of undertaking life cycle studies of products and enables an understanding of greenhouse gas ('GHG') emission hot spots and trade-offs in the steel product value chain, which can be used to inform new product developments and optimise existing manufacturing routes. PACI has been used to support collaborative projects with customers and to support sharing and learning about opportunities for emissions reduction over the product's life cycle from manufacture through to use and finally end-of-life: for example, working with an automotive OEM to examine all aspects of materials selection, including material type, steel grade, gauge, and aspects of formability and part design. Another example has been the use of the tool in understanding the trade-off between benefits in use from improving motor efficiency versus embodied GHG emissions associated with different grades of electrical steels. The tool has recently been recognised by the World Steel Association, winning a Steelie award for Excellence in Life Cycle Assessment.

Tata Steel has made significant efforts to persistently improve and enhance its performance in biodiversity conservation and significantly reduce its impact on the ecosystem. Our Indian operations are not located in any of the identified biodiversity hotspots or protected areas. During FY2022-23, we developed the Biodiversity Management Plans ('BMP') for Tarapur and Sahibabad. We have developed BMPs for 15 locations and plan to cover 100% sites to assess the impact and dependency of direct operations on biodiversity by 2024. We have planted over 3.2 lakh saplings of native species across locations. Kadma Biodiversity Park is spread across 13.5 acres where 5,650 trees and 4,650 shrubs have been planted, the park has 2.2 Km of walking trail, a yoga and meditation zone, bird watching areas, rainwater harvesting ponds, lilly ponds, butterfly zones, and fruit and bamboo orchards. The park houses several clusters of native species of trees planted as groves. It also has bird and squirrel nests, deep forest areas, grass lands and an information centre for flora.

At our UK operations, we are guardian to large areas of natural habitat, including several Sites of Special Scientific Interest ('SSSI'). In addition to meeting our responsibilities for protected sites, we also look for opportunities to encourage biodiversity on other landholdings and thereby contribute to protecting the natural heritage of UK's landscape. Former blast furnace cooling lagoons at our Shotton site are now a haven for wildlife. Attracting 12 nesting pairs of common tern in 1970 with the creation of a small raft on the lagoon, the area has become home to one of the UK's largest colonies of this vulnerable bird species and has seen over 20,000 chicks fledge successfully. The site has been a nature reserve for 50 years and a designated SSSI since 1990. In 2021, a project team of apprentices, volunteers and supply partners refurbished the colony, creating new tern islands on the lagoon, connected by a new steel walkway. The project, assisted by a Welsh government grant, involved the donation of steel for a base and moving 130 tonnes of shingle from the shore onto the nesting islands by helicopter to refurbish the islands, creating a nesting site that the migratory birds will return to, for years to come.

Climate Change: India is currently the second-largest steel-producing country in the world after China. Demand of steel in India is projected to increase 4-5 times by middle of century backed by domestic steel consumption required for infrastructure growth in the country. The National Steel Policy envisages 300 MTPA steel production in India by 2030. Accordingly, we will aim to protect our market share in line with the growing steel demand in the country.

India's growth trajectory in the coming decades poses key challenges for the domestic Steel Industry. Firstly, many of the near-zero emission steelmaking technologies are currently at pilot scale and are yet to become viable for large scale commercial production. Secondly, due to relatively young stock of steel infrastructure, buildings and goods indicates scrap availability would not be able to cater to this increased steel demand.

We have plans in place to grow our capacities significantly through Electric Arc Furnace ('EAF') route, however due to issues related to scrap availability and logistics, primary steelmaking would be predominant in our upcoming capacities. Hence Carbon Capture & Utilisation and Generation & usage of Green H₂ in steel value chain are identified as our R&D technology leadership focus area. We are actively engaging with technology companies, academia, companies from other sectors having similar challenges on development and scale-up of deep decarbonisation technologies.

A 5 TPD pilot plant has been successfully commissioned at Jamshedpur to capture CO₂ from blast furnace gas. The captured CO₂ is being utilised for water treatment at a steelmaking unit. We are currently working on another pilot on Carbon Capture and Utilisation to produce value added products.

We are evaluating our investments in different existing technology choices (DRI production using either Natural gas/Coal Bed Methane or syngas from coal gasification) which can enable the transformation of our business models towards production of net zero emissions steel in long term once green Hydrogen and Carbon Capture technologies becomes technologically and commercially viable.

Tata Steel has developed a low carbon transition strategy which progressively reduces reliance on fossil fuels.

Following are short, medium and long term goals.

Short Term:

- Entry into Steel Recycling Business to create a formal circular economy for steel in India.
- Utilisation of higher scrap charge in the steelmaking process in India.
- Adoption of best available technologies and improvement in existing processes.
- Improving quality of raw material (iron ore and coking coal).

- Increase share of renewable energy in power mix.

Medium Term:

- Capacity addition in India using scrap Electric Arc Furnace (EAF) route.
- Shifting from metallurgical coal to cleaner fuel like natural gas/Coal Bed Methane.
- Upscaling pilots of CCU and Hydrogen based steelmaking.
- Piloting new technologies in partnership with academia on pilot projects which are at low Technology Readiness Level (TRL) stage.

Long Term:

- Scale up of Hisarna technology.
- Adoption of DRI route capable to operating with present day and future reductants e.g. Natural gas/ Coal Bed Methane or Syngas from coal gasification or Hydrogen.
- Sustainable production, storage, and use of H₂ across the steel value chain.
- Carbon Capture & Utilisation dovetailing in existing processes.
- Research on advanced materials.
- Collaboration with technology companies and academia.

In our UK operations, we continue to pursue control technologies to reduce our environmental footprint. At our site at Corby, Northamptonshire, we have announced a £5 million investment in state of the art electric induction furnaces which will reduce emissions from one of our tube mills by at least 2,000 tonnes of CO₂ a year; the first part of our extensive plans to make the Corby site CO₂ neutral in line with Tata Steel's declared environmental ambitions of becoming Net Zero globally by 2045.

The Shotton sustainability commitment, launched in 2022, builds on decades of effort, uniting the activities already started and establishing these principles further within operations so that the Shotton site can provide a positive environmental legacy. The holistic approach to sustainability covers four key themes of sustainable development, giving a clear focus for all business decisions made today, and in the future:

- 1) Reducing the site's carbon footprint.
- 2) Developing and producing products and services that support sustainable construction.
- 3) Protecting and expanding the biodiversity that co-exists on the site.
- 4) Maximising material efficiency and achieving zero on-site waste.

In the coming years, TSN IJmuiden will transform into a green steel company running on green electricity and hydrogen, with lower local emissions. TSN's site in IJmuiden will undergo a complete transformation. In the future, today's primary steelmaking process will be completely replaced by green steel production using DRI (Direct Reduced Iron) and electric furnaces technology that runs on hydrogen. New facilities and electric furnaces will run on sustainable power sources like green hydrogen or green electricity instead of on coal. The blast furnaces and coke and gas plants will be taken offline, as well as the sinter lines, and no more blast-furnace gases will be supplied to the Vattenfall power stations. After additional measures, TSN IJmuiden will ultimately become a carbon-neutral steel production site with significantly reduced local emissions.

The green electricity needed for this can be generated in offshore wind farms in the North Sea and elsewhere. Part of the electricity needed for hydrogen production will be supplied from the North Sea, making it possible for a share of green hydrogen to be produced on site. Hydrogen will also be imported, for example from the hydrogen backbone. TSN will continue to be a leading steel company that produces high-quality steel, but in the sustainable manner that offtakers and the local community demand and expect. Offtakers will use the green steel to realise the energy transition in other industries. TSN will continue to lead in expertise and development, and to be a major employer in the region. By ceasing the large-scale use of coal, some of TSN's site may be freed up for new industrial purposes, as well.

l) Corporate Social Responsibility

Tata Steel Foundation is the primary implementing partner for the corporate social responsibility programmes and strategy of Tata Steel. It works directly on executing programmes in close collaboration with communities, public systems and partners. The Foundation envisions an enlightened, equitable society in which every individual realises his/her potential with dignity and works with tribal and excluded communities to co-create transformative, efficient and lasting solutions to their development challenges. This brings together the sociological and cultural context of geographies proximate to the operations of the Company, the core commitment of the Company to demonstrate leadership in addressing societal challenges and its deep experience in implementing societal change programmes.

In FY2022-23, CSR programmes directly touched the lives of over 3.15 million people from the most vulnerable sections of society, including initiatives that covered a post-COVID scenario of extending medical amenities to communities in need.

The Company focuses on signature themes which are large-scale proven change models addressing core development gaps in India, while being replicable at a global platform. They include programmes on health (maternal and child mortalities), education (access to school and learning enrichment) as well as holistic and comprehensive development of panchayats between the key manufacturing locations of Jamshedpur in Jharkhand and Kalinganagar in Odisha. Tata Steel continues to also be conscious of the specific nuances of tribal communities who form a significant proportion of the population in the operating geographies and at a larger pan-India level through the Samvaad ecosystem including its platforms – Tribal Leadership Programme, tribal languages, Samvaad Fellowship and Tribal Cuisine to name a few.

An equal emphasis is laid on regional change models enabling lasting betterment in the well-being of communities, prioritising those who are excluded and proximate, through extensive engagements on holistic, relevant themes - health, education, livelihoods, drinking water, infrastructure, sports, household nutrition, a life of dignity for Persons with Disabilities, effective grassroots governance, eliminating the worst forms of child labour and fostering a voice for women amongst communities. A carefully assorted set of programmes are activated in the peripheries of the operational locations of Tata Steel in India including Jharkhand, Odisha (including its manufacturing, mining and port locations, Uttar Pradesh (Sahibabad), Maharashtra (Khopoli) and the more recent spread to Punjab (Ludhiana).

During the year, the Tata Steel Foundation has spent Rs.511 crore on CSR activities (Rs.480.62 crore from Tata Steel as its primary funder) which is 2.08% against the regulatory mandate of 2% of average net profit of the immediately preceding three financial years and a 17% increase against the commitment of FY2021-22.

2. Tata Steel Long Products Limited

FY2022-23 has been a year of strategic achievements for Tata Steel Long Products Limited ('TSLP') despite multiple headwinds that the business faced. There had been several historic moments for TSLP towards its growth and transformational journey.

With the completion of acquisition of Neelachal Ispat Nigam Limited ('NINL') in July 2022, crude steel capacity of the TSLP has almost doubled to ~1.9 MTPA level. NINL (a company which was not operational for >3 years) the operations were reignited within 3 months of acquisition with the start-up of the Blast Furnace. All the major facilities (except the Coke Oven) achieved stabilisation towards the end of FY2022-23. It has steadily ramped up its operations including iron ore mine and ended the year at 1 MTPA (Crude Steel + Pig Iron) rate in March 2023. It has produced 202 KT of crude steel in FY2022-23 and enabled TSLP to expand its product portfolio by leveraging Tata Tiscon Retail brand. System and processes have been put in place and strengthened as part of the Tata way of working. Newer set of benchmarks and milestones created by deeper engagement with all the stakeholders.

The turnover and profit/(loss) of TSLP consolidated for FY2022-23 are as follows:

		(Rs. crore)
	FY 23	FY 22
Turnover	8,992	6,802
EBITDA	(613)	1,288

Profit before tax (PBT), before exceptional	(2,536)	885
Profit before tax (PBT)	(2,538)	858
Profit after tax (PAT), before exceptional	(2,302)	657
Profit after tax (PAT)	(2,304)	630

The performance of NINL Business is included in FY2022-23.

The production and sales performance of TSLP (on a standalone basis) is given below:

			(mn tonnes)
	FY 23	FY 22	Change (%)
Crude steel	0.71	0.68	3
Saleable steel	0.71	0.67	6
Sales	0.66	0.65	-

The production and sales performance of NINL is given below:

			(mn tonnes)
	FY 23	FY 22	Change (%)
Crude steel	0.20	-	N.A.
Saleable steel	0.17	-	N.A.
Sales	0.17	-	N.A.

Another big milestone of growth journey started with the ground-breaking ceremony for putting up the State of Art facility of 0.5 MTPA Combi mill for speciality steel in Jamshedpur. The upcoming mill would deliver benchmark level of product quality parameters in terms of dimension tolerance, decarb level and surface defect to enhance presence and grow in chosen segments of Passenger Vehicle (PV) and 2-Wheelers (2W). The project has also been selected & approved by Ministry of Steel for Automotive Power train and Bearing steel as part of PLI (Production Linked Incentive) scheme for Speciality steel. The project is under full swing focusing on timely completion.

On the sustainability front, TSLP made certain bold moves to reduce CO2 footprint. The prime focus area is transitioning towards green energy through multiple initiatives such as partial closure of one coal based captive power plant at Gamharia, maximising green power generation through waste heat recoveries and change in fuel combination to reduce fresh coal usage.

These initiatives coupled with increased throughput and reduced fuel consumption across mills have resulted in ~9% Y-o-Y reduction in CO2 from 4.39 tons/ton of Crude Steel in FY2021-22 to 4.39 tons/tcs in FY2021-22 to ~4 tons/tcs in FY2022-23.

As part of the customer obsession journey, TSLP has undertaken several initiatives to improve relationship, product quality and new product development. Positive impact of the initiatives has got reflected in the customer satisfaction survey conducted by an independent agency. Customer satisfaction score for TSLP has significantly improved to 85.4% in 2022 from 79.4% in 2020 and largely bridged the gap with respect to the competition.

On the operations front, TSLP has first time crossed the landmark of 700 KT+ of crude steel production and achieved highest ever speciality steel deliveries of 536 KT in FY2022-23 registering a growth of ~10% on Y-o-Y basis. TSLP has also achieved best-ever DRI production from Gamharia unit at 463 KT (~18% growth on Y-o-Y basis).

Continuing with its journey on integration, TSLP has migrated on S4 Hana across all three operating locations to have enterprise-wide single ERP (Enterprise Resource Planning) system.

The prolonged geopolitical instability in the form of Russia-Ukraine war resulted in heightened inflationary pressure in the post-COVID world.

Central banks across the world increased interest rates. Zero COVID policy and collapse of property market in China, energy crisis, export duty imposition on steel and iron ore by Indian Government further impacted the market sentiments. FY2022-23 saw volatility in the raw material and steel prices during the year like never before which is reflected in the quarterly results of the most steel companies and TSLP had been no exception to this. Accordingly, TSLP's financial performance for FY2022-23 had been a year of two halves. H1 FY2022-23 struggled on high priced coal consumption followed by downward spiral of prices post imposition of export duty in the month of May 2022 by the Government of India. In addition, the power availability from grid and certain disturbances at Blast Furnace impacted the operational performance. TSLP has demonstrated agility and re-aligned its supply chain to minimise the impact of coal prices and logistics disturbances in the marketplace. In H2 FY2022-23, TSLP's financial performance bounced back driven by operational excellence and mix enrichment. TSLP has changed Joda business model on conversion with Tata Steel to optimise its working capital requirement. EBITDA loss of H1 FY2022-23 got fully negated in Q3 FY2022-23 and TSLP has achieved positive underlying PBT (without considering the interest burden on the NCRPS) in Q4 FY2022-23. TSLP has remained resilient throughout the year and seamlessly managed cash flows thereby averting need of any fresh borrowing.

TSLP's efforts are getting recognised at various forums on multiple fronts. TSLP has bagged the Outstanding accomplishment in Corporate Excellence award from CII. The assessment happened across 250 sustainability indicators out of which >70% parameters reflect TSLP's strength area. The rest have been identified as opportunity for improvement for TSLP. TSLP has received a prestigious award that is first amongst Tata Group; as winner for excellence in wellness initiatives from SHRM (Society of Human Resource Management). TSLP is striving towards making the organisation free from life style diseases. In addition, TSLP has received other key awards as listed below:

Safety & Sustainability

- Steel Champion in Energy Excellence from CII.
- Kalinga Safety Excellence Award in 'Best Practices on behavioral & Workplace Safety'.
- Eastern Region 2nd Runner up for 'Best performance in employee health, safety & environmental care'.

Customer Engagement

- Best performance in Steel Quality from Mahindra CIE Group vendor conference 2022.
- Best Supplier of CHQ (Cold Headed Quality) Steel wire rods from M/s Micron Precision Screws, Rohtak.

People Management

- Future of Learning & Development (L&D) Summit & Awards 2022 – Winner in L&D Excellence Award Category.
- AIMA (All India Management Association) Project Excellence Award 1st Runner Up for Best CSR (Corporate Social Responsibility) projects.

During the FY2022-23, TSLP, on a consolidated basis had produced 893 KT of sponge iron (including 156 KT conversion for TSL) and 910 KT of steel as against 839 KT of sponge iron and 684 KT of steel in FY2021-22. Deliveries of FY2022-23 for sponge iron was 648 KT (including 151 KT conversion for TSL) as against 594 KT of FY2021-22. Steel deliveries was 822 KT as against 639 KT of FY2021-22 contributed by NINL acquisition. The turnover of FY2022-23 had increased over FY2021-22 by Rs.2,190 crore primarily due to acquisition of NINL during the year along with higher average net realisation of steel and sponge iron. The loss after tax of FY2022-23 at Rs.2,304 crore was higher against a profit of Rs.630 crore in FY2021-22 primarily due to decline in operating profit due to higher input costs, higher ramp-up expenses at NINL and increase in depreciation charge and finance cost post NINL acquisition.

3. Tata Steel Europe (TSE)

Economic growth decelerated globally in 2022. Economic activity was impacted by the rise of central bank rates to fight inflation, the war in Ukraine and the spread of COVID-19 in China. Inflation was at 7.8%, significantly above levels seen in previous years (2.9% in 2016-2020). In China, GDP growth increased by 3.0% (2021: 8.5%). The deceleration was mainly due to the lockdowns as a result of COVID-19 outbreaks which impacted consumer spending and industrial output, and a slowdown of real estate. Lower economic growth in China led to reduced global trade growth and lower global commodity prices. The EU economy decelerated to 3.6% (2021: 5.3%) and the UK economy to 4.0% (2021: 7.6%). The EU and UK economy remained resilient due to the strong contribution from the services sector and overall positive developments over the first half of the year. In the second part of the year consumer confidence and business sentiment worsened as the central banks started to increase interest rates.

Global steel demand decreased by 3.2% in 2022 in line with the worsening macroeconomic conditions (2021: 2.8% growth). Demand in China decreased by 3.5% (2021: 5.4%) as output in the real estate sector declined. New construction started declining by 36% for the year. Demand in the EU28 decreased by 8.0% (2021: 18.1% growth). Output growth in the steel-using-sectors was positive in 2022 due to strong output in the first half of the year. However, apparent demand for the full year declined strongly due to a significant destock, especially during the latter part of the year. The destock was triggered by lower business confidence caused by high energy prices and inflation, as well as the deterioration of the economic outlook. In 2022, global steel production decreased by 4.7% (2021: 3.9% growth). Steel production in China decreased by 2.6% (2021: 2.9%) and equated to 55% of global steel production. In the EU, production decreased by 10.8% (2021: 15.6% growth) as ~20% of EU blast furnaces were idled in response to lower demand for steel.

The market reference price for iron ore fines (China CFR 62%) decreased in 2022 to ~US\$120/t (-\$39/t). The price declined because there was lower demand for iron ore due to the reduction of output by blast furnaces globally. The hard coking coal spot price (Australia FOB) increased to US\$365/t (+\$141/t). The price was at an all-time high of US\$594/t in March 2022 due to the loss of supply from Russia as a result of the war in the Ukraine. The German benchmark scrap price (Sorte 2/8) increased to €414/t (+€16/t) compared to the previous calendar year. The price of CO2 increased in 2022 to €81/t (+€28/t), reaching an all-time high in February 2022 at €91/t. Reforms of the EU and UK Emissions Trading System, reducing the supply of permits, are causing the price to rise.

The European steel spot Hot Rolled Coil price (Germany, parity point) decreased in 2022 to €930/t (-€44/t). In April 2022 the steel price was at an all-time high of €1,385/t due to the loss of supply from Ukraine and Russia. In the later part of the year the price reduced strongly as apparent demand for steel reduced significantly.

For 2023, the outlook for the EU and UK economy is that growth will be low (+0.5% for the EU and 0.0% for the UK). Monetary policy tightening is expected to have a negative impact on growth. Output in construction and machinery is expected to decline whilst automotive is expected to grow slightly. Apparent demand for steel in the EU is expected to continue to decline by 1.6%. Downside risks to these forecasts are higher than expected inflation, the lagged effect of monetary tightening and unexpected developments in geopolitics.

The turnover and profit/(loss) figures of TSE are given below:

		(Rs. crore)
	FY 23	FY 22
Turnover	90,300	90,023
EBITDA	4,632	12,164
Profit before tax (PBT), before exceptional	1,103	8,362
Profit before tax (PBT)	1,304	8,114
Profit after tax (PAT), before exceptional	(3,464)	9,235
Profit after tax (PAT)	(3,263)	8,986

The production and sales performance of TSE (continuing operations) is given below:

			(mn tonnes)
	FY 23	FY 22	Change (%)
Liquid steel production	9.35	10.11	(8)
Deliveries	8.16	9.02	(10)

TSE's deliveries decreased by ~10% over the previous year due to low demand from the market in the second half of the year following the general economic slowdown in Europe. This lower demand also contributed to production in FY2022-23 decreasing by 0.76 MnT (8%) compared to the previous year although production was not as low as deliveries due to a build-up of inventory in TSN in order to support operations during an extended outage for the Blast Furnace 6 reline at the start of FY2023-24.

During the year under review, the revenue stood at Rs.90,300 crore which was marginally higher than FY2021-22. However, in GBP terms, revenue increased by 5% due to improved average revenue per tonne which more than offset the lower deliveries. TSE reported EBITDA of Rs.4,632 crore during FY2022-23 lower than the EBITDA of Rs.12,164 crore during FY2021-22. This reflected contrasting EBITDA performance between the first and second half of the year with the first half benefitting from exceptionally high selling prices resulting in record

EBITDA performance. The second half however, experienced a reduction in selling prices due to lower market demand following the economic slowdown in Europe although raw material and energy costs remained high which resulted in EBITDA losses. A higher non cash deferred tax

charge due to actuarial movements on the British Steel Pension Scheme following a number of transactions whereby the Scheme purchased insurance policies to de-risk the pension liabilities, led to a loss after tax of Rs.3,263 crore in FY2022-23 against a profit of Rs.8,986 crore in FY2021-22.

Tata Steel Netherlands ('TSN') – Liquid steel production at IJmuiden Steel Works, Netherlands during FY2022-23 at 6.3 MT was 0.28 MT lower than the previous year reflecting the weakening of the market during H2 FY2021-22 after a strong start earlier in the financial year.

During FY2022-23, TSN continued with the Transformation Programme (rebranded into 'sustainable profit programme') which is targeting improvements to delivery and yield performance, commercial mix, and reducing operating costs and unplanned downtime.

Further progress was also achieved in its 'Strategic Asset Roadmap' (STAR) capital investment programme to support the strategic growth of differentiated, high value products in the automotive, lifting and excavating, and energy and power market sectors. Most noticeably, projects in the Hot Strip Mill, Cold Mill 21 and Galvanising line 3 were delivered. However, the start-up of the CM21 project took much longer than expected leading to supply issues to our customers.

The Blast Furnace 6 reline started at the end of March 2023 and will take approximately 4 to 5 months. Supplies to customers will not be affected as a slab stock has been build up to feed the rolling mills.

Furthermore, significant progress was achieved regarding the 'Roadmap+', which contains a series of measures to eliminate the environmental impact (noise, dust, odour) of the IJmuiden Steel Works.

In September 2021, TSN announced its decision to accelerate its transition from coal-based steelmaking to hydrogen-based steelmaking at its IJmuiden site. During the year under review, activities to pursue our ambition continued. In July 2022, TSN and government bodies entered into an amended and restated joint 'Expression of Principles', outlining our shared ambition to transform TSN into a clean, green and circular steel producer. In August 2022, selected partners were contracted for engineering activities while a team of >100 FTE is working on the transition.

TSN is working with its customers towards a zero carbon emission, circular world. To support the joint short-term ambitions, TSN launched Zeremis Carbon Lite in the summer of 2022, through which green steel is offered to the market. The lower CO2 intensity is based on CO2 savings realised within TSN since 2018 and is certified by independent assurance expert DNV.

Tata Steel UK ('TSUK') – Liquid steel production at Port Talbot Steel Works, Wales during FY2022-23 at 3.02 MnT was 0.47 MnT lower than the previous year mainly due to lower market demand in the second half of the year. During FY2022-23, TSUK undertook a significant maintenance programme focused on its steelmaking assets in Port Talbot in order to improve operational stability. This included a successful installation of a new charger crane in the steel plant, refurbishment of the Blast Furnace stoves and the first phase of the replacement of the teeming ladle feet. Given the high energy costs in Europe, TSUK focused on improving energy efficiency measures which included a peak internal power generation of 100 MwE and optimisation of energy consumption rates on the reheat furnaces in the Hot Strip Mill.

During the year, the Transformation programme continued to deliver benefits with an improvement of £52m compared to FY2021-22 mainly reflecting lower cost to produce slab and the optimisation of product value streams across the whole UK Value Chain. In response to the deteriorating financial performance in the second half of FY2022-23 caused by the weaker economic conditions, TSUK launched a new cost saving initiative 'Drive to Save' in order to reduce spend levels and ensure that the business has a strong focus on cash.

During the year, two further insurance transactions (~GBP 4.4bn) were completed between the British Steel Pension Scheme ('BSPS') and Legal & General taking the proportion of liabilities insured to c. 60%. A final insurance transaction is expected to complete in the early part of FY2023-24 after which the BSPS will be fully de-risked.

In TSUK, 12 new products were launched during the year, which exceeded the annual target. These launches cover a wide range of high value products and end applications for automotive, engineering, renewables and construction markets for both the UK and export opportunities. Some key launches have been in the construction market including the launch of new off-site manufactured construction solutions with Catnic Matrix and Trimawall Fast-Fit, which enable quicker, safer and standardised onsite construction. In the renewables sector, TSUK launched Magizinc® for Solar S450 product with its 25-year guarantee and, for export, TSUK's Hot Rolled Dry specifications are now certified to ASTM standards to enable these products to be used across the NAFTA region.

During FY2022-23, TSUK took the landmark step, working in partnership with TSN, to launch its first low CO2 steel products. This means that TSUK can now offer to the market a scope 3 emissions reduction, using a mass balanced approach through a carbon in-setting scheme called Carbon Lite. Under the scheme Tata Steel has committed to reinvest all revenues from Carbon Lite certificates to further drive our de-carbonisation journeys of Optemis for Tata Steel UK and Zeremis for Tata Steel Netherlands.

4. Tata Steel Thailand (TSTH)

During FY2022-23, the demand for steel in Thailand was at 16.4 MnT, decreased by 12.2% from the previous year. Import volume was 10.8 MnT, at 66% of the demand for steel in Thailand, dropped by 13.1% Y-o-Y.

Demand for long products in Thailand was 6.2 MnT declined by 5.1% Y-o-Y. Import volumes was 2.5 MnT (41% of the total long products demand in Thailand), which was down by 4.2% Y-o-Y.

The turnover and profit/(loss) of TSTH for FY2022-23 are as follows:

		(Rs. crore)
	FY 23	FY 22
Turnover	6,992	7,431
EBITDA	239	736
Profit before tax (PBT), before exceptional	166	611
Profit before tax (PBT)	155	593
Profit after tax (PAT), before exceptional	167	612
Profit after tax (PAT)	156	594

The production and sales performance of TSTH is given below:

			(MnT)
	FY 23	FY 22	Change (%)
Saleable steel	1.20	1.29	(7)
Sales	1.21	1.33	(9)

During FY2022-23, the saleable steel production decreased by 0.09 MnT and sales declined by 0.12 MnT over FY2021-22. The turnover decreased by Rs.440 crore primarily due to sluggish demand for retail in domestic market. The profit after tax was lower by Rs.438 crore on account of lower operating profits, offset by lower finance cost and lower exceptional charge.

Key Business Highlights

- Tata Business Excellence Model (TBEM) assessment score improved from 559 points (previous assessment in 2018) to 578 points which is the category of 'Emerging Industry Leader'.
- Dividend payout after 14 years (FY2021-22 results).
- Modified machine to produce 18m length rebar for Canada.
- Stabilised quality of wire rod for small diameter (0.28mm) tire cord product.
- Co-branding with B2B customer for sustainable construction solutions with using Cut and Bend in the project (SC asset developer).

Recognitions

- TSTH received 'Thailand Sustainability Investment (THSI) 2022' from The Stock Exchange of Thailand.

- TSTH received 'Sustainability Disclosure Award 2022' from Thaipat Institute.
- TSTH has been selected as one of the 'ESG100 Securities Group Companies' from Thaipat Institute.
- SCSC received 'Prime Minister's Industry Award 2022' in Circular Economy Category from Ministry of Industry.

5. The Siam Industrial Wire Co. Ltd. (SIW) & TSN Wires Co. Ltd. (TSN Wires)

T S Global Holdings (TSGH) Singapore, a 100% indirect subsidiary of Tata Steel Limited, had divested its equity stake in NSH to a Singapore based steel and iron ore trading company for an Equity Value of Rs.1,275 crore. The wires business of NatSteel in Thailand (Siam Industrial wires) has been retained by the Company as part of the downstream wires portfolio. The transaction was completed on September 30, 2021.

SIW serves the B2B Construction industry in Thailand and around the World with its Steel Wires for concrete reinforcement applications. TSN Wires serves the Fencing, Poultry, Farming, Paper and other related segments with its Galvanised Wires.

FY2022-23 presented many difficult challenges like the resurgence of COVID-19, the Ukraine war, high inflation and high energy costs, fluctuations in currency and steel prices, severe flooding in Thailand and significant slowdown of the Chinese economy. As a result, this had a severe impact on the Thai Construction demand and also on the other consumer facing sectors.

The turnover and profit/(loss) of SIW for FY2022-23 are as follows:

		(Rs. crore)
	FY 23	FY 22
Turnover	1,930	1,972
EBITDA	235	228
Profit before tax (PBT)	190	242
Profit after tax (PAT)	159	211

The production and sales performance of SIW is given below:

			(mn tonnes)
	FY 23	FY 22	Change (%)
Saleable steel	0.20	0.22	(12)
Sales	0.16	0.17	(5)

The turnover and profit/(loss) of TSN Wires for FY2022-23 are as follows:

		(Rs. crore)
	FY 23	FY 22
Turnover	267	325
EBITDA	0	23
Profit before tax (PBT)	(14)	10
Profit after tax (PAT)	(14)	10

The production and sales performance of TSN Wires is given below:

			(mn tonnes)
	FY 23	FY 22	Change (%)
Saleable steel	0.03	0.04	(16)
Sales	0.03	0.04	(21)

During FY2022-23 the combined saleable steel production (SIW & TSN Wires) decreased by 0.03 MnT and sales declined by 0.02 MnT over FY2021-22 attributable to subdued demand. The combined turnover decreased by 4% primarily due to lower deliveries owing to decline in demand. The profit after tax declined on account of lower operating profits, and higher exceptional charge against a gain in previous year on account of impairment of investment (eliminated on consolidation).

Key Business Highlights

- Secured the biggest PC Strand market in USA in 2022 with a 23% import share.
- Initiated the homologation process in Italy, Netherlands and Germany for greater market access in Western Europe.

Recognitions

- SIW achieved certification of Low Emission Support Scheme ('LESS') by Thailand Greenhouse Gas Management Organization ('TGO') on reducing GHG emission.
- SIW received Green Industry Level 4 from the Ministry of Industry, Thailand.
- SIW received Corporate Social Responsibility Continuous Award (CSR – DIW Continuous Award). The award is for the 14th consecutive year from the Department of Industrial Works, Ministry of Industry, Thailand.
- SIW & TSN Wires received Outstanding Award for Safety, Occupational Health and Work Environment from Occupational Safety and Health Bureau, Department of Labor Protection and Welfare, Ministry of Labour, Thailand.

6. Tata Metaliks Limited

Tata Metaliks Limited ('TML') has its manufacturing plant at Kharagpur, West Bengal, India, which produces annually 250 KT of Pig Iron ('PI') and 350 KT of Ductile Iron Pipes ('DIP'). Pig iron is marketed under the brand name Tata eFee and ductile iron pipe as Tata Ductura .

The PI demand throughout the year remained subdued with downward corrections in prices. Overall buying sentiments were weak on the face of price volatility of raw materials, with foundries operating at a maximum 50-60% capacity levels. PI exports saw upsurge in Q1 FY2022-23 and reached an estimated 190 KT compared to 88 KT in Q4 FY2021-22. However, price corrections and imposition of export duty on PI depressed exports significantly from June 2022. Prices dropped by ~\$140/t on FoB east coast India basis. Exports were negligible till Q3 FY2022-23. Even after removal of Export duty in mid-November, the export market remained dull resulting in over-supply in the domestic market. Only in the last quarter of FY2022-23, bulk PI booking for export commenced, though it is yet to reach the pre-export duty imposition levels. On the price front, domestic foundry grade PI prices kept correcting itself downwards throughout the year. By H1 FY2022-23 it was lower by ~Rs.8k-12k/t compared to Q4 FY2022-23 and by the end of the year it was lower by ~Rs.4,000/t from H1 FY2022-23.

The DIP segment, after peaking in Q4 FY2022-23 at ~580 KT, the industry witnessed a drop in dispatches by ~30% in Q1 FY2022-23 due to planned maintenance shutdowns and slower release of orders and clearances. By end of H1 FY2022-23 situation improved and by the last quarter of FY2022-23 dispatches witnessed improvement by ~11% over Q3. This was due to year-end target fulfilment for all the departments and contractors and Government pressure to utilise the available fund with the respective authorities within the financial year. Export bookings in the first quarter remained healthy in April & May but slowed down in June till end of H1 because customers anticipated drop in DIP prices. Export bookings remained healthy thereafter till the end of the year. On the price front, after witnessing an upward movement of ~50% in Q4 FY2022-23 over Q3 prices, it started to soften throughout H1 FY2022-23 and reached levels same as Q4 FY2022-23. It started to strengthen in Q3 FY2022-23 and by the last quarter market witnessed upswing in price of ~50-55%.

Key Business Highlights

The Company successfully commissioned new DI Pipe plant at Kharagpur to take its DI Pipe plant capacity to 4 LTPA. The first phase of expansion had a vertical ramp-up and the second phase is under way.

Digitisation and automation: TML started its digital transformation journey in FY2018-19 and developed a Long-term Digital Strategy Roadmap that focused on three themes: Real-time data analytics, Smart machines and Business on Mobile. In FY2022-23, TML took some key strategic initiatives such as (a) Project ARUNA, to drive EBITDA improvement data analytics projects across the organisation and (b) Implementation of Robotics based automation in DIP plants. The new DIP plant with high level of Automation, Mechanisation and Digitalisation got commissioned and started operating. This plant has many firsts in DIP industry in the country such as fully automated core shop with Automated Stacking and Retrieval System (ASRS) system. In addition, the plant will have over 20 robots to reduce human machine interface and improve workforce productivity. TML strengthened its capability in area of robotics and developed in-house robotics solutions which are being implemented for the first time in DIP industry in the country.

The turnover and profit/(loss) figures of TML for FY2022-23 are as follows:

		(Rs. crore)
	FY 23	FY 22
Turnover	3,260	2,746
Profit before tax (PBT)	101	339
Profit after tax (PAT)	81	237

During FY2022-23, the production of PI and DIP was 270 KT and 300 KT respectively as against 344 KT and 235 KT respectively in FY2021-22. Deliveries of PI and DIP in FY2022-23 was 262 KT and 296 KT respectively as against 341 KT and 237 KT respectively in the previous year.

The turnover during FY2022-23 at Rs.3,260 crore, was higher by Rs.514 crore over previous year primarily due to higher prices of pig iron and DI pipes along with higher deliveries of DI pipes. The profit after tax during FY2022-23 at Rs.81 crore, was lower by Rs.157 crore over previous year due to lower operating profits attributable to higher input costs primarily coal along with higher finance cost and depreciation charge. Moreover, previous year included an exceptional gain of Rs.31 crore on account of sale of land which is not present in current year.

Recognition

- Awarded 'Green Co Gold' in Green Co Assessment by CII – Sohrabji Godrej Green Business Centre.
- Received 'CAP Oriented Award' under the Climate Action Plan (CAP) assessment conducted by CII.
- Adjudged as the 2nd Runners-Up at CII Energy Conservation Award 2022.
- Declared Winner under the Listed Medium Category at the 'Corporate Governance Recognition 2022' -organised by BCCI.

7. The Tinplate Company of India Limited

The Tinplate Company of India Limited (TCIL) is the largest indigenous producer of tin-coated and tin free steel in India which is used for metal packaging. TCIL has also been 'value-adding' its products by way of providing printing and lacquering facility to reach closer to food processors/fillers. TCIL has two Cold Rolling Mills and two electrolytic tinning lines with an installed annual production capacity of around 379 KT of tinplate and tin free steel with ~100% capacity utilisation. With growing demand for tinplate driven by rising urbanisation and penetration of organised retails, TCIL has planned to expand its capacity by additional 3,00,000 MTPA at the existing location in the next few years.

The turnover and profit/(loss) figures of TCIL for FY2022-23 are as follows:

		(Rs. crore)
	FY 23	FY 22

Turnover	3,983	4,272
Profit before tax (PBT)	193	471
Profit after tax (PAT)	143	353

During FY2022-23, the production at 362 KT, was marginally lower over FY2021-22 by 12 KT and deliveries at 362 KT, were also lower by 11 KT over the previous year, primarily due to decline in demand and planned shut-down during the year. The turnover during FY2022-23 at Rs.3,983 crore lower by Rs.289 crore over previous year on account of decrease in average realisation along with lower deliveries. Profit after tax during FY2022-23 was Rs.143 crore, lower by Rs.210 crore over previous year due to lower operating profit partly attributable to decrease in realisations and higher input costs offset by higher finance income.

Key Business Highlights

- Execution of critical capital projects like Offline induction reflow system at both Electrolytic Tinning Lines ('ETLs'), upgradation of pin hole detectors for both ETLs, upgradation of helper rolls drives & motors at ETL2, installation of secondary scrapping system at printing line-1.
- The collaborative work with Tata Steel Europe ('TSE') and Tata Steel Jamshedpur ('TSJ') continued leading improvement in product quality attributes and consumption efficiency improvement in Tin and Mill Rolls.
- The Environment Clearance related to the Growth plan has also been received and a dedicated team had been working on technical specifications of major packages, which have now reached final discussion stage with suitable vendors.
- TCIL achieved its highest ever capitalisation of over Rs.100 crore in FY2022-23.

Recognition

- TCIL was recognised as the 'Fastest Growing Organization' in the category of > Rs.1,500 crore annual turnover at the Economic Times Corporate Awards 2023 at Kolkata.
- TCIL received the 'Happiest Workplaces Award' at Delhi at the Business World People Awards 2023.

8. Tata Steel Downstream Products Limited

Tata Steel Downstream Products Limited (TSDPL) (formerly Tata Steel Processing and Distribution Limited) is a leader in the organised Steel Service Centre business in India. TSDPL has a pan India presence with 10 steel processing plants and 13 distribution and sales locations. Value-added offerings of TSDPL include slitting, cut-to-length, blanking, corrugation, plate burning, fabrication, component manufacturing and steel intensive products and applications. TSDPL's products and services conform to world class quality standards in meeting customers' demand. Its entire operations including supply chain runs on a state-of-the-art ERP (Enterprise Resource Planning) system.

Key Business Highlights

- Implementation of IT / Digital initiative Under OTON (One Tata Operating Network) programme.
- During the year under review, TSDPL continues with the EBITDA improvement initiative 'Lakshya 25' towards achieving operational efficiency and improvement in cost effectiveness resulting in significant savings in cost.
- Oracle HCM, for Human Capital Management, People Strong for Payroll Management, iValua for Materials Management / Procurement, Happay for Expense and Travel management, Anaplan for Planning and Budgeting.

The turnover and profit/(loss) figures of TSDPL for FY2022-23 are as follows:

		(Rs. crore)

	FY 23	FY 22
Turnover	7,394	6,805
Profit before tax (PBT)	294	194
Profit after tax (PAT)	246	144

During the year under review, TSDPL processed around 3.4 MnT – its highest ever dispatch. TSDPL has also delivered the best ever financial performance in its history with the highest ever turnover of Rs.7,394 crore and the highest ever EBITDA of Rs.363 crore.

During the year under review, the production and deliveries from tolling business were at 2,422 KT, higher by 157 KT than the previous year and for distribution business, the production was at 1,048 KT, higher by 158 KT over FY2021-22 and the deliveries of distribution business stood at 1,007 KT which was higher by 113 KT attributable to the improvement in the demand. Turnover was higher by Rs.588 crore mainly supported by higher sales volume. Profit after tax was higher by Rs.103 crore due to higher operating profits which was primarily due to a dividend income from an affiliate.

TSDPL intends to set up a Steel Service Center at Sanand, Gujarat (West) to service customers in the western market. TSDPL also plans to foray into processing steel for Pravesh initiative. Further, several upgrades are planned for the existing plants to enhance the overall processing capacities. TSDPL also aims to enter the Steel Recycling business.

Recognition

TSDPL Pune unit bagged Greenco Platinum Award: first in the Indian Steel Industry.

9. Bhubaneswar Power Private Limited

Un-interrupted power supply and cost of power is a challenge for large power intensive process industries. Industries which produce 365 days per annum, continue to depend on thermal power plants for their base load requirements.

Bhubaneswar Power Private Limited (BPPL) is in the business of generation of power. It owns 135 MW (2x67.5 MW) coal based power plant in Odisha. BPPL supplies 120.5 MW power to Tata Steel and Tata Steel Mining Limited.

During the year under review, BPPL has used primary coal from Mahanadi Coalfield Ltd. (MCL) at higher rate since the coal demand & spot auction price during FY2022-23 were higher compared to last year. Power Generation was lower compared to last year due to lower offtake by the customers.

The turnover and profit/(loss) figures of BPPL for FY2022-23 are as follows:

		(Rs. crore)
	FY 23	FY 22
Turnover	597	516
Profit before tax (PBT)	59	52
Profit after tax (PAT)	45	39

During FY2022-23, the turnover was Rs.597 crore, higher by Rs.81 crore over previous year primarily due to higher energy charges attributable to increase in coal prices. The profit after tax during FY2022-23 was at Rs.45 crore, which was higher by Rs.6 crore over previous year primarily due to lower net finance cost.

Recognition

Received Kalinga Environmental Excellence Award (5 Star Category) for 'Excellence in Environmental performance in Odisha' at the 7th National Seminar on Sustainable Environment & Climate Change 2022.

10. Tata Steel Mining Limited

Tata Steel Mining Limited (TSML) is in the merchant mining business and have long term mining leases of three chromite mines viz. Sukinda, Saruabil and Kamarda in Jajpur district, Odisha. Apart from this, TSML has won the bid for Gandhalpada Iron Ore Block, which is in the stage of various statutory clearances. TSML serves the requirements of both domestic & overseas stainless steel producers. With the acquisition of erstwhile company Rohit Ferro-Tech Limited, TSML has increased its capacity of Ferro Chrome production by 1,00,000 MT. Besides addition of Ferro Chrome capacity, TSML is ramping up for Stainless Steel Production at its Bishnupur facilities.

Key Business Highlights

- Scaled up ferro chrome production to 389 KT in FY2022-23 from 373 KT in FY2021-22.
- Implementation of e-Logistics process to automate despatch at Mines.
- Implementation of e-Sales process to automate order booking and display details to customers.
- TSML has signed an agreement with GAIL for supply of Natural Gas for replacement of Furnace Oil used in Briquetting Operations. This will lead to reduction in carbon emissions to the tune of 1,000 tonnes of CO2 equivalent/year.

The turnover and profit/(loss) figures of TSML for FY2022-23 are as follows:

		(Rs. crore)
	FY 23	FY 22
Turnover	5,000	4,605
Profit before tax (PBT)	(270)	(1,131)
Profit after tax (PAT)	(272)	(883)

During FY2022-23, the turnover was Rs.5,000 crore (previous year Rs.4,605 crore) which increased owing to higher volumes and prices of ferro chrome. During FY2022-23, TSML reported lower loss after tax amounting to Rs.272 crore as against loss of Rs.883 crore in previous year as previous year included provision for low grade inventory having no market value along with higher provisions for royalties as per Mine Development and Production Agreement (MDPA).

Recognition

- TSML has received the prestigious Responsible Chromium recognition from the International Chromium Development Association (ICDA) and became the first Indian mining company to receive this prestigious international recognition.
- Odisha State Productivity Council awarded 5 Star rating in Productivity Excellence Award 2022 for Team Environment and 4 Star rating in Productivity Excellence Award-2022 for Team FAP-Gopalpur.
- TSML received recognition of Excellence in Biodiversity by Jury of CII-ITC Sustainability Awards 2022.
- Sukinda Chromite mine and FAP Gopalpur have bagged CII state level awards for SHE.
- TSML has been bestowed with Kalinga Environment Excellence Award.

11. Tata Steel Minerals Canada

Tata Steel Minerals Canada (TSMC) is a partnership between Tata Steel (82%) and the Government of Quebec (18%). At TSMC, we mine and

process high-grade iron ore from our multiple isolated hematite deposits occurring over 30 km in the Menihek region of Labrador and northern Quebec, near Schefferville, and containing from

The iron ore market remained stressed in FY2022-23. Iron ore prices continued to fall from U\$ 137 per dry metric tons (CFR) in Q1 to U\$ 101 per dry metric tons in Q2. This coupled with increase in energy prices for diesel from, significantly impacted TSMC's performance. TSMC had decided to shut-down the plant for winter maintenance starting November 2022 with aim to restrict the losses. With improving iron ore prices in Q4 and a positive outlook of improving prices, the plant resumed operations towards the end of February 2023.

The turnover and profit/(loss) figures of TSMC for FY2022-23 are as follows:

		(Rs. crore)
	FY 23	FY 22
Turnover	649	739
Profit before tax (PBT)	(1,086)	(815)
Profit after tax (PAT)	(1,086)	(815)

During FY2022-23, the turnover was Rs.649 crore significantly lower over previous year by Rs.91 crore (12%) owing to lower volumes and prices. During FY2022-23 reported loss before tax amounting to Rs.1,086 crore as against loss of Rs.815 crore in previous year primarily on account of lower operating profits and higher finance cost during the year.

12. Creative Port Development Private Limited

Creative Port Development Private Limited (CPDPL) is in possession of a 54 years concession (initial 34 years which is extendable for two terms of 10 years each) from the Government of Odisha for development of a Greenfield Seaport at Chaumukh Village, in Balasore District, Odisha on a 'BOOST' basis (Build, Own, Operate, Share & Transfer). CPDPL is availing this concession through a Special Purpose Company 'Subarnarekha Port Private Limited' and is in possession of all the statutory approvals for the project. In Phase – 1, the port will have an initial capacity of 25 MnT with a potential to expand to 150 MnT. CPDPL is already in possession of the port land and is in the advanced stage of getting the required land for railway corridor and construction of access road.

During the year under review, CPDPL has made substantial progress in private land acquisition, completed the oceanographic & geo technical survey for dredging and reclamation plan, obtained certain approvals for commencement of port construction and made substantial progress on its CSR intervention plan.

V. FINANCIAL PERFORMANCE

1. Tata Steel Limited (Standalone)

During FY2022-23, the Company recorded a profit after tax of Rs.15,495 crore (previous year Rs.33,011 crore). The decrease is primarily on account of reduction in realisations along with higher cost of production due to increase in raw material prices mainly of coking coal. Higher finance cost due to additional loans taken during the year, along with higher exceptional loss as compared to the previous year, which was partly offset by higher interest income on investments and loans to group companies. The basic and diluted earnings for the FY2022-23 were at Rs.12.68 per share and Rs.12.67 per share respectively (previous year: basic and diluted: Rs.27.03 per share and Rs.27.01 per share respectively).

The analysis of major items of the financial statements is given below:

a) Revenue from operations

			(Rs. crore)
	FY 23	FY 22	Change (%)
Sale of products	1,25,565	1,26,070	(0)
Sale of power and water	1,902	1,611	18

Other operating revenue	1,540	1,340	15
Total revenue from operations	1,29,007	1,29,021	(0)

During the year under review, sale of products was marginally lower as compared to that of the previous year, primarily due to decrease in realisations in domestic as well as export markets partly offset by higher deliveries. Sale of power and water increased due to higher demand and prices. Increase in other operating income was primarily on account of conversion income at FAMd.

b) Purchases of stock-in-trade

			(Rs. crore)
	FY 23	FY 22	Change (%)
Purchases of stock-in-trade	7,467	4,089	83

During the year under review, Purchases of stock-in-trade was significantly higher as compared to the previous financial year primarily due to higher purchase of rebars from group companies for trading along with higher scrap purchases for reducing carbon emissions including higher scrap prices. Purchases also increased at other sustainable businesses.

c) Cost of materials consumed

			(Rs. crore)
	FY 23	FY 22	Change (%)
Cost of materials consumed	54,012	35,257	53

During the year under review, cost of materials consumed increased significantly primarily due to significant increase in imported coking coal prices, along with other raw materials due to higher prices and increase in production during the year.

d) Employee benefits expense

			(Rs. crore)
	FY 23	FY 22	Change (%)
Employee benefits expense	6,616	6,366	4

During the year under review, the employee benefits expense increased primarily due to salary revisions and its consequential impact on retirement provisions.

e) Depreciation and amortisation expense

			(Rs. crore)
	FY 23	FY 22	Change (%)
Depreciation and amortisation expense	5,435	5,464	(1)

The depreciation charge during the year is at par with the previous year as the lower charge for assets fully depreciated during the year was offset by additions during the year.

f) Other expenses

			(Rs. crore)
	FY 23	FY 22	Change (%)

Other expenses	34,352	34,001	1
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Other expenditure represents the following expenditure:

			(Rs. crore)
	FY 23	FY 22	Change (%)
Consumption of stores and spares	9,658	6,960	39
Repairs to buildings	42	47	(11)
Repairs to machinery	4,956	3,973	25
Relining expenses	232	204	14
Fuel oil consumed	530	377	41
Purchase of power	5,346	4,286	25
Conversion charges	2,271	1,798	26
Freight and handling charges	6,606	6,632	(0)
Rent	88	86	3
Royalty	3,783	5,506	(31)
Rates and taxes	1,520	2,066	(26)
Insurance charges	228	203	13
Commission, discounts and rebates	290	288	1
Allowance for credit losses/ provision for advances	(6)	63	(110)
Other expenses	3,327	3,970	(16)
Less :-Expenditure (other than interest) transferred to capital & other accounts	(4,519)	(2,458)	84
Total Other expenses	34,352	34,001	1

Other expenses were marginally higher as compared to the previous financial year primarily due to higher purchase of power due to increase in thermal coal prices along with higher repairs to machinery owing to higher production during the year, regular upkeep and IT implementation expenses. Higher conversion charges mainly due to conversion of pellets by subsidiary company. Moreover, there was increase in other general expenses mainly in travelling, CSR and others. These were offset by, decrease in royalty charges mainly on account of lower additional royalty on sale of iron ore along with decrease in rates of iron ore. Rates and Taxes decreased in line with lower royalty and lower electricity duty. Moreover, favourable exchange rate movement on inter-company loans/receivables resulted in gain during the current year. Consumption of stores and spares increased primarily on account of charging of project expenses for Kalinganagar Phase-II, which were majorly eliminated through transfer to capital account.

g) Finance costs and net finance costs

			(Rs. crore)
	FY 23	FY 22	Change (%)
Finance costs	3,792	2,792	36
Net Finance costs	939	1,667	(44)

During the year under review, finance costs increased primarily on account of higher interest on domestic term loans owing to fresh utilisation during the current financial year for capital expansion projects, higher interest on short-term borrowings, commercial papers and buyer's credit attributable to higher balances during the year.

Net finance charges were lower primarily on account of higher interest income on inter- corporate deposits, partly offset by higher finance cost along with and lower gain on sale of mutual funds.

h) Exceptional items

			(Rs. crore)
	FY 23	FY 22	Change (%)
Exceptional items	(779)	(235)	-

The details of exceptional items for the current year and previous year are as follows:

- Profit on sale of investments held in Subsidiaries and Joint Ventures Rs.339 crore (previous year: Rs.344 crore).
- Provision for Impairment of investments/doubtful advances (net of reversals) Rs.1,056 crore (previous year: Rs.93 crore).
- Restructuring and other provisions Nil. (previous year: Rs.205 crore which primarily includes charge on Employees Family Protection Scheme for COVID-19).
- Provision for Employee Separation scheme ('ESS') under Sunehere Bhavishya Ki Yojana ('SBKY') scheme and other schemes amounting to Rs.92 crore (previous year: Rs.331 crore).
- Fair valuation gain on investments amounting to Rs.31 crore (previous year: gain of Rs.50 crore on debentures held by the Company in one of its Joint Ventures).

i) Property, Plant and Equipment (PPE) including intangibles and right of use assets

			(Rs. crore)
	FY 23	FY 22	Change (%)
Property, Plant and Equipment	84,942	87,946	(3)
Capital work-in-progress	21,092	14,159	49
Goodwill	3	0	N.A.
Other Intangible assets	761	806	(6)
Intangible assets under development	515	383	35
Right of use Assets	5,480	5,538	(1)
Total PPE including intangibles & right of use assets	1,12,793	1,08,832	4

The movement in total PPE including intangible is higher primarily on account of increase in capital work-in-progress mainly at Kalinganagar Phase-II and normal additions during the year, which was offset by depreciation and amortisation charge during the year.

j) Investments

			(Rs. crore)
	FY 23	FY 22	Change (%)
Investment in Subsidiary, JVs and Associates	28,754	29,167	(1)
Investments - Non current	15,385	14,234	8

Investments - Current	2,050	96	2,033
Total investments	46,189	43,498	6

The increase in investments was predominantly on account of increase in Non-current investments mainly due to interest accrued on preference shares of TSLP along with increase in current investments. Decrease in investments in Subsidiary, JVs and Associates is mainly on account of sale of investment in NatSteel Asia Pte. Ltd. along with provision for impairment on investments in TSH pertaining to TSUK, partly offset by increase in investment at TSML and NINL.

k) Inventories

			(Rs. crore)
	FY 23	FY 22	Change (%)
Finished and semi-finished goods including stock in trade	7,873	6,731	17
Work-in-progress	0	0	-
Raw materials	8,527	9,289	(8)
Stores and spares	4,396	3,923	12
Total inventories	20,796	19,943	4

Finished and semi-finished inventory increased as compared to previous year mainly due to increase in stock quantities as compared to the previous year due to higher production, along with marginally higher rates of finished and semi-finished attributable to increase in raw material prices.

Raw material inventories have decreased over the previous year primarily on account of decrease in the quantity and prices of imported coking coal and thermal coal during the year.

Stores and spares inventory increased due to higher requirement.

l) Trade receivables

			(Rs. crore)
	FY 23	FY 22	Change (%)
Gross trade receivables	3,556	3,453	3
Less: allowance for credit losses	204	173	18
Net trade receivables	3,352	3,280	2

Trade receivables increased marginally as compared to that of the previous year primarily due to increase at profit centres primarily at New Material Business on account of higher sales and at FAMD in group company receivables for conversion income, partly offset by decrease in receivables from domestic steel customers due to higher financing and lower export debtors.

m) Gross debt and Net debt

			(Rs. crore)
	FY 23	FY 22	Change (%)
Gross debt	42,372	36,525	16
Less: Cash and Bank balances (incl. non-current balances)	1,153	2,935	(61)
Less: Current investments	2,050	96	2,033

Net debt	39,169	33,494	17
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Gross debt was higher due to utilisation of various term loans and issue of Debentures during the year majorly for funding expansion projects, partly offset by repayment of short-term loan during the year.

Net debt was comparatively higher as compared to previous year. This is attributable to increase in the in gross debt along with decrease in cash and bank balances, partly offset by increase in current investments.

n) Cash Flows

			(Rs. crore)
	FY 23	FY 22	Change (%)
Net cash from/(used in) operating activities	14,227	41,986	(66)
Net cash from/(used in) investing activities	(11,061)	(34,168)	68
Net cash from/(used in) financing activities	(4,979)	(7,368)	32
Net increase/(decrease) in cash and cash equivalents	(1,813)	450	(503)

Net cash flow from/(used in) operating activities

During the year under review, the net cash generated from operating activities was Rs.14,227 crore as compared to Rs.41,986 crore during the previous year. The cash inflow from operating profit before working capital changes and direct taxes during the current year was Rs.25,365 crore as compared to inflow of Rs.50,307 crore during the previous year due to decline in operating profits. Cash outflow from working capital changes in 2022-23 is mainly due to decrease in Non-current/current financial and other liabilities/provisions by Rs.4,556 crore primarily due to decrease in trade payables for coal purchases, along with increase in inventories by Rs.1,012 crore primarily due to increase in quantities. Increase in Non-current/Current financial and other assets by Rs.679 crore, in trade receivables and other advances with public bodies. The income taxes paid during the current year was Rs.4,891 crore as compared to Rs.11,240 crore (net of refund received for earlier years) during previous financial year.

Net cash flow from/(used in) investing activities

During the year under review, the net cash outflow from investing activities amounted to Rs.11,061 crore as compared to Rs.34,168 crore during the previous year. The outflow during the current year broadly represents capex of Rs.8,555 crore, investments in subsidiaries Rs.1,246 crore mainly in Tata Steel Mining Limited and Neelachal Ispat Nigam Limited, Inter Corporate Deposits given net of realisation amounting to Rs.676 crore, purchase of current investments Rs.1,822 crore, partly offset by net sale of investments of Rs.1,112 crore which primarily includes sale of NatSteel Asia Pte. Ltd.

Net cash flow from/(used in) financing activities

During the year under review, the net cash outflow from financing activities was Rs.4,979 crore as compared to an outflow of Rs.7,368 crore during the previous year. The outflow during the current year broadly represents payment of dividend Rs.6,233 crore and payment of interest Rs.3,856 crore. The outflow was partly offset by, additional loans taken during the year including finance lease (net of repayments) Rs.5,123 crore as against net repayment of borrowings of Rs.1,033 crore in the previous year.

o) Changes in Key Financial Ratios

The change in the key financial ratios as compared to previous year is stated below:

			(Rs. crore)
	FY 23	FY 22	Change (%)
Inventory Turnover 1 (days)	59	47	26

Debtors Turnover (days)	9	9	0
Current Ratio 2 (Times)	0.86	0.62	38
Interest Coverage Ratio 3 (Times)	10.40	22.84	(54)
Debt Equity (Times)	0.33	0.33	(2)
Net Debt Equity (Times)	0.30	0.30	(1)
EBITDA Margin 4 (%)	21.84	39.88	(45)
Net Profit Margin 5 (%)	12.01	25.59	(53)
Return on average Net Worth 5 (%)	11.91	29.93	(60)

1) Inventory Turnover Ratio: Increased primarily on account of increase in average inventory during the current year and previous year owing to increase in prices of raw materials primarily coking coal.

2) Current Ratio: Increased primarily on account of reduction in current liabilities and provisions primarily for raw materials.

3) Interest Coverage Ratio: Decreased primarily on account of decline in operating profits along with higher finance cost due to increase in loans.

4) EBITDA Margin: Decreased primarily on account of decline in operating profits primarily on account of higher raw material cost and lower steel realisations.

5) Net Profit Margin and Return on average net worth: Decreased primarily on account of decrease in net profits mainly attributable to lower operating profits during the current year.

2. Tata Steel Limited (Consolidated)

The consolidated profit after tax of the Company was Rs.8,075 crore as against Rs.41,749 crore in the previous year. The decrease was mainly due to lower operating profits attributable to increase in raw material prices primarily of coking coal along with reduction in steel prices across geographies except Europe during the year and increase in finance cost due to additional loans at Tata Steel Standalone. Tax expenses was higher during the year due to higher non cash deferred tax charge at TSE mainly on account of de-risking of pension liabilities as compared to a credit in the previous year primarily attributable to TSBSL merger. The basic and diluted earnings for FY2022-23 were at Rs.7.17 per share (previous year: basic and diluted: Rs.33.24 per share and Rs.33.21 per share respectively).

The analysis of major items of the financial statements is given below.

(Note: On September 30, 2021, T S Global Holdings Pte. Ltd. ('TSGH') (an indirect wholly-owned subsidiary of the Company) divested its entire stake in NatSteel Holdings ('NSH'), while the wires business in Thailand which was owned by NSH was retained within the Group. The performance of Neelachal Ispat Nigam Ltd. ('NINL') is included in the FY2022-23 as the company started its operations during the year post acquisition.)

a) Revenue from operations

			(Rs. crore)
	FY 23	FY 22	Change (%)
Tata Steel (Standalone)	1,29,007	1,29,021	(0)
TSE	90,300	90,023	0
TSLP	8,992	6,802	32
South-East Asia	9,189	12,195	(25)
Others	97,808	82,269	19

Eliminations & adjustments	(91,943)	(76,351)	(20)
Total revenue from operations	2,43,353	2,43,959	(0)

The consolidated revenue from operations was marginally lower as compared to the previous year primarily due to significant decline in realisations across geographies except Europe. Deliveries were lower mainly at European operations, due to weakening of demand and at South-East Asia due to sale of NatSteel Holdings Pte. Ltd. (NSH) in FY2021-22. This was partly offset by higher deliveries at Tata Steel standalone operations.

Revenue at TSLP increased due to acquisition of NINL during the year. Revenues at TSE increased in GBP terms by 5% due to improved average revenue per tonne which more than offset the lower deliveries. Adverse exchange impact on translation had an offsetting impact on the increase at TSE. Others primarily include increase at TS Global Procurement which are majorly eliminated on consolidation.

b) Purchases of stock-in-trade

			(Rs. crore)
	FY 23	FY 22	Change (%)
Tata Steel (Standalone)	7,467	4,089	83
TSE	3,428	4,883	(30)
TSLP	-	-	N.A.
South-East Asia	4,616	7,425	(38)
Others	10,240	9,733	5
Eliminations & adjustments	(10,637)	(10,817)	2
Total purchases of stock-in-trade	15,114	15,313	(1)

Purchases were lower at South-East Asia (SEA) due to divestment of Singapore operations at NatSteel Holdings in FY2021-22, along with lower billet production at Thailand in the current year. Purchases decreased at TSE due to lower external purchases consistent with decline in deliveries. Increase at Tata Steel (Standalone) attributable to increase in purchases of scrap owing to higher quantities coupled with higher prices along with higher purchase of rebars from group companies for trading and increase at other sustainable businesses.

c) Cost of materials consumed

			(Rs. crore)
	FY 23	FY 22	Change (%)
Tata Steel (Standalone)	54,012	35,257	53
TSE	38,982	35,306	10
TSLP	6,853	3,930	74
South-East Asia	1,795	1,248	44
Others	76,972	62,082	24
Eliminations & adjustments	(77,131)	(62,059)	(24)
Total cost of materials consumed	1,01,483	75,764	34

Consumption was higher across all major entities mainly due to higher cost of consumption of imported coal & other raw materials owing to higher prices and higher consumption due to higher production. TSE reported increase in GBP terms primarily due to higher coal and coke prices. Increase at TSLP was mainly due to acquisition of NINL and higher coal prices.

Others primarily reflects increase in transactions at T S Global Procurement due to increase in coal prices, which are majorly eliminated on consolidation.

d) Employee benefits expense

			(Rs. crore)
	FY 23	FY 22	Change (%)
Tata Steel (Standalone)	6,616	6,366	4
TSE	13,687	14,879	(8)
TSLP	391	216	80
South-East Asia	318	554	(43)
Others	1,261	1,171	8
Eliminations & adjustments	146	78	87
Total employee benefits expense	22,419	23,264	(4)

Decrease in expenses was mainly at TSE primarily due to decrease in variable pay provisions due to reduced profitability along with favourable exchange impact on translation.

Decrease at SEA was mainly due to divestment of Singapore operations at NSH in the previous year, along with lower variable pay provisions at Thailand.

Increase in expenses at Tata Steel (Standalone) was mainly due to salary revisions and its consequential impact on retirement provisions. Increase at TSLP was attributable to acquisition of NINL during the year.

e) Depreciation and amortisation expense

			(Rs. crore)
	FY 23	FY 22	Change (%)
Tata Steel (Standalone)	5,435	5,464	(1)
TSE	2,387	2,451	(3)
TSLP	716	320	124
South-East Asia	92	199	(53)
Others	795	735	8
Eliminations & adjustments	(90)	(68)	(32)
Total depreciation and amortisation expense	9,335	9,101	3

Expense was higher than the previous year mainly on account of increase in depreciation charge at TSLP due to acquisition of NINL during the year, partly offset by decrease at SEA due to sale of NatSteel Holdings Pte. Ltd. ('NSH') in the previous year.

f) Other expenses

			(Rs. crore)
	FY 23	FY 22	Change (%)
Tata Steel (Standalone)	34,352	34,001	1

TSE	30,958	27,910	11
TSLP	2,871	1,562	84
South-East Asia	1,831	2,195	(17)
Others	9,278	11,831	(22)
Eliminations & adjustments	(3,895)	(3,773)	3
Total other expenses	75,395	73,726	2

Other expenditure represents the following expenditure:

			(Rs. crore)
	FY 23	FY 22	Change (%)
Consumption of stores and spares	21,475	15,959	35
Repairs to buildings	90	117	(23)
Repairs to machinery	11,584	9,572	21
Relining expenses	339	320	6
Fuel oil consumed	1,467	1,057	39
Purchase of power	8,060	6,971	16
Conversion charges	3,092	2,866	8
Freight and handling charges	12,648	12,139	4
Rent	2,923	2,672	9
Royalty	6,924	9,311	(26)
Rates and taxes	1,971	2,517	(22)
Insurance charges	696	481	45
Commission, discounts and rebates	357	326	10
Allowance for credit losses/ provision for advances	10	83	(88)
Other expenses	8,883	12,225	(27)
Less :-Expenditure (other than interest) transferred to capital & other accounts	(5,124)	(2,890)	77
Total Other expenses	75,395	73,726	2

Expenses were marginally higher at Tata Steel (Standalone) primarily due to higher purchase of power due to increase in thermal coal prices, higher repairs to machinery, higher conversion charges. Other general expenses increased mainly in travelling, CSR. Offset by, decrease in royalty charges mainly on account of lower additional royalty on sale of iron ore along with lower rates and taxes. Moreover, favourable exchange rate movement on inter-company loans/receivables resulted in gain during the current year.

TSE reported increase mainly on account of higher consumption of stores & spares primarily on account of higher prices of gases (energy cost) and higher ferro alloys prices, higher repairs to machinery and higher freight and handling charges increased at TSLP mainly due to acquisition of NINL during the year.

Decrease at SEA was mainly due to divestment of Singapore operations at NSH in the previous year, partly offset by higher expenses at Thailand attributable to higher fuel cost and higher power costs due to increased tariffs.

Decrease in Others was mainly at T S Global Holdings Pte Ltd. due to lower foreign exchange loss on account of change in functional currency during the year.

g) Finance costs

			(Rs. crore)
	FY 23	FY 22	Change (%)
Tata Steel (Standalone)	3,792	2,792	36
TSE	1,296	1,945	(33)
TSLP	1,387	110	1,162
South-East Asia	15	34	(56)
Others	5,583	4,158	34
Eliminations & Adjustments	(5,774)	(3,577)	61
Finance costs	6,299	5,462	15

h) Net Finance costs

			(Rs. crore)
	FY 23	FY 22	Change (%)
Tata Steel (Standalone)	939	1,667	(44)
TSE	1,166	1,480	(21)
TSLP	1,207	83	1,347
South-East Asia	3	30	(91)
Others	2,352	1,797	31
Eliminations & Adjustments	(8)	(40)	(79)
Net Finance costs	5,659	5,017	13

Finance cost increased by 15% primarily at Tata Steel (Standalone) was mainly on account of higher interest on domestic term loans owing to fresh utilisation during the current financial year for capital expansion projects along with higher interest on short-term borrowings, commercial papers and buyer's credit.

Increase at TSLP was primarily due to issue of preference shares for NINL acquisition, eliminated on consolidation.

Decrease at TSE was mainly due to lower debt levels attributable to repayments during the year and in previous year.

Decrease at SEA was primarily due to divestment of NSH in Q2 FY2021-22 and reduction in finance charges at TSTH.

Net finance charge was higher in line with higher finance cost due to increase in loan over the period.

i) Exceptional items

			(Rs. crore)
	FY 23	FY 22	Change (%)

Tata Steel (Standalone)	(779)	(235)	N.A.
TSE	201	(248)	N.A.
TSLP	(2)	(27)	N.A.
South-East Asia	(48)	(18)	N.A.
Others	0	21	N.A.
Eliminations & Adjustments	741	373	N.A.
Total exceptional items	113	(134)	N.A.

Exceptional items during FY2022-23 primarily represents:

- Gain on sale of non-current investments at TSE amounting to Rs.67 crore.
- Impairment reversal Rs.96 crore at TSE on deferred consideration of Speciality Business.
- Net impairment reversal in respect of property, plant and equipment (including capital work-in-progress), right-of-use assets and other assets at TSE Rs.37 crore.
- Fair valuation gain on non-current investments amounting to Rs.31 crore at Tata Steel Limited (Standalone).

Partly offset by,

- Net Provision for ESS amounting to Rs.92 crore under SBKY scheme at Tata Steel Limited (Standalone).
- Expenses incurred in stamp duty and registration fees for a portion of land parcels and mines acquired as part of business combination amounting to Rs.2 crore at TSLP.
- Impairment of Mini Blast Furnace at TSTH amounting to Rs.11 crore.
- Net impairment charge of Rs.12 crore on ICDs & investments in one of the associates at Tata Steel Limited (Standalone).

The exceptional items in FY2021-22 primarily represents:

- Restructuring and other provisions includes charge on Employees Family Protection Scheme for COVID-19 amounting to Rs.215 crore at Tata Steel Limited (Standalone), TSDPL and at Tata Steel Utilities and Infrastructure Limited ('TSUISL').
- Expenses incurred in stamp duty and registration fees for a portion of land parcels and mines acquired as part of business combination amounting to Rs.27 crore at TSLP.
- Redundancy provisions at TSE amounting to Rs.14 crore.
- Impairment charges (net of reversal) Rs.172 crore in respect of property, plant and equipment (including capital work-in-progress), right-of-use assets and other assets primarily at TSE and TSTH.
- Net Provision for ESS amounting to Rs.331 crore primarily under Second Innings Scheme Rs.123 crore along with charge for ESS under SBKY scheme amounting to Rs.208 crore at Tata Steel Limited (Standalone).
- Impairment of ICDs given to some of the Joint Ventures of the Company Rs.100 crore at Tata Steel Limited (Standalone).

- Impairment on outstanding deferred consideration at TSE Rs.81 crore.

Partly offset by,

- Profit on sale of subsidiaries and non-current investments in NSH Rs.725 crore.
- Reversal of fair valuation loss previously taken on investment in debentures of a joint venture of the Company amounting to Rs.50 crore at Tata Steel Limited (Standalone).
- Gain on sale of land amounting to Rs.31 crore at Tata Metaliks Limited.

j) Property, Plant and Equipment (PPE) including intangibles and right of use assets

			(Rs. crore)
	FY 23	FY 22	Change (%)
Tata Steel (Standalone)	1,12,793	1,08,832	4
TSE	31,048	26,246	18
TSLP	15,511	4,132	275
South-East Asia	1,029	969	6
Others	12,904	11,823	9
Eliminations & adjustments	(1,049)	(980)	(7)
Total PPE including intangibles & right of use assets	1,72,236	1,51,022	14

PPE and intangibles increased by 14% primarily due to acquisition of NINL by TSLP during the year. Increased at Tata Steel Standalone due to increase in capital work-in-progress mainly at Kalinganagar Phase-II and normal additions during the year, which was offset by depreciation and amortisation charge during the year. Increase at TSE was on account of fresh additions in plant and machinery during the year and in capital work in progress offset by depreciation and amortisation charge during the year.

Increase at Others was mainly on account of additions at Tata Steel Mining Limited post acquisition of Rohit Ferro-Tech Limited during the year.

k) Inventories

			(Rs. crore)
	FY 23	FY 22	Change (%)
Finished and semi-finished goods including stock in trade	17,488	16,131	8
Work-in-progress	9,439	6,602	43
Raw materials	20,795	20,441	2
Stores and spares	6,693	5,650	18
Total Inventories	54,415	48,824	11

			(Rs. crore)
	FY 23	FY 22	Change (%)
Tata Steel (Standalone)	20,796	19,943	4

TSE	25,226	22,622	12
TSLP	2,336	1,350	73
South-East Asia	1,200	1,385	(13)
Others	5,038	3,921	28
Eliminations & Adjustments	(181)	(397)	55
Inventories	54,415	48,824	11

Increase was primarily at TSE attributable to build-up of slab inventory at IJmuiden in order to support operations during an extended outage for the Blast Furnace 6 reline at the start of FY2023-24. Increase at Tata Steel Standalone mainly on account of increase in quantities and rates of Finished and semi-finished inventory owing to higher production. Raw material inventory decreased due to lower quantities of imported coking and thermal coal.

Increase at TSLP was primarily on account of acquisition of NINL during the year.

Decrease in SEA was primarily due to lower stock quantities on account of lower production.

Increase in others was primarily on account of higher inventory at Tata Steel Mining Limited.

l) Trade receivables

			(Rs. crore)
	FY 23	FY 22	Change (%)
Tata Steel (Standalone)	3,352	3,280	2
TSE	4,782	8,611	(44)
TSLP	196	60	224
South-East Asia	1,017	1,103	(8)
Others	10,730	11,716	(8)
Eliminations & adjustments	(11,820)	(12,524)	6
Net trade receivables	8,257	12,246	(33)

Decrease was primarily at TSE mainly due to sharp decline in steel prices towards the second half of the financial year. Increase at Tata Steel (Standalone) was primarily at profit centres majorly from new material business due to increase in sales. Decreased at SEA mainly at Siam Industrial Wire Co. Ltd. due to higher collection. Decrease in Others was primarily at Tata Steel Global Procurement ('TSGP') majorly eliminated on consolidation.

m) Gross debt and Net debt

			(Rs. crore)
	FY 23	FY 22	Change (%)
Gross debt	84,893	75,561	12
Less: Cash and Bank balances (incl. non-current balances)	13,453	15,988	(16)
Less: Current investments	3,630	8,524	(57)
Net debt	67,810	51,049	33

Net debt was higher by Rs.16,761 crore over previous year.

Gross debt at Rs.84,893 crore was higher by Rs.9,332 crore as compared to the previous year. Increase in gross debt was mainly on due to net drawal of new term loans and Debentures primarily at Tata Steel Standalone for funding expansion projects. The increase was further expanded by adverse exchange rate movements on the borrowings.

The increase in Net Debt was in line with increase in gross debt along with decrease in cash and cash equivalents including current investments mainly at TSLP post NINL acquisition, partly offset by increase at TSE and Siam Industrial Wire Co. Ltd.

n) Cash Flows

			(Rs. crore)
	FY 23	FY 22	Change (%)
Net Cash from/(used in) operating activities	21,683	44,381	(51)
Net Cash from/(used in) investing activities	(18,679)	(10,881)	(72)
Net Cash from/(used in) financing activities	(6,981)	(23,401)	70
Net increase / (decrease) in cash and cash equivalents	(3,977)	10,099	(139)

Net cash flow from/(used in) operating activities

During the year under review, the net cash from operating activities was Rs.21,683 crore as compared to Rs.44,381 crore during the previous year. The cash inflow from operating profit before working capital changes and direct taxes during the current year was Rs.30,908 crore as against Rs.65,900 crore during the previous year reflecting decline in operating profits during the current year. Cash outflow from working capital changes during the current period was Rs.3,707 crore primarily due to increase in inventory by Rs.4,031 crore, decrease in Non-current/Current financial and other liabilities/provisions by Rs.3,069 crore, partly offset by, decrease in current/non-current financial assets by Rs.3,394 crore. The payments of income taxes during the year under review were Rs.5,519 crore as compared to Rs.11,902 crore during the previous year mainly at Tata Steel Standalone.

Net cash flow from/(used in) investing activities

During the year under review, the net cash outflow from investing activities was Rs.18,679 crore as against an outflow of Rs.10,881 crore during the previous year. The outflow during the year broadly represents capex of Rs.14,142 crore and acquisition of subsidiaries/business undertakings amounting to Rs.10,569 crore, majorly NINL. Offset by Sale (net of purchase) of current investments amounting to Rs.5,189 crore. Inflow on account of interest and dividend receipt Rs.565 crore.

Net cash flow from/(used in) financing activities

During the year under review, net cash outflow from financing activities amounted to Rs.6,981 crore as against outflow of Rs.23,401 crore during the previous year. The net outflow primarily represents payment of dividend Rs.6,293 crore and interest payment Rs.6,120 crore partly offset by proceeds from borrowings (net of repayments including finance lease) Rs.5,428 crore.

o) Changes in Key Financial Ratios

The change in the key financial ratios as compared to previous year is stated below:

			(Rs. crore)
	FY 23	FY 22	Change (%)
Inventory Turnover 1 (days)	79	62	27
Debtors Turnover (days)	15	16	(6)

Current Ratio (Times)	1.01	1.07	(5)
Interest Coverage Ratio 2 (Times)	6.01	12.82	(53)
Debt Equity (Times)	0.76	0.78	(2)
Net Debt Equity (Times)	0.61	0.52	16
EBITDA Margin 3 (%)	13.44	26.16	(49)
Net Profit Margin 4 (%)	3.32	17.11	(81)
Return on average Net Worth 4 (%)	7.27	42.91	(83)

1) Inventory Turnover Ratio: Increased primarily on account of increase in average inventory during the current year and previous year owing to increase in prices of raw materials primarily coking coal.

2) Interest Coverage Ratio: Decreased primarily on account of decline in operating profits along with higher finance cost due to increase in loans.

3) EBITDA Margin: Decreased primarily on account of lower operating profits across geographies due to increase in raw material costs mainly coking coal and lower steel realisations in India.

4) Net Profit Margin and Return on average net worth: Decreased primarily on account of decline in net profits mainly attributable to lower operating profits and higher net finance charge.

VI. Strategy

The year under review saw a challenging external environment due to lack of buoyancy in commodity markets. Raw material prices have also been unfavourable due to its high volatility caused by on-going Russia-Ukraine crisis and periodic COVID-19 outbreaks in China. After a steep decline in first half of the year, steel prices have marginally improved during the latter part of the year.

Despite various headwinds, the Company has maintained focus on strengthening the balance sheet and executing the growth plans in India. Tata Steel remained dedicated to achieving its goal of becoming the most respected and valuable steel company globally.

Tata Steel showed resilience in a testing environment and maintained a strong balance sheet. Also, the Company has successfully maintained its investment grade credit rating. Simplification of portfolio continues with merger of subsidiaries including Tata Steel Long Products Limited and the Tinplate Company of India Limited into Tata Steel.

The Company remains committed to achieve its 2030 growth plan. The following objectives will help achieve the Company's goals:

Market Leadership in India:

Structural factors such as rapid urbanisation, infrastructure investment growth, domestic manufacturing push and increasing affordability are driving demand for steel in India. Demand growth coupled with large raw material reserves and strong base of technically skilled manpower, gives structural advantages for steel industry growth. Tata Steel plans to leverage this growth potential through organic expansion. The Company is well on its track to double its India production capacity by 2030. In the year under review, TSL restarted the steel manufacturing unit of NINL, which was completed within 3 months of acquisition. This will facilitate achieving the objective of balancing the product portfolio between longs and flats. In FY2022-23, the Company made good progress in TSK phase 2 project which will help produce the necessary volumes and grades of steel to serve evolving customer needs. Projects supporting the raw material sufficiency are also well on track.

Becoming an industry leadership will require further work in the areas of digital adoption, deepening understanding of changing consumer behaviour, and building a culture of customer obsession throughout the organisation. Key attributes of leadership are focused on delivering innovative products & services, serving existing and emerging customer needs and providing the best customer experience.

Consolidate position as global cost leader:

Raw material prices and Steel prices have been extremely volatile due to the ongoing Russia-Ukraine conflict and changes in the Chinese steel

demand outlook. To remain ahead in these uncertain times, it is imperative to focus on both operational and structural cost improvement initiatives. This is enabled by focussing on three types of initiatives in India and International sites. First is operational cost saving through programmes such as Aspire and Shikhar²⁵, Tata Steel has achieved global/ Indian benchmark levels on multiple operating KPIs by process improvements. Second type of initiatives are through structural cost reduction, viz Investments in augmenting the raw material portfolio to meet increasing demand, strengthening logistics networks and fixed cost reduction, etc. The idea is to use digital solutions, technology, and infrastructure to enable cost efficiencies. Third type of initiatives are about Simplification, e.g Tata Steel is in the process of merging its subsidiaries including Tata Steel Long Products Limited and The Tinsplate Company of India Limited and separated operations in UK and the Netherlands. These strategic changes will also enhance synergy opportunities across the group.

Attain leadership position in adjacent businesses:

Customer expectation and technologies are both evolving at an unprecedented pace, creating opportunities for growth in businesses adjacent to the Steel industry. The approach is to differentiate through deep understanding of customer needs, relevant technology based solutioning and developing relevant capabilities through the eco-system. Adjacent businesses where the Company aspires to attain leadership positions are:

- 1) Services & Solutions ('S&S'): Leveraging the Company's extensive experience to create solutions for construction and household applications such as doors, windows, and housing solutions.
- 2) New Materials Business ('NMB'): Leveraging trends such as light-weighting, the Company is working to strengthen its non-steel materials business. These businesses which are high on technology intensity, provides a unique opportunity for the Company to offer boutique solutions to the consumer. Currently, Tata Steel is focused on materials such as, fibre reinforced polymer, composites, medical materials, and graphene.
- 3) Commercial Mining: The Government's 'Atmanirbhar Bharat' Programme, regulatory changes, and the need to meet captive raw material requirements beyond 2030 have encouraged the Company to pursue a sustainable mining business. Tata Steel's rich expertise of mining is the core foundation of creating large scale commercial mining business.

Leadership in sustainability: Tata Steel recognises that sustainability is a significant challenge for hard to abate industries, like steel. For this, the Company aspires to take leadership role in the following areas: reduction in specific carbon emission intensity across the value chain, reduction in specific water consumption, reduction of specific dust emissions, enhancing circular economy as a business model, and enriching the biodiversity in areas of our operations. The Company has set ambitious targets in each of these areas and achieving these targets will require the adoption of innovative technologies and the use of new business models.

Strategic enablers:

The Company has identified 4 Strategic enablers to enable achieving its Strategic objectives. The first one is being the best place to work for in Manufacturing in India. This will support the Company to attract and retain talent, that is future ready. This involves having empowering policies, developing best-in-class infrastructure, and having a healthy and safe environment for all employees. Tata Steel is deploying technology and process intervention to achieve this objective.

The second strategic enabler is being a digital leader in steel industry globally. Adopting a digital first approach shall help the Company to unlock value at multiple levels. The Company has made significant strides in this regard. Tata Steel is one of the few enterprises in the world with three manufacturing sites in the Global Lighthouse network by World Economic Forum. Tata Steel is also scaling its various digital initiatives for customers and partners across the globe.

The Company recognises that technology led differentiation in products and processes is going to be key to attain and sustain a leadership position in the industry. To this effect, Tata Steel aspires to be among the top 5 in steel technology globally, as its third strategic enabler. This will enable the Company in meeting emerging needs of existing and new segments and challenges viz. reduction of CO₂ and other Green House gas emissions.

The fourth strategic enabler focuses on fostering a culture which makes Tata Steel future-ready. Tata Steel has embedded culture of, TQM & continuous improvement, safety, ethics, environment consciousness and giving back to the community in the DNA of the organisation. To remain continuously future ready, Tata Steel is working on various initiatives to nurture the culture of Agility, Innovation, while deepening strategic orientation in the organisation.

VII. Human Resource Management and Industrial Relations.

At Tata Steel, leveraging human capital is a key business imperative and the principle of always putting people first guides the Company's policies. Our constant endeavour is to foster a work culture that promotes collaboration, innovation, high performance, and agility. This has led us

on a path of a new world of possibilities, requiring us to work on a new set of challenges for a future-ready workforce.

We have 100+ years of a strong legacy of working in alliance with our various stakeholders. With an aim of encouraging open communication, diverse thinking, and advocacy, a new union was formed and recognised at Tata Steel Kalinganagar for the first time. We strongly believe that this historic move will further strengthen our culture of working together and in joint consultation.

With an intent to break the barriers, provide equitable opportunities to historically excluded groups, and catapult them to the mainstream, Tata Steel has maintained its strong focus on Diversity, Equity, and Inclusion. We recruited 1,100+ diverse talents, which includes a focused hiring effort of bringing 100+ transgender employees into the organisation; a one-of-its-kind and pioneering initiative. The Queerious Challenge was launched to open opportunities for young queer talent across the country contesting in a case study competition which resulted in scholarship awards, internship opportunities, and pre-placement offers.

For our consistent efforts towards overcoming Industry stereotypes, Tata Steel has been recognised as Global Diversity Equity & Inclusion (DEI) Lighthouse 2023 by World Economic Forum (WEF). We also have been recognised as one of the 'Gold Standard' Organisations by the India Workplace Equity Index and have been adjudged as the 'winner' by 'SHRM HR Excellence Awards 2022' in the category of 'Excellence in Diversity & Inclusion'.

To bring further alignment with the cultural ethos of the organisation and to leverage our internal talent, we introduced agile behavioural assessments and Employee Referral Programme.

The organisation has been consistently working towards enabling career growth and learning opportunities for its people. stepUP, our AI-driven internal talent marketplace has been facilitating people with projects and mentoring opportunities. To empower people to take charge of their careers and invest in their aspirations, the scope of stepUP was extended with full-time roles, where people with the right skillset can seize the opportunity and have a chance at horizontal mobility. Ongoing learning and capability development practices were expanded in terms of reach and coverage, and new initiatives were launched to keep up with the rapidly evolving skilling needs. 16 new Schools of Excellence (SoEs) were added in areas such as operations, maintenance, mining, Engineering and Projects, and digital domains taking the total number of ongoing Schools to 41. Some of the older SoEs graduated to the 'Advanced' level in their journey to create experts in various domains. Partnerships were initiated with renowned content providers and new learning platforms to offer more choices to learners and enhance their upskilling experience. An 'Executive Diploma Programme in Projects & Construction Management' in collaboration with National Institute of Construction Management and Research (NICMAR) has been launched to strengthen in-house capabilities in the Engineering and Projects area. The conscious adoption of 'VR and simulation-based training' has enabled experiential learning for our employees. About 2,000 cadre trainees were trained on functional and transformational skills to make them job ready. The organisation onboarded dedicated batches of trans-gender & AA community trainees, reflecting its focused priorities around diversity and affirmative action. Vendor skill development was also given greater focus, with almost 1,00,000 assessments being carried out across all TSL locations. With all these efforts and many more, almost 90% of the entire employee base could be impacted through one or more learning interventions. The organisation won the 'Regional' round in the 'Industry' and 'Student' categories of the World Steel Championship and will be competing in the World Championship organised by World Steel Association. It was also awarded the '1st Position' for the 'Best Establishment 2023' with 39 medals in the 33rd CII National Skill Competition.

We are continuously reimagining ways to fulfil changing employee needs and expectations by providing contextual people experience through impactful initiatives. We rolled out 'Moments that Matter' as an initiative to capture the various impactful moments of an employee's life, like work anniversaries, parenthood, etc. We revamped our recognition mechanism to include experiential rewards and provide a unified experience across our employee segments. TSL has been investing in optimising business processes and systems through automation, mechanisation, and digitalisation. This has helped improve the overall productivity from 850 tonnes of crude steel/employee/year to 885 tonnes of crude steel/employee/year.

For its continuous commitment towards a progressive people-first approach, Tata Steel has been recognised as a Great Place to Work® for the 6th consecutive year. As we look ahead, we are confident that our talented and dedicated workforce will enable us to achieve our goals and make a positive impact on our customers, community, and the world.

VIII. Digital Transformation

At Tata Steel, we continue to focus & invest towards our commitment to Cloud, Data, Artificial Intelligence journey of digital transformation towards the Strategic Enabler 2 of Digital Leadership in the steel industry globally by 2025 (SE2).

Our investments in the business priority led - digitally enabled business transformation have paid us rich dividends. We have seen efficiency gains and are building newer ways of working that enable talent fungibility, safety, collaboration, and improved working conditions. As we deploy these templates across, we expect benefits of simplicity, synergy, scale, sustainability to kick-in thereby driving productivity, throughput & organisational agility. Like digital has changed many business models in other industries, our Company is also harnessing its power to build connected business platforms that help us speed up new product development, optimise our operations & supply chain end-to-end, enhance worker safety, drive speed and agility to optimise cash flows, and build best-in-class hyper-personalised customer, vendor, and employee experience.

We have made significant progress on data maturity as evidenced by the DATOMTM 2022 assessment which put our Company as a forerunner for data excellence. Our Company is now on its way to the next level of optimisation where data driven decisions and insights form a core part of our daily and strategic work. We have undertaken concrete steps to ensure we have the requisite richness in data quality to build a connected, and intelligent enterprise that is able to exploit the full potential of its data using the fast-growing capabilities of Artificial Intelligence – the next level of transformation where AI will be offered as a service.

Generative AI, which has seen a non-linear progression during the last financial year, is expected to play a pivotal role in unlocking the latent potential of data. Our Company is engaging with best-in-class AI ecosystems across the world to lead this wave of change in the manufacturing industry that will see us move from an integrated and connected enterprise towards an integrated inter-operable ecosystem with a harmonised human-machine interface.

In this rapidly evolving tech. ecosystem, competition for hiring & retaining top tech. talent is likely to intensify. Our Company is well-placed to ride this cycle. Deep engagements with premier institutes across the country, supported by our well-recognised Management Trainee programmes, coupled with our robust lateral hiring programmes are allowing us to on-board the best tech talent to sustain our digital transformation journey. Tie-ups with global training & courseware platforms, and various in-house data & technology schools of excellence are providing our employees unparalleled opportunities to upskill & cross-skill themselves to stay ahead of the curve. Business model innovations underpinned by our past investments are allowing us to ensure our employees have top quality engagements while transactional work is outsourced, to bring work to the employee irrespective of location in the form of work from home, virtual command centres for manufacturing & mining creating benchmark employee engagement scores.

Well-entrenched governance structures and processes continue to ensure that there is rigour as well as management timeshare on the transformation with a dedicated team focussing exclusively on digital projects under the broader Shikhar25 umbrella.

With our Company's increasing digital footprint, the risk of Cybersecurity breaches is also going up. Our Company will continue to inculcate a culture of safe cyber-behaviour by all stakeholders in the organisation as this will be critical to ensure uninterrupted business operations.

IX. Corporate Finance

In January 2022, the International Monetary Fund (IMF) had estimated the global growth for 2022 and 2023 at 4.4% and 3.8% respectively. However, during the year, the global growth estimates for 2022 were reduced to 3.4% due to outbreak of the Russia-Ukraine War and monetary tightening by central banks to fight inflation.

In April 2023, IMF revised the global growth estimates for 2023 and 2024 at 2.8% and 3.0% respectively. The rise in central bank rates to fight inflation and Russia-Ukraine war in Ukraine continue to weigh on economic activity. The rapid spread of COVID-19 in China dampened growth in 2022, but the reopening has paved the way for a faster-than-expected recovery. The balance of risks has shifted firmly to the downside so long as the financial sector remains unsettled. Upside risks include renewed easing of supply chain bottlenecks and higher than expected consumptions levels. On the downside, severe health outcomes in China, further escalation in Russia's war in Ukraine and tighter global financing costs could negative impact the growth rates. Financial markets could also suddenly reprice in response to adverse inflation news, while further geopolitical fragmentation could hamper economic progress.

In February 2022, RBI had estimated the GDP to grow by 7.8% in FY2022-23. However, during the year, RBI had reduced the GDP growth estimates for FY2022-23 to 7% on account of the ongoing Russia-Ukraine war, higher inflation across the globe leading to slowdown in demand. Volatile commodity prices had resulted in reduced margins for businesses.

For FY2023-24, RBI has estimated India's GDP to grow at 6.5%, subject to certain upside and downside risks. Upside risks could emanate from stronger than anticipated rebound in the contact-intensive sector, restart of private investment boosted by Government's capex push, healthier corporate balance sheets, sharp reduction in commodity prices, better than expected global growth prospects and early resolution of geopolitical conflicts. On the contrary, an escalation in geopolitical tensions, further hardening of international crude and commodity prices, sustained disruptions to supply chains, persistence of global financial market volatility, sharper loss of momentum in global trade and demand and weather related disruptions pose as downside risks.

Financial Markets:

Due to the inflationary pressures and US Fed rate hike, the 10 year US Bond Yield had steadily increased during the financial year. The aggressive rate hike has resulted in an inverted yield curve where yields on short term treasuries are higher than longer-term treasuries. The inverted yield curve suggests uncertainty in the near term, though yields are expected to stabilise in the long term. In March 2023, high volatility was observed in global financial markets on account of crisis in some banks in US and Europe.

On the domestic front, financial markets remained volatile because of inflationary concerns, aggressive monetary tightening and geopolitical conflict in Ukraine. Due to the above-mentioned reasons, the market sentiments were bearish in the first half of the year, however, the sentiments improved on account of opening up major economies in the second half. Overall, the BSE Sensex closed at 58,962 points by end of March 2023, a growth of 0.7% in one year.

In the bond markets, 10-year G-sec yields had largely been rangebound for the year. In February 2023, the 10-year benchmark G-sec yield marginally eased in response to the commitment to fiscal consolidation in the Union Budget 2023-24 and the announcement of lower than anticipated gross market borrowings. During the year, short end yields curve for corporate bonds had increased more than the increase in RBI's policy repo rate. while the long end yield curve for corporate bonds remained, range bound.

Central Banks and Monetary Policy:

As per IMF World Economic Outlook (April 2023), Global inflation is set to fall from 8.7% in 2022 to 7% in 2023 and 4.9% in 2024 which is still above pre-pandemic (2017–19) levels of about 3.5%.

During the year, US Fed raised the Federal Funds Rate (FFR) by 450 bps. However, given the recent events in banking sector, US Fed has turned more dovish with focus on policy firming to quell inflation instead of rate hikes. Fed expects the FFR to peak in May 2023, thereafter, remain stable for the rest of the year and start its downward trajectory in 2024. US FED forecasts, the Personal Consumption Expenditure (PCE) inflation at 2.8% this year, with core inflation at 3.5%. In 2024 and 2025, both total and PCE inflation are expected to be near 2%.

Similarly, in the Euro area also, CPI inflation was at 8.5% in February 2023 down from 8.6% in January 2023. In UK, the CPI inflation including owner occupiers housing costs (CPIH) for February 2023 was 9.2%, up from 8.8% in January 2023. The higher CPIH inflation rate largely came from housing and household services (mainly from electricity, gas, and other fuels), and food and non-alcoholic beverages. Bank of England raised rates by 350bps in FY2022-23.

Closer home, during the financial year, RBI increased its policy repo rate to 6.5% from 4.00%. RBI's actions are in consonance with the objective of achieving the medium-term target for consumer price index (CPI) inflation of 4% within a band of +/- 2%, while supporting growth. Given the CPI projected at 5.2% for FY2023-24, RBI is expected to keep rates unchanged.

Financing:

In FY2020-21 and FY2021-22, we deleveraged our gross debt by Rs.40,761 crore which is much higher than our annual deleveraging target of USD 1 bn. The deleveraging programme helped strengthen the balance sheet of the Company considerably and prepared us for the next leg of growth. However, in FY2022-23, our Gross Debt increased to Rs.84,893 crore from Rs.75,561 crore due to very high volatility in the earnings, higher working capital requirements, higher capex requirement for completion of Tata Steel Kalinganagar project, acquisition of NINL and the highest ever dividend payout. Even after increase in gross debt in FY2022-23, our average debt reduction has been more than USD 1 bn per annum for the past 3 years.

The Company efficiently triangulates its capital allocation between deleveraging, return to shareholders and growth capex to provide optimal returns to the shareholders. In FY2022-23, we prioritised growth capex, acquisition of NINL and stabilisation of plant along with working capital requirement in our capital allocation. We propose to return to our deleveraging journey in FY2023-24.

The Cold rolling mill & pellet plant in Kalinganagar have started operations recently which will be margin accretive to the existing business. The Kalinganagar Phase II expansion is expected to be completed by the end of FY2023-24.

Credit Ratings:

During the year under review, international rating agency, S&P Global Ratings reaffirmed Tata Steel's Corporate Family Rating at 'BBB-' and revised the Outlook to Positive from Stable. Further, Moody's also reaffirmed the rating to 'Ba1' and revised the Outlook to Positive from Stable due to the Company's track record of good operating performance and conservative financial policy.

During the year, the domestic rating agencies, India Rating and CARE had reaffirmed Tata Steel's long term credit rating at AA+. India Rating revised the outlook from Stable to Positive.

X. Risks and Concerns

Tata Steel operates in an interconnected world with stringent regulatory and environment requirements, increased geopolitical risk and fast pace technological disruptions that could have a material impact across the value chain of the organisation. Tata Steel has implemented an Enterprise Risk Management (ERM) process to provide a holistic view of the aggregated risk exposure as well as to facilitate more informed decision-making.

In its journey towards Risk Intelligence, a robust governance structure has been developed across the organisation. The Board of Directors has constituted a Committee of the Board called the Risk Management Committee. At Senior Management level, an Apex Risk Committee (ARC) has been constituted to drive the ERM process across Tata Steel Group.

Information regarding Key Risks facing Tata Steel and their mitigation strategies is given below:

Financial Risks:

Tata Steel has Rs.84,893 crore of debt as on March 31, 2023 and aspires to nearly double its capacity in India and reach 40 MnTPA by 2030 in a sustainable manner. The plan is to deleverage further and pace the growth in line with internal accruals but Tata Steel would also need to raise external capital from banks and capital markets. As the financial system in India is closely integrated with the global financial system, any funding plan may be affected by risk appetite and sentiments of global financial market.

Separately, evolving climate change regulation and disclosure standards are also likely to weigh on availability of capital.

During the financial year, global financial markets have been amidst a transition from a low inflation rate dynamic to relatively persistent high inflation and interest rate environment. Globally, most of the major central banks have remained committed to raising benchmark rates to combat inflation despite geopolitics, volatility in energy prices and tight supply chains. US Fed has raised rates from around 0.25% in March 2022 to 5% by March 2023. In India, RBI increased the repo rate by 250 bps. For the Company, rising interest rate environment may adversely impact the cost of financing.

Tata Steel also has some exposure to currency volatility due to its imports of raw material and project equipment as well as foreign currency debt.

Mitigation Strategies:

Tata Steel has been actively mitigating the risk by de-risking the balance sheet with a focus on cash flow generation and deleveraging as we seek to strike a balance between growth and return to shareholders. We consciously diversify our sources to tap available pools of capital and proactively work towards raising longer term debt with flexible terms. Our capital allocation strategy prioritises value-accretive projects with short payback periods.

During the year, we acquired NINL via our subsidiary Tata Steel Long Products Limited, and this was funded via a mix of internal accruals and debt. Despite the large cash pay outs, our group liquidity remains strong at Rs.28,688 crore, gross debt remains at Rs.84,893 crore and our financial metrics continue to be well within investment grade levels.

Tata Steel is engaged with international bodies viz. Task Force on Climate – Related Financial Disclosures (TCFD) and is focused on improving ESG disclosures, complying with evolving standards and developing a sustainable financing framework.

We proactively manage our exposure to currency & interest rates and utilise a mix of instruments to hedge the same.

Macroeconomic and Market risks:

Steel demand is affected by geopolitical uncertainties, macro-economic outlook, trade barriers and protectionist trade policies. The prolonged inflationary pressures emanating especially from supply chain disruption of energy and commodities may impact global demand adversely. Changing customer preferences are triggered by adoption of newer grades of steel and sustainable steel products.

Mitigation Strategies:

Sticky high inflation, trade barriers and protectionist trade policies may impact steel demand. For instance, in FY2022-23 the Indian Government imposed export duty during May 2022 to November 2022 to control domestic inflation. Since TSL sales are majorly concentrated in the domestic market, the Company could manage the implication through recalibration of its sales mix at geography and at segment level to balance demand

supply requirements.

The Company remains vigilant of the evolving market conditions and regulatory environment and closely analyses its impact on steel-intensive sectors.

In our endeavour to enhance footprint & leverage the growing opportunities in India, we have built a diversified portfolio of product offerings for customers from a range of industries. Dedicated marketing and sales teams service customers and build deep customer engagement by customising products, improving reliability, and providing value added services. Tata Steel has invested in building a strong marketing franchise with well-regarded brands and a large network of distributors, dealers, and stocking points across the country. Efforts to identify and pursue micro-segmentation in customer segments to drive demand in the face of market volatility has helped in increasing sales and reducing the exposure to demand volatility. The Company has also delivered robust sales performance driven by rise in value added products. New products have been developed across customer segments. It has also built channels internationally to enable exports. In Europe, the Company continues to target and develop more differentiated product sales mix for value-driven segments.

Steel industry is cyclical and ways to mitigate the risk of cyclicalities are by entering into long term contracts with discerning customers (especially automotive segment) and by offering solutions. Stringent quality norms of automotive customers help TSL in enhancing its technical competencies and develop new products. We have forayed into ready-to-use steel for construction industry and introduced products such as steel doors and windows, furniture to enhance our retail customer base. Nest-In has been recognised as India's leading brand, 2022, in the steel-based modular construction solution category at the Indian Brand & Leadership Conclave, 2022. We are also diversifying our product offerings beyond steel by introducing new materials such as composites, Fibre Reinforced Products, etc. The Company has recorded a broad-based growth in domestic deliveries. The composites business has marked its presence in the industrial, infrastructure and railway segments and the focus is currently on market expansion and capacity augmentation. The Graphene business is delivering safest conveyance through 'Wondra' - (Graphene coating solutions) and value-based industrial solutions for the Company.

Regulatory Risks:

Indian Steel Industry is expected to grow at the rate of 6% to 7% during this decade. However, the growth trajectory of the steel industry would have its own set of challenges. The regulatory landscape in the metals & mining industry is becoming stringent due to geopolitical developments, changing trade patterns, enhanced focus on Environment, Social and Governance (ESG) aspects. Non-adherence to such stringent regulatory ecosystem may impact business operations and reputation.

Steel being an energy intensive and hard to abate sector needs to transition towards low emission steel and the Government of India may impose taxes and penalties to drive ESG journey.

Mitigation Strategies:

Tata Steel is continuously scanning the regulatory canvas to assess the impact of changing rules and policies on its current operations and future growth trajectory.

The Company has a robust compliance and risk management system. We are committed to complying with existing laws and regulations, promoting environmental stewardship and have a policy of zero tolerance to non-compliance. Tata Steel has invested in benchmark systems and processes that are accessible for all to steer compliance and aid management of risks across the organisation.

With an aim to develop a future-ready industry, the Company is investing in Research & Development for Technology transformations, digitalization, capacity building and development of resources while adhering to the principles of social and climate justice as a proactive approach towards regulatory compliances. We are committed to net zero by 2045 in our decarbonisation journey.

The Company also pursues policy advocacy with an objective to create value for all stakeholders.

Operational Risks:

The Steel manufacturing processes are vulnerable to disruptions resulting from a range of factors including rising uncertainty in extreme weather conditions, natural disasters, equipment failures. Further, TSUK has specific issues of ageing assets. Such disruptions have the potential to impact the Company's operations, safety and customer service levels, warranting appropriate risk management strategies to mitigate their potential impact.

Mitigation Strategies:

The Company has endeavoured towards adopting advanced maintenance practices for enhanced plant availability and reliability. A dedicated team analyses benchmark practices to develop state-of-the-art Asset Management and Diagnostic Centre (AMDC) for implementing predictive analytics to implement the concept of smart connected plant. The robust digital ecosystem enables real-time shutdown management for optimal co-ordination and improved asset reliability across the steel value chain. The Company has invested in state-of-the-art equipment and processes. Various plants, including Tata Steel Jamshedpur, Kalinganagar and the IJmuiden Plant in the Netherlands, have been recognised as Advanced 4th Industrial Revolution Lighthouse' by the World Economic Forum. At Tata Steel UK, capital expenditure on replacing ageing assets beyond end of life is being carried out through a risk-based process, wherein assets at a higher risk of operational and safety failure are prioritised. Additionally, preventive maintenance through close monitoring of assets is being done.

The growing geopolitical situations and instances of supply chain disruptions have further aggravated the uncertainty in availability of spares which have dependence on single geography/vendor partner or have limited alternatives. Hence the focus has been on indigenisation of spares to achieve self-reliance and to digitalise the process to maintain optimised inventory. The indigenisation initiative is aligned to the 'Make-in-India' focus and encourages the vendor partners to supply supreme quality spares and benchmark lead times.

We are cautious of the growing uncertainty in weather patterns leading to extreme heat and heavy rainfall. To ensure our employees' safety and business operations' continuity, we have developed a detailed disaster plan and standard operating procedures to respond to natural disasters, epidemics/pandemics, and extreme weather events.

Safety Risks:

Steel industry is inherently prone to hazards affecting workforce health and safety which may adversely impact business continuity and reputation. This is further aggravated with the geographical expansion and diversification of our business and operations that faces various stringent safety laws & regulations.

Mitigation Strategies:

With the motto of 'Committed to Zero', we have remained steadfast to our belief of safeguarding people and maintaining business continuity. To meet this target, the Company has continuously fortified the Safety Management and Governance mechanism, built a safety focused culture across business operations. A robust risk management framework is in place and continuous efforts have been put to improve the risk visualisation among workforces. Improving behavioural safety of the workforce at workplace through experiential learning and focus on dissemination of safety standards has been the key to improve risk perception.

Tata Steel has institutionalised business continuity management through development of Tactical centre for response to any major onsite emergency and developed Centre of Excellence (CoE) in Process Safety Management to deploy standardised process safety management across the organisation. The Safety theme park was developed to train employees and promote safety at all touchpoints. Safety Excellence Reward and Recognition framework has been extended beyond Managerial positions and vendor partners for demonstrating safety commitment and promoting a culture of safety in the organisation.

Further, Tata Steel stresses upon the capability development & training of all stakeholders such as employees, vendor & business partners, trainees at regular intervals. Practical Safety Training Centre has been developed with a purpose to improve the risk perception of the workforce on various critical hazards. Here, hands-on training is imparted on different modules such as Working at Height, Material Handling, Gas Safety, Confined Space, Heavy vehicle simulators, First Aid & Cardiac Pulmonary Resuscitation (CPR), and Virtual Reality for moving machinery.

Various campaigns such as 'National Road Safety Month' and those related to mitigation of risks associated with top hazards were undertaken. Deeper introspection on road safety practices, reaching beyond the Company premises, systematically introducing technological interventions on roads and vehicles, and connecting with all the road pilots on one-to-one basis improved the risk perception and behaviour. Additionally, focused Campaigns such as 'Slip Trip Fall', 'Working at Height', etc. to identify the hazards and its risk mitigation by risk hierarchy of control philosophy reinforced safe behaviour among employees and contract employees.

Workplace Safety & Process Safety Management in Tata Steel have matured over the years through adoption of various robotic & technological solutions. Digital platforms have been continuously enhanced to address and mitigate key concerns. Some of the examples are, introduction of new Robotic System for Wagon Tippler II operations, to eliminate man-machine interface during the coupling of wagons & hereby improving safety. In Raw material locations, redefining core mining processes such as exploration and mine planning using drone data and adequate analytics demand fewer on-foot exploration requirements and hereby improving site safety. Some of the future ready infrastructures are deployed such as digital enablers including CCTV surveillance, man-less weighbridge, paperless despatch, and automated boom barrier to augment safety and augment operational efficiency.

Controlled implosion of two obsolete coke plant chimneys and a Coal Tower was safely carried out at Tata Steel Jamshedpur Works using the

latest technologies which corroborates the Company's excellence in safe execution of job. At Tata Steel European operation, Time Out for Safety campaign rolled out across all employees and core contractors in the UK. Positive feedback and impact since start formed increased level of engagement.

Community Risks:

We have always fostered a business model and social context that is shared with communities and ultimately aims for a significant improvement in quality of life, prioritising marginalised communities proximate to our operating locations. Moreover, there is a growing pressure from local communities proximate to our coal based manufacturing facilities in Europe over emissions. This is fostered through consistent and transparent dialogue, understanding of vulnerabilities, recognition of aspirations and appreciation of cultural nuances of communities. An erosion of trust with communities will slow down societal impact and lead to consequent loss of reputation or business continuity.

Mitigation Strategies:

Tata Steel anchors one of the deepest and most diverse societal development efforts based on a combination of programmes and platforms addressing core development challenges for over 3.15 million lives directly every year. The Company adopts a Board led strategic approach to deepening trust and commits talent and resources through the Tata Steel Foundation for enabling dialogue with marginalised communities, creating a felt understanding of their perspective and societal impact through four pathways – (a) nationally relevant change models which have been built to address core development challenges over several years resulting in more than 2,400 habitations being declared child labour free zones, 40% decline in maternal and child mortality rates in remote tribal regions and several tribal languages of the country finding expression through more than 30,000 learners every year; (b) regional change models for lasting betterment in well-being of communities which recognise the specific nuances of Eastern India in solving for challenges like community led water conservation efforts yielding more than 45 million cubic feet of recharge capacity in key watersheds, more than 4,000 students trained in vocations based on localised aspirations and a platform for persons with disability which has now brought an entire block towards 100% access to entitlements; (c) embedding a societal perspective in business decisions, for which more than 600 business school students and 50 management personnel have undergone a social immersion designed to learn from communities and enhance a sense of purpose across management in the Company and the first completely tribal batch of apprentices were taken on this year and (d) impact ecosystems based on thought leadership, which builds on the experience and capability of societal impact to bring in more partners in progress for regions and communities who need greater attention and thinking.

The key driver of this approach are multiple structured forums for dialogue with communities which are convened periodically to discuss and co-create a shared impact agenda, including replicating the same processes and impact across new locations. The Company, also, has a portfolio of products which is aimed at addressing societal challenges such as affordable housing and farm income enhancement, while key business processes are also designed to have a clear diversity and affirmative action perspective. Tata Steel Thailand is one of the first 30 companies that joined UNICEF in Child Friendly Business in 'The Children Sustainability Forum' to make a commitment in protecting children's rights. Tata Steel Europe's Community Partnership Programme 'Future Generations', with sub-themes of education, environment, health, and well-being, works across the UK, assisting job and wealth creation by supporting small and medium businesses with finance and business premises. Tata Steel Netherlands is actively pursuing measures through Roadmap+ programme to reduce emissions such as nitrogen oxide, dust deposition, polycyclic aromatic hydrocarbons, heavy metals, lead, particulate matter, etc. to address health concerns of IJmuiden communities and support local initiatives.

Our efforts have been recognised across national and global platforms including the National CSR Award for Excellence in CSR as well as Contribution to Education from the Ministry of Corporate Affairs, India.

Commodity Risks:

Coal, iron ore and other bulk commodities contribute to a major part of the operating costs of Tata Steel and their sourcing is concentrated in specific geographies. Geopolitical developments coupled with changes in market dynamics not only pose a risk to raw material availability but also have an adverse impact on sea freights. The volatility in Raw Material prices is also leading to cost escalation and major changes in working capital/cash flow position. Price volatility and supply chain risks are expected to continue in the coming year considering the geopolitical events, weather disruptions, continued Russia-Ukraine conflict, exchange rate movements and energy crisis.

Volatility in prices of process consumables has a significant impact on the input costs of steelmaking as observed in the past few years. Few of the commodities also have a high/complete dependence on a single geography which poses a potential risk of supply disruption with adverse price impact.

Changes in statutory and sustainability norms in importing/exporting countries pose a threat to the supply chain in the near term.

Mitigation Strategies:

Steel prices have a significant correlation with raw material prices. Changing prices of coal and iron ore generally reflect through adjustments in steel prices, which in effect acts as a natural hedge against volatility. However, there may be a lead and lag involved and hence several steps are being taken to manage the price volatility. In addition, the Company has implemented group-wide hedging using financial instruments. Price forecasting tools are being used for commodities like Coal, Zinc, Aluminium, etc. to understand price movements and to time the buy for optimising costs. Tools like reverse auctions are being used for efficient price discovery for commodities like coal, ferro-alloys, refractories, etc.

Coal sourcing is being diversified – sourcing being established from countries like Indonesia, USA, and Canada in addition to Australia. This coupled with the trial of new grades of coals/use of weak coals with better Value in Use will ensure the availability of coal to meet the plant requirements and reduce the cost of sourcing. Long-term tie-ups with suppliers in Australia will keep prices competitive with an improved reliability.

Indigenisation has been identified as one of the major levers to de-risk the supply chain for both direct and indirect commodities which are dependent on import sources. Where indigenisation is not possible, alternate country sourcing beyond China or development of substitute products is also being explored.

Sustainable procurement policy is being deployed to engage with suppliers/service providers to take initiatives in the areas of ‘reduce, recycle, and reuse’ and foster responsible supply chain policy.

Risk assessment for key vendors is also undertaken to assess the capability of vendors in meeting the supply requirements.

Supply Chain Risks:

Tata Steel has one of the industry’s rather unique and complex value chains extending from mining to steel. Thus, the scale and complexity of operations pose several risks including the timely movement of key raw materials from captive mines and imported raw materials from ports to consuming plants and thereafter the movement of finished goods from plants to customers in India/ Europe and export markets.

The supply chain network is subjected to physical and environmental destructions, trade restrictions due to geopolitical tensions and disruptions at suppliers. Additionally, our dependency on common logistics infrastructure resources like ports and Indian Railways that are constrained in terms of capacity & availability may lead to logistics related disruptions.

Around 40% of India’s steel capacity is concentrated in Eastern India (where majority of our plant facilities are located), whereas the consumption points are largely in the North, South, and Western parts of India. Thus, the common logistics infrastructure resources like ports and Indian Railways are constrained in terms of capacity & availability and our dependence on these bring the risk of logistics-related disruptions. Events like the power crisis puts rake availability under stress. The rake crisis has also affected the metallics circuit as more rakes are getting diverted to the thermal coal & iron ore-pellet exports circuit.

The statutory norms are also getting stringent and there is an emerging need to address Environmental, Social and Governance (ESG) issues to sustain business in the long run.

Given the long-term growth plan of Tata Steel, some of these risks may get further aggravated, hence seeding strategies for mitigating the same have been put in place.

Mitigation Strategies:

While Tata Steel supply chain is complex, it also provides opportunities for value maximisation through global optima. The division works in synergy with all other divisions with an overall focus on reliability for all sites on Integrated Margin Management (IMM) principles.

Tata Steel has adopted a hedging strategy in addition to the long-term contracts to keep sea freight spend in check. Also, actions are being taken to reduce demurrage and sub-optimal costs through route optimisation.

We have also entered into long term partnership agreements with major ports like Dhamra and Paradip (KICTPL- Kalinga International Coal Terminal Private Ltd.) to de-risk import supply chain. A new port infrastructure is being developed in the East Coast of India (i.e., Subarnarekha Port) to support the import requirements for its long-term steel capacity growth plan (40 MnTPA) in India by 2030.

To remove reliance on Indian Railways, we have invested in private freight train schemes- GPWIS (General Purpose Wagon Investment Scheme) and SFTO (Special Freight Train Operator). The GPWIS and SFTO rakes currently carry 22% of raw materials and 11% of Finished goods

respectively and their deployment is being steadily increased. Further, the slurry pipeline project for iron ore transportation from captive mines to plants is in progress to provide an alternate mode of transportation to Indian Railways.

We are one of the few companies to measure end-to-end Scope 3 CO₂ emissions in all modes of transportation. Further, the Scope 3 measurement system is being strengthened through engagement with experts and digital interventions. An alternate fuel-based fleet has been deployed in road and sea transportation to reduce Scope 3 CO₂ emissions. Tata Steel has deployed around 69 CNG/LNG/Electricity based vehicles in short lead road circuits and the number of vehicles will be doubled in FY2023-24. A total of 7 import shipments have been done in FY2022-23 using biofuels/ LNG and the same is being increased to 28 shipments in FY2023-24 (corresponds to 13% of total sea cargo movement to India). Our critical vendors are assessed annually on Responsible Supply Chain Policy (RSCP) framework and continuous improvements are undertaken based on the findings.

Information Security Risks:

The Company's operations significantly rely on IT and digital infrastructure. The organisation has made several investments on digital transformation for important and complex processes. One of the key attributes of Digital transformation journey is the connected Architecture i.e., B2B integrations, Information Technology (IT) & Operating Technology (OT) integration channels for Artificial Intelligence (AI), Remote operations which brings many benefits, such as increased efficiency, better decision-making, and improved operational performance. However, these integrations also may increase the organisation's exposure to cyber risk.

Data privacy laws and regulations are in place to govern the data privacy and protection requirements. Non-compliance to IT legislations and regulations may lead to imposition of penalties and adverse impact on Company's reputation.

Mitigation Strategies:

Tata Steel has implemented advanced security measures such as strong access controls, Next Generation Firewall, Advanced Threat Protection, End Point Detection & Response to give real time detection capabilities based on behaviour, lateral movements.

Integrated IT & OT Security Operation Centre has been implemented to give near real time visibility of security events generated on systems to identify abnormalities with immediate trigger to mitigation actions. 24*7*365 external attack surface management has been set up to identify potential risks over internet and try out exploits in attackers' perspective which helps to take immediate mitigation before being identified and utilised by attackers.

Tata Steel regularly assesses cybersecurity posture and conduct security audits to identify potential vulnerabilities. The same security initiatives are being extended to Tata Steel Group Companies (TSGCs) and has implemented Security information and Event management as core fundamentals of Security Operation Centre in various TSGCs. Zero Trust Architecture is also being implemented for TSGCs.

The Company has implemented various policies and procedures to ensure data privacy. Proactive software asset management is being carried out to ensure compliance.

XI. Internal Financial Control Systems and Internal Audit

The Company has an Internal Financial Controls ('IFC') framework, commensurate with the size, scale, and complexity of the Company's operations. The Board of Directors of the Company is responsible for ensuring that IFC have been laid down by the Company and that such controls are adequate and operating effectively. The internal control framework has been designed to provide reasonable assurance with respect to recording and providing reliable financial and operational information, complying with applicable laws, safeguarding assets from unauthorised use, executing transactions with proper authorisation and ensuring compliance with corporate policies. The Company's internal financial control framework commensurates with the size and operations of the business and is in line with requirements of the Companies Act, 2013. The Company has laid down Standard Operating Procedures and policies to guide the operations of each of its functions. Business heads are responsible to ensure compliance with these policies and procedures. Robust and continuous internal monitoring mechanisms ensure timely identification of risks and issues. To make the controls more robust and comprehensive, IFC standardisation & rationalisation project was undertaken in FY2020-21 which has ensured comprehensive coverage cutting across all functions of the Company. In order to reduce manual time and efforts involved in control testing, improve confidence in testing results, increase the frequency of testing and resort to full checking of the data as compared to sample testing, automation of controls was undertaken in FY2021-22, whereby around 30% of the controls were automated which have been tested in automated environment in the current financial year. The management, statutory auditors and internal auditors have also carried out adequate due diligence of the control environment of the Company through rigorous testing.

The Company has deployed SAP Governance, Risk and Compliance (GRC) Module and other IT platforms to keep the IFC framework robust and our Information Management Policy governs these IT platforms. IFC has been documented and embedded in the business processes and such controls have been assessed during the year under review and no material weaknesses were observed.

The scope and authority of the Internal Audit function is defined in the Internal Audit Charter. To maintain its objectivity and independence, the Internal Auditor reports to the Chairman of the Audit Committee. The Internal Audit team develops an annual audit plan based on the risk profile of the business activities. The Internal Audit plan is approved by the Audit Committee, which also reviews compliance to the plan. The Internal Audit team monitors and evaluates the efficacy and adequacy of internal control systems in the Company, its compliance with operating systems, accounting procedures, and policies at all locations of the Company and its subsidiaries. Based on the report of the Internal Auditor, process owners undertake corrective action(s) in their respective area(s) and thereby strengthen the controls.

Significant audit observations and corrective action(s) thereon are presented to the Audit Committee and shared with the Statutory Auditors. The Audit Committee at its meetings reviews the reports submitted by the Internal Auditor. The Audit Committee also, at frequent intervals, has independent sessions with the statutory auditor and the Management to discuss the adequacy and effectiveness of IFCs.

XII. Statutory Compliance

The Company has in place adequate systems and processes to ensure that it is in compliance with all the applicable laws. The Company Secretary & Chief Legal Officer (Corporate & Compliance) is responsible for implementing the systems and processes for monitoring compliance with the applicable laws and for ensuring that the systems and processes are operating effectively. The Chief Executive Officer & Managing Director, places before the Board, at each meeting, a certificate of compliance with the applicable laws. The Company Secretary & Chief Legal Officer (Corporate & Compliance) also confirms compliance with Company law, SEBI Regulations and other corporate laws applicable to the Company.

Annexure [2] to Directors Report is disclosed separately in the "Disclosure of corporate social responsibility explanatory [Text Block]" in XBRL document.

ANNEXURE 3

Corporate Governance Report

Company's Corporate Governance Philosophy

Corporate Governance is the creation and enhancement of long-term sustainable value for our stakeholders, comprising regulators, employees, customers, vendors, investors, and the society at large, through ethically driven business practices. Effective corporate governance practices constitute the strong foundation on which successful commercial enterprises are built to last. Strong leadership and effective corporate governance practices have been the Company's hallmark inherited from its culture and ethos. At Tata Steel, it is imperative that our Company's affairs are managed in a fair and transparent manner.

We ensure that we evolve and follow not just the stated corporate governance guidelines, but also globally best practices. We consider it our inherent responsibility to protect the rights of our shareholders and disclose timely, adequate and accurate information regarding our financials and performance, as well as the leadership and governance of the Company.

In accordance with our Vision, Tata Steel Group ('TSG') aspires to be the global steel industry benchmark for 'value creation' and 'corporate citizenship'. TSG expects to realise its Vision by taking such actions as may be necessary, to achieve its goals of value creation, safety, environment and people.

The Company is in compliance with the requirements stipulated under Regulations 17 to 27 read with Schedule V and clauses (b) to (i) and (t) of Regulation 46(2) of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015 ('SEBI Listing Regulations'), as applicable, with regard to corporate governance.

To further strengthen Company's corporate governance philosophy, the Company has also adopted the Tata Business Excellence Model.

Code of conduct

The Company has a strong legacy of fair, transparent and ethical governance practices.

The Company has adopted the Tata Code of Conduct (TCoC / Code) for Executive Directors ('EDs'), Senior Management Personnel and other Executives and Employees, which is available on the website of the Company at www.tatasteel.com. The Company has received confirmations

from the EDs as well as Senior Management Personnel regarding compliance of the Code during the year under review. The Company has also adopted the Code of Conduct for Non-Executive Directors ('NEDs') of the Company which includes the Code of Conduct of Independent

Directors ('IDs') which suitably incorporates the duties of Independent Directors as laid down in the Companies Act, 2013 ('Act'). The same is available on the website of the Company at www.tatasteel.com. The Company has received confirmation from the NEDs and IDs regarding compliance of the Code, for the year under review.

Tata Code of Conduct for Prevention of Insider Trading and Code of Corporate Disclosure Practices

In accordance with the Securities and Exchange Board of India (Prohibition of Insider Trading) Regulations, 2015, ('SEBI Insider Trading Regulations'), as amended from time to time, the Board of Directors of the Company has adopted the Tata Code of Conduct for Prevention of Insider Trading and the Code of Corporate Disclosure Practices ('Insider Trading Code').

Mr. Parvatheesam Kanchinadham, Company Secretary & Chief Legal Officer (Corporate & Compliance) is the 'Compliance Officer' in terms of this Insider Trading Code.

Board of Directors

The Board of Directors ('Board') is at the core of our corporate governance practice and oversees and ensures that the Management serves and protects the long-term interest of all our stakeholders. We believe that an active, well-informed and independent Board is necessary to ensure the highest standards of corporate governance.

Size and Composition of the Board

Our policy is to have a mix of EDs, NEDs, and IDs to maintain the Board's independence and separate its functions of governance and management. As on March 31, 2023, the Board comprised of ten members, two of whom are EDs, three are NEDs and five are IDs including two Women Independent Directors. The Board periodically evaluates the need for change in its composition and size. Detailed profile of our Directors is available on our website at www.tatasteel.com/corporate/our-organisation/leadership/

The composition of the Board is in conformity with Regulation 17 of the SEBI Listing Regulations read with Section 149 and Section 152 of the Act. During the year under review and as on date of this report, none of our Directors serve as Director or as IDs in more than seven listed companies and none of the EDs serve as IDs on any listed company. Further, none of our IDs serve as Non-Independent Director of any company on the board of which any of our Non-Independent Director is an ID.

Independent Directors are Non-Executive Directors as defined under Regulation 16(1)(b) of the SEBI Listing Regulations read with Section 149(6) of the Act along with rules framed thereunder. In terms of Regulation 25(8) of SEBI Listing Regulations, they have confirmed that they are not aware of any circumstance or situation which exists or may reasonably be anticipated that could impair or impact their ability to discharge their duties. Based on the declarations received from the Independent Directors, the Board of Directors has confirmed that they meet the criteria of independence as mentioned under Section 149 of the Act and Regulation 16(1)(b) of the SEBI Listing Regulations and that they are independent of the Management. Further, the IDs have in terms of Section 150 of the Act read with Rule 6 of the Companies (Appointment & Qualification of Directors) Rules, 2014, confirmed that they have enrolled themselves in the Independent Directors' Databank maintained with the Indian Institute of Corporate Affairs.

The Company has issued formal letters of appointment to the IDs. As required under Regulation 46 of the SEBI Listing Regulations, as amended, the terms and conditions of appointment of IDs including their role, responsibility and duties are available on our website at www.tatasteel.com/media/2917/terms-and-conditions-of-appointment-of-independent-directors.pdf

During FY2022-23, none of our Directors acted as Member in more than 10 committees or as Chairperson in more than 5 committees across all listed entities where they serve as a Director. For the purpose of determination of limit of the Board Committees, chairpersonship and membership of the Audit Committee and Stakeholders' Relationship Committee has been considered as per Regulation 26(1)(b) of SEBI Listing Regulations. Further, there are no inter-se relationships between our Board Members.

Changes to Board during FY2022-23

1. As per the terms and conditions of appointment, Ms. Mallika Srinivasan completed her second term as an Independent Director of the Board and ceased as an Independent Director and Member of the Board effective May 20, 2022.

2. Mr. David W. Crane stepped down as an Independent Director and Member of the Board effective September 5, 2022. He decided to step down, since he joined the United States Department of Energy as the Director of the Office of Clean Energy Demonstration, wherein the said position required him to step-off from all private sector positions that he held. Further, Mr. Crane confirmed that there were no other material

reasons other than those mentioned above, for his resignation as an Independent Director from the Board of the Company.

3. Ms. Bharti Gupta Ramola was appointed as an Independent Director of the Company for a term of 5 (Five) years commencing November 25, 2022 through November 24, 2027.

4. Mr. Koushik Chatterjee was re-appointed as Whole-time Director designated as Executive Director and Chief Financial Officer for a further period of 5 (Five) years commencing November 9, 2022 through November 8, 2027.

Table A : Composition of the Board and Directorships held as on March 31, 2023:

Name of the Director	No. of directorship in other Indian Public Companies(1)		No. of Board Committee positions in other Indian Public Companies(2)		Directorship in other listed entity (Category of Directorship)
	Chairperson	Member	Chairperson	Member	
Non-Executive, Non-Independent Directors					
Mr. N. Chandrasekaran (Chairman) DIN: 00121863	7	-	-	-	a) Tata Consultancy Services Limited (Non-Executive, Non-Independent, Chairman)
					b) Tata Motors Limited (Non-Executive, Non-Independent, Chairman)
					c) Tata Consumer Products limited (Non-Executive, Non-Independent, Chairman)
					d) The Tata Power Company Limited (Non-Executive, Non-Independent, Chairman)
					e) The Indian Hotels Company Limited (Non-Executive, Non-Independent, Chairman)
					f) Tata Chemicals Limited (Non-Executive, Non-Independent, Chairman)
Mr. Noel Naval Tata (Vice-Chairman) DIN: 00024713	4	1	1	2	a) Trent Limited (Non-Executive, Non-Independent, Chairman)
					b) Voltas Limited (Non-Executive, Non-Independent, Chairman)
					c) Tata Investment Corporation Limited (Non-Executive, Non-Independent, Chairman)
					d) Titan Company Limited (Non-Executive, Non-Independent, Vice-Chairman)
Mr. Saurabh Agrawal DIN: 02144558	5	2	-	1	a) The Tata Power Company Limited (Non-Executive, Non-Independent)

					b) Voltas Limited (Non-Executive, Non-Independent)
					c) Tata AIG General Insurance Company Limited (Debt Listed) (Non-Executive, Non-Independent, Chairman)
					d) Tata Capital Limited (Debt Listed) (Non-Executive, Non-Independent, Chairman)
Independent Directors					
Mr. O. P. Bhatt DIN: 00548091	1	3	1	5	a) Tata Consultancy Services Limited (Non-Executive, Independent)
					b) Hindustan Unilever Limited (Non-Executive, Independent)
					c) Tata Motors Limited (Non-Executive, Independent)
					d) Aadhar Housing Finance Limited (Debt Listed) (Non-Executive, Independent, Chairman)
Mr. Deepak Kapoor DIN: 00162957	1	2	1	3	a) HCL Technologies Limited (Non-Executive, Independent)
					b) Delhivery Limited (Non-Executive, Independent, Chairman)
Ms. Farida Khambata DIN:06954123	-	2	-	-	a) Tata Investment Corporation Limited (Non-Executive, Independent)
Mr. V. K. Sharma DIN: 02449088	-	4	2	3	a) Mahindra and Mahindra Limited (Non-Executive, Non-Independent)
					b) Reliance Power Limited (Non-Executive, Independent)
					c) NURECA Limited (Non-Executive, Independent)
Ms. Bharti Gupta Ramola DIN: 00356188	-	2	-	1	a) SRF Limited (Non-Executive, Independent)
					b) HDFC Life Insurance Company Limited (Non-Executive, Independent)
Executive Directors					
Mr. T. V. Narendran DIN: 03083605	2	-	-	-	a) Tata Steel Long Products Limited (Non-Executive, Non-Independent, Chairman)
Mr. Koushik Chatterjee DIN: 00004989	2	2	-	2	a) Tata Metaliks Limited (Non-Executive, Non-Independent, Chairman)

					b) The Tinplate Company of India Limited (Non-Executive, Non-Independent, Chairman)
					c) Tata Steel Long Products Limited (Non-Executive, Non-Independent)

(1) Directorships in Indian Public Companies (listed and unlisted) excluding Tata Steel Limited, Section 8 Companies and foreign companies.

(2) In terms of Regulation 26(1)(b) of the SEBI Listing Regulations, the disclosure includes chairmanship / membership of the Audit Committee and Stakeholders' Relationship Committee in other Indian Public companies (listed and unlisted) excluding Tata Steel Limited. Further, membership includes positions as Chairperson of committee.

Selection of New Directors and Board Membership Criteria

The Nomination and Remuneration Committee ('NRC') formulates and recommends to the Board the appropriate qualifications, positive attributes, characteristics, skills and experience required for the Board as a whole and its individual members with the objective of having a Board with diverse backgrounds and experience in business, government, education and public service. The Policy for appointment and removal of Directors and determining Directors' independence is available on our website At <https://www.tatasteel.com/media/6816/policy-on-appointment-and-removal-of-directors.pdf>

Key Board Qualifications, Expertise and Attributes

The Members of the Board are committed to ensuring that the Board is in compliance with the highest standards of Corporate Governance. The table below summarises the key skills, expertise, competencies and attributes which are taken into consideration by the NRC while recommending appointment of Directors to the Board:

Table B : Director skills, expertise, competencies and attributes desirable in Company's business and sector in which it functions

	Areas of Skills / Expertise / Competence						
	Leadership	Strategy	Operations	Technology	Finance	Governance	Government/Regulatory Affairs
N. Chandrasekaran	Y	Y	Y	Y	Y	Y	Y
Noel Naval Tata	Y	Y	Y	Y	Y	Y	Y
O. P. Bhatt	Y	Y	Y	-	Y	Y	Y
Deepak Kapoor	Y	Y	Y	-	Y	Y	Y
Farida Khambata	Y	Y	Y	Y	Y	Y	Y
Bharti Gupta Ramola	Y	Y	Y	-	Y	Y	Y
V. K. Sharma	Y	Y	Y	-	Y	Y	Y
Saurabh Agrawal	Y	Y	-	-	Y	Y	Y
T. V. Narendran	Y	Y	Y	Y	Y	Y	Y
Koushik Chatterjee	Y	Y	Y	-	Y	Y	Y

Familiarisation Programme for Directors (including Independent Directors)

As a practice, all new Directors (including Independent Directors) inducted to the Board are given a formal orientation. The familiarisation programme for our Directors is customised to suit their individual interests and area of expertise. The Directors are usually encouraged to visit the plant and raw material locations of the Company and interact with members of Senior Management as part of the induction programme. The Senior Management make presentations giving an overview of the Company's strategy, operations, products, markets, group structure and subsidiaries, Board constitution and guidelines, matters reserved for the Board and the major risks and risk management strategy. This enables the Directors to get a deep understanding of the Company, its people, values and culture and facilitates their active participation in overseeing the performance of the Management.

As stated in the Board's Report, the details of orientation given to our existing Independent Directors are available on our website at <https://www.tatasteel.com/media/12333/familiarisation-program.pdf>

Board Evaluation

The NRC has formulated a Policy for the Board, its Committees and Directors and the same has been approved and adopted by the Board. The details of Board Evaluation forms part of the Board's Report.

Remuneration Policy for Board and Senior Management

The Board has approved the Remuneration Policy for Directors, Key Managerial Personnel ('KMP') and all other employees of the Company. The same is available on our website at <https://www.tatasteel.com/media/6817/remuneration-policy-of-directors-etc.pdf> Details of remuneration for Directors in FY2022-23 are provided in Table C.

Table C: Shares held and cash compensation paid to Directors for the year ended March 31, 2023

							(Rs. lakh)
Name	Fixed Salary			Commission(1)	Sitting Fees	Total Compensation	Ordinary (Equity) Shares held (Nos.)
	Basic	Perquisite/ Allowance	Total Fixed Salary				
Non-Executive, Non-Independent Directors							
Mr. N. Chandrasekaran(2)	—	—	—	—	3.60	3.60	20,00,000
Mr. Noel Naval Tata(3)	—	—	—	150.00	4.00	154.00	1,43,700
Mr. Saurabh Agrawal (4)	—	—	—	—	6.80	6.80	—
Independent Directors							
Ms. Mallika Srinivasan(5)	—	—	—	40.00	0.80	40.80	—
Mr. O. P. Bhatt(6)	—	—	—	240.00	8.00	248.00	—
Mr. Deepak Kapoor(7)	—	—	—	150.00	6.10	156.10	—
Ms. Farida Khambata	—	—	—	120.00	6.40	126.40	8,00,000
Ms. Bharti Gupta Ramola(8)	—	—	—	50.00	2.80	52.80	—
Mr. David W. Crane(9)	—	—	—	50.00	2.40	52.40	—
Mr. V. K. Sharma	—	—	—	120.00	4.50	124.50	—

Executive Directors							
Mr. T. V. Narendran	184.80	331.71	516.51	1,350.00	—	1,866.51	21,710
Mr. Koushik Chatterjee	164.84	306.34	471.18	950.00	—	1,421.18	16,360

Notes:

(1) Commission relates to the financial year ended March 31, 2023, which was approved by the Board on May 2, 2023 and will be paid during FY2023-24.

(2) As a policy, Mr. N. Chandrasekaran, Chairman has abstained from receiving commission from the Company.

(3) Sitting fees include an amount of Rs.40,000 paid in FY2023-24.

(4) In line with the internal guidelines of the Company, no commission is paid to the Non-Executive Directors of the Company, who are in full time employment with any other Tata Company. Accordingly, no commission has been paid to Mr. Saurabh Agrawal.

(5) Ms. Mallika Srinivasan completed her second term as an Independent Director of the Board and ceased as an Independent Director and Member of the Board effective May 20, 2022.

(6) Mr. O. P. Bhatt serves as an Independent Director of Tata Steel Europe ('TSE'). Towards this, he additionally receives an annual fee of £70,000 from TSE. The fee paid is consistent with the market practices and is aligned to the benchmark figures published by global consulting firms.

(7) Mr. Deepak Kapoor serves as an Independent Director and as the Chairman of the Board of Tata Steel Minerals Canada ('TSMC'). Towards this, he additionally receives an annual Board fee of CAD 16,000 from TSMC.

(8) Ms. Bharti Gupta Ramola was appointed as an Independent Director of the Company for a term of 5 (Five) years commencing November 25, 2022 through November 24, 2027. She attended all the three (3) board meetings held during FY2022-23, post her appointment.

(9) Mr. David W. Crane stepped down as an Independent Director and Member of the Board effective September 5, 2022.

(10) None of the Executive Directors is eligible for payment of any severance fees and the contracts with Executive Directors may be terminated by either party giving six months' notice to the other party or the Company paying six months' remuneration in lieu thereof.

(11) The Company does not have any stock options plan. Accordingly, none of our Directors hold stock options as on March 31, 2023.

(12) The Company has not issued any convertible instruments. Accordingly, none of our Directors hold any convertible instruments as on March 31, 2023.

Board Meetings

Scheduling and selection of agenda items for Board Meetings

Tentative dates for Board Meetings in the ensuing financial year are decided in advance and communicated to the Members of the Board. The information, as required under Regulation 17(7) read with Schedule II Part A of the SEBI Listing Regulations, is made available to the Board.

The Board meets at least once a quarter to review the quarterly financial results and other agenda items. Additional meetings are held when necessary. Committees of the Board usually meet the day before or on the day of the formal Board meeting, or whenever the need arises for transacting business. The recommendations of the Committees are placed before the Board for necessary approvals. All committee recommendations placed before the Board during the year under review were unanimously accepted by the Board.

7 (seven) meetings of the Board were held during the financial year ended March 31, 2023. These were held on May 3, 2022, July 25, 2022, September 22, 2022, October 31, 2022, December 16, 2022, February 6, 2023 and March 27, 2023. The gap between any two Board meetings during the year under review did not exceed one hundred and twenty days. The requisite quorum was present for all the meetings.

Table D: Attendance details of Directors for the year ended March 31, 2023 are given below:

Name of the Director	Category	No. of Meetings held during tenure	No. of Meetings Attended
Mr. N. Chandrasekaran (Chairman)	NED	7	7
Mr. Noel Naval Tata (Vice – Chairman)	NED	7	7
Mr. Saurabh Agrawal	NED	7	7
Ms. Mallika Srinivasan(1)	ID	1	1
Mr. O. P. Bhatt	ID	7	7
Mr. Deepak Kapoor	ID	7	6
Ms. Farida Khambata	ID	7	6
Mr. David W. Crane(2)	ID	2	2
Mr. V. K. Sharma	ID	7	6
Ms. Bharti Gupta Ramola(3)	ID	3	3
Mr. T. V. Narendran	ED	7	7
Mr. Koushik Chatterjee	ED	7	7

Notes:

(1) Ms. Mallika Srinivasan completed her second term as an Independent Director of the Board and ceased as an Independent Director and Member of the Board effective May 20, 2022.

(2) Mr. David W. Crane stepped down as an Independent Director and Member of the Board effective September 5, 2022.

(3) Ms. Bharti Gupta Ramola was appointed as an Independent Director of the Company, for a term of 5 (Five) years commencing November 25, 2022 through November 24, 2027.

All the Directors [as on the date of the Annual General Meeting ('AGM')] were present at the AGM of the Company held on Tuesday, June 28, 2022.

All the Board Meetings held during in FY2022-23 were held physically, except the meetings held on May 3, 2022, September 22, 2022, October 31, 2022 and March 27, 2023.

Meeting of the Independent Directors

Pursuant to Schedule IV of the Act, the Independent Directors of the Company met on September 22, 2022, February 6, 2023 and March 27, 2023 without the presence of Non-Independent Directors and Members of the Management of the Company. The meetings of Independent Directors were chaired by Mr. O. P. Bhatt, Independent Director and Chairperson of the Nomination and Remuneration Committee.

At the meeting held on March 27, 2023, the Independent Directors, inter alia, evaluated the performance of the Non-Independent Directors and the Board of Directors as a whole, evaluated the performance of the Chairman of the Board taking into account the views of Executive and Non-Executive Directors. They also discussed the aspects relating to the quality, quantity and timeliness of the flow of information between the Company, the Management and the Board.

Board Committees

Audit Committee

The primary objective of the Audit Committee is to monitor and provide an effective supervision of the Management's financial reporting process, to ensure accurate and timely disclosures, with the highest levels of transparency, integrity and quality of financial reporting. The Committee oversees the work carried out in the financial reporting process by the Management, the internal auditor, the statutory auditor and the cost auditor and notes the processes and safeguards employed by each of them. The Committee further reviews the processes and controls including compliance with laws, Tata Code of Conduct and Insider Trading Code, Whistle Blower Policies and related cases thereto. The Committee also reviews matters under the Prevention of Sexual Harassment at Workplace Policy.

The Board of Directors of the Company adopted the Audit Committee Charter (which includes terms of reference as provided under the Act and SEBI Listing Regulations) on March 31, 2015 which was subsequently revised on February 4, 2016, March 2, 2017, February 8, 2019 and November 11, 2021.

The Company Secretary and Chief Legal Officer (Corporate & Compliance) acts as the Secretary to the Committee. The internal auditor reports functionally to the Audit Committee. The Executive Directors and Senior Management of the Company also attend the meetings as invitees.

7 (Seven) meetings of the Audit Committee were held during the financial year ended March 31, 2023. These meetings were held on May 3, 2022, July 25, 2022, September 22, 2022, October 31, 2022, January 14, 2023, February 6, 2023 and March 29, 2023. The requisite quorum was present for all the meetings. All decisions at the Audit Committee meetings were taken unanimously.

Table E: The composition of the Audit Committee and the attendance details of the Members for the financial year ended March 31, 2023 are given below:

Name of the Director	Category	No. of meetings held during tenure	No. of meetings attended
Mr. Deepak Kapoor (Chairperson)(1)	ID	7	6
Mr. O. P. Bhatt (Chairperson)(2)	ID	7	7
Ms. Farida Khambata	ID	7	6
Mr. David W. Crane(3)	ID	2	2
Ms. Bharti Gupta Ramola(4)	ID	3	3
Mr. Saurabh Agrawal	NED	7	6

Notes:

(1) Mr. Deepak Kapoor was appointed as a member of the Audit Committee effective April 25, 2019 and as Chairperson of the Audit Committee effective May 21, 2022.

(2) Mr. O. P. Bhatt stepped down as Chairperson of the Audit Committee effective May 21, 2022.

(3) Mr. David W. Crane stepped down as an Independent Director and Member of the Board effective September 5, 2022.

(4) Ms. Bharti Gupta Ramola was appointed as an Independent Director of the Company, for a term of 5 (Five) years commencing November 25, 2022 through November 24, 2027. She was also appointed as a member of the Audit Committee effective November 25, 2022.

Mr. Deepak Kapoor, Chairperson of the Audit Committee, was present at the Annual General Meeting of the Company held on Tuesday, June 28, 2022.

Nomination and Remuneration Committee

The purpose of the Nomination and Remuneration Committee ('NRC') is to oversee the Company's nomination process including succession planning for the senior management and the Board and specifically to assist the Board in identifying, screening and reviewing individuals qualified to serve as Executive Directors, Non-Executive Directors and determine the role and capabilities required for Independent Directors consistent with the criteria as stated by the Board in its Policy on Appointment and Removal of Directors. The NRC and the Board periodically reviews the succession planning process of the Company and is satisfied that the Company has adequate process for orderly succession of Board Members and Members of the Senior Management.

The Board has adopted the NRC Charter (which includes terms of reference as provided under the Act and SEBI Listing Regulations) for the functioning of the NRC on May 20, 2015 which was subsequently revised on March 29, 2019 and March 28, 2022, basis the amendments in SEBI Listing Regulations.

The NRC also assists the Board in discharging its responsibilities relating to compensation of the Company's Executive Directors and Senior Management. The NRC has formulated Remuneration Policy for Directors, KMPs and all other employees of the Company and the same is available on Company's website at <https://www.tatasteel.com/media/6817/remuneration-policy-of-directors-etc.pdf> The criteria for making payments to Non-Executive Directors is also available on our website at <https://www.tatasteel.com/media/3931/criteria-of-making-payments-to-neds.pdf> The NRC has the overall responsibility of approving and evaluating the compensation plans, policies and programmes for Executive Directors, Key Managerial Personnel (KMP) and the Senior Management. The NRC reviews and recommends to the Board for its approval, the base salary, incentives/commission, other benefits, compensation or arrangements and executive employment agreements for the Executive Directors.

2 (Two) meetings of the NRC were held during the financial year ended March 31, 2023. These meetings were held on May 3, 2022 and March 27, 2023. The requisite quorum was present for both the meetings.

Table F : The composition of the NRC and the attendance details of the Members for the financial year ended March 31, 2023 are given below:

Names of Members	Category	No. of meetings held during tenure	No. of meetings attended
Mr. O. P. Bhatt (Chairperson)(1)	ID	2	2
Ms. Mallika Srinivasan (Chairperson)(2)	ID	1	1
Mr. N. Chandrasekaran	NED	2	2
Mr. V. K. Sharma (3)	ID	1	1

Notes:

(1) Mr. O. P. Bhatt was appointed as a member of the NRC effective August 13, 2013 and as Chairperson of the NRC effective May 21, 2022.

(2) Ms. Mallika Srinivasan completed her second term as an Independent Director of the Board and ceased as an Independent Director and Member of the Board effective May 20, 2022.

(3) Mr. V. K. Sharma was appointed as a member of the NRC effective May 21, 2022.

Mr. O. P. Bhatt, Chairperson of the NRC was present at the Annual General Meeting of the Company held on Tuesday, June 28, 2022.

Corporate Social Responsibility and Sustainability Committee

The purpose of our Corporate Social Responsibility and Sustainability ('CSR&S') Committee is to formulate and recommend to the Board, a Corporate Social Responsibility Policy, which shall indicate the initiatives to be undertaken by the Company, recommend the amount of expenditure the Company should incur on Corporate Social Responsibility ('CSR') activities and to monitor from time to time, the CSR activities and Policy of the Company. The CSR&S Committee provides guidance in formulation of CSR strategy and its implementation and also reviews practices and principles to foster sustainable growth of the Company by creating values consistent with long-term preservation and enhancement of financial, manufacturing, natural, social, intellectual and human capital.

The Board has approved a Charter for the functioning of the CSR&S Committee on March 31, 2015, which was last revised on November 11, 2021.

The CSR policy is available on our website at <https://www.tatasteel.com/media/11804/tata-steel-csr-policy-latest-2019.pdf>

4 (Four) meetings of the CSR&S Committee were held during the financial year ended March 31, 2023. These meetings were held on May 2, 2022, July 25, 2022, October 28, 2022 and February 3, 2023. The requisite quorum was present for all the meetings.

Table G : The composition of the CSR&S Committee and the attendance details of the Members for the financial year ended March 31, 2023 are given below:

Names of Members	Category	No. of meetings held during tenure	No. of meetings attended
Mr. Deepak Kapoor (Chairperson)	ID	4	3
Mr. O. P. Bhatt	ID	4	4
Mr. T. V. Narendran	ED	4	4
Mr. Koushik Chatterjee	ED	4	3

Mr. Deepak Kapoor, Chairperson of CSR&S Committee was present at the Annual General Meeting of the Company held on Tuesday, June 28, 2022.

Risk Management Committee

The Company has constituted a Risk Management Committee ('RMC') for framing, implementing and monitoring the risk management policy of the Company. The RMC assists the Board in fulfilling its oversight responsibility with respect to Enterprise Risk Management ('ERM').

The terms of reference of the RMC are:

- Overseeing key risks, including strategic, financial, operational, sectoral, sustainability (particularly ESG related risks), IT (including cyber security) and compliance risks;
- Developing risk management policy and risk management system/framework for the Company;
- Assisting the Board in framing, implementing and monitoring the risk management plan for the Company and reviewing and guiding the Risk Policy.

The Board has adopted a Charter (which includes terms of reference as provided under the SEBI Listing Regulations) for RMC on May 20, 2015, which was subsequently revised on August 12, 2021.

4 (Four) meetings of RMC were held during the financial year ended March 31, 2023. These meetings were held on May 3, 2022, July 25, 2022, October 31, 2022 and February 6, 2023. The requisite quorum was present for all the meetings.

Table H : The composition of the RMC and the attendance details of the Members for the financial year ended March 31, 2023 are given below:

Names of Members	Category	No. of meetings held during tenure	No. of meetings attended
Ms. Farida Khambata (Chairperson)	ID	4	4
Mr. Saurabh Agrawal	NED	4	4
Mr. T. V. Narendran	ED	4	4
Mr. Koushik Chatterjee	ED	4	4
Dr. Henrik Adam	MoM	4	4
Ms. Samita Shah	MoM	4	4

MoM – Member of Management

Ms. Farida Khambata, Chairperson of RMC was present at the Annual General Meeting of the Company held on Tuesday, June 28, 2022.

Stakeholders' Relationship Committee

The Stakeholders' Relationship Committee ('SRC') considers and resolves the grievances of our shareholders, debenture holders and other security holders, including complaints relating to non-receipt of annual report, transfer and transmission of securities, non-receipt of dividends/interests, issue of new/duplicate certificates, general meetings and such other grievances as may be raised by the security holders of the Company, from time to time.

The SRC also reviews:

- a) The measures taken for effective exercise of voting rights by the shareholders;
- b) The service standards adopted by the Company in respect of the services rendered by our Registrar & Transfer Agent;
- c) The measures rendered and initiatives taken for reducing the quantum of unclaimed dividends and ensuring timely receipt of dividend/annual report/notices and other information by shareholders.

The Board has adopted a Charter (which includes terms of reference as provided under the Act and SEBI Listing Regulations) for the functioning of the SRC on April 11, 2014 which was subsequently revised on February 8, 2019.

1 (One) meeting of the SRC was held during the financial year ended March 31, 2023. This meeting was held on February 3, 2023. The requisite quorum was present at the meeting.

Table I: The composition of the SRC and the attendance details of the Members for the financial year ended March 31, 2023 are given below:

Names of Members	Category	No. of Meetings held during tenure	No. of Meetings attended
Mr. V. K. Sharma (Chairperson)	ID	1	1
Mr. Deepak Kapoor	ID	1	1
Mr. T. V. Narendran	ED	1	1
Mr. Koushik Chatterjee	ED	1	1

Mr. V. K. Sharma, Chairperson of the SRC was present at the Annual General Meeting of the Company held on Tuesday, June 28, 2022.

In terms of Regulation 6 and Schedule V of the SEBI Listing Regulations, the Board has appointed Mr. Parvatheesam Kanchinadham, Company Secretary & Chief Legal Officer (Corporate & Compliance) as the Compliance Officer of the Company.

The details of investor complaints received and resolved during the financial year ended March 31, 2023 are given in Table J below. The complaints relate to non-receipt of annual report, dividend, share transfers and other investor grievances.

Table J : Details of investor complaints received and resolved during the financial year ended March 31, 2023:

Opening as on April 1, 2022	1
Received during the year	355
Resolved during the year	352
Closing as on March 31, 2023	4

Safety, Health and Environment Committee

The Safety, Health and Environment Committee ('SH&E Committee') of the Board oversees the policies relating to Safety, Health and Environment and their implementation across TSG.

The Board has approved a Charter for the functioning of the SH&E Committee on October 27, 2009.

4 (Four) meetings of the Committee were held during the financial year ended March 31, 2023. These meetings were held on May 2, 2022, July 25, 2022, October 28, 2022 and February 4, 2023. The requisite quorum was present for all the meetings.

Table K: The composition of the SH&E Committee and the attendance details of the Members for the financial year ended March 31, 2023 are given below:

Names of Members	Category	No. of meetings held during tenure	No. of meetings attended
Mr. Noel Naval Tata (Chairperson) (1)	NED	3	3
Ms. Mallika Srinivasan(2)	ID	1	-
Mr. David W. Crane(3)	ID	2	2
Mr. V. K. Sharma	ID	4	4
Ms. Bharti Gupta Ramola(4)	ID	1	1
Mr. T. V. Narendran	ED	4	4
Dr. Henrik Adam	MoM	4	4

MoM - Member of Management

Notes:

(1) Mr. Noel Naval Tata was appointed as the Member and Chairman of the SH&E Committee effective May 3, 2022.

(2) Ms. Mallika Srinivasan completed her second term as an Independent Director of the Board and ceased as an Independent Director and Member of the Board effective May 20, 2022.

(3) Mr. David W. Crane stepped down as an Independent Director and Member of the Board effective September 5, 2022.

(4) Ms. Bharti Gupta Ramola was appointed as an Independent Director of the Company, for a term of 5 (Five) years commencing November 25, 2022 through November 24, 2027. She was appointed as a member of the SH&E Committee effective November 25, 2022.

Mr. Noel Naval Tata, Chairperson of SH&E Committee was present at the Annual General Meeting of the Company held on Tuesday, June 28, 2022.

General Information for Shareholders

General Body Meetings

Table L: Location and time, where last three Annual General Meetings were held:

Financial Year Ended	Date	Time	Venue	Special Resolution Passed
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March 31, 2022	June 28, 2022	3:00 p.m. (IST)	The Meetings were held through two-way video-conferencing	1. Alteration of Memorandum of Association of the Company.
		3:00 p.m. (IST)	The Meetings were held through two-way video-conferencing	2. Alteration of Articles of Association of the Company.
		3:00 p.m. (IST)	The Meetings were held through two-way video-conferencing	3. Change in place of keeping Registers and Records.
March 31, 2021	June 30, 2021			-
March 31, 2020	August 20, 2020			-

No Extraordinary General Meeting of the Members was held during FY2022-23.

Postal Ballot:

During FY2022-23, the Company sought the approval of the shareholders by way of postal ballot, the details of which are given below:

1. Postal Ballot vide notice dated May 3, 2022, on the following Resolution(s):

SN	Type of Resolution	Description of the Resolution(s)
1.	Ordinary Resolution	Material Related Party Transaction(s) with The Tinplate Company of India Limited – Operational Transaction(s)
2.	Ordinary Resolution	Material Related Party Transaction(s) with The Tinplate Company of India Limited – Financial Transaction(s)
3.	Ordinary Resolution	Material Related Party Transaction(s) with Tata Steel Long Products Limited
4.	Ordinary Resolution	Material Related Party Transaction(s) with Tata BlueScope Steel Private Limited
5.	Ordinary Resolution	Material Related Party Transaction(s) with Jamshedpur Continuous Annealing & Processing Company Private Ltd.
6.	Ordinary Resolution	Material Related Party Transaction(s) with TM International Logistics Limited
7.	Ordinary Resolution	Material Related Party Transaction(s) with Tata Metaliks Limited
8.	Ordinary Resolution	Material Related Party Transaction(s) between T S Global Procurement Company Pte. Ltd., wholly-owned subsidiary of Tata Steel Limited and Tata Steel Long Products Limited, subsidiary company of Tata Steel Limited
9.	Ordinary Resolution	Material Related Party Transaction(s) between T S Global Procurement Company Pte. Ltd., wholly-owned subsidiary of Tata Steel Limited and Tata NYK Shipping Pte. Ltd., JV Company of Tata Steel Limited
10.	Ordinary Resolution	Material Related Party Transaction(s) between Tata Steel IJmuiden BV, wholly-owned subsidiary of Tata Steel Limited and Wupperman Staal Nederland BV, an associate company of Tata Steel Limited
11.	Ordinary Resolution	Appointment of Mr. Noel Naval Tata (DIN: 00024713) as a Director
12.	Special Resolution	Appointment of Mr. Vijay Kumar Sharma (DIN: 02449088) as an Independent Director

The voting period for remote e-voting commenced on Thursday, May 12, 2022 at 9.00 a.m. (IST) and ended on Friday, June 10, 2022 at 5.00 p.m.

(IST). The consolidated report on the result of the postal ballot through remote e-voting for approving the aforementioned resolutions was provided by the Scrutiniser on Friday, June 10, 2022.

The details of e-voting on the aforementioned resolution(s) are provided hereunder:

	Votes in favour of the Resolution(s)			Votes against the Resolution(s)			Invalid Votes	
Description of the Resolution	Number of Members voted	Number of valid Votes cast (shares)	% of total number of valid votes cast	Number of Members voted	Number of valid Votes cast (shares)	% of total Number of valid votes cast	Total number of members whose votes were declared invalid	Total number of invalid votes cast (shares)
Material Related Party Transaction(s) with The Tinsplate Company of India Limited – Operational Transaction(s)	9,263	50,38,14,697	100.00	216	20,178	0	3	28,37,997
Material Related Party Transaction(s) with The Tinsplate Company of India Limited – Financial Transaction(s)	9,209	50,38,10,803	100.00	233	20,078	0	3	28,37,997
Material Related Party Transaction(s) with Tata Steel Long Products Limited	9,254	50,38,10,015	100.00	187	17,925	0	3	28,37,997
Material Related Party Transaction(s) with Tata BlueScope Steel Private Limited	9,212	50,38,06,674	100.00	219	20,277	0	3	28,37,997
Material Related Party Transaction(s) with Jamshedpur Continuous Annealing & Processing Company Private Ltd.	9,208	50,38,06,529	100.00	219	20,056	0	3	28,37,997
Material Related Party Transaction(s) with TM International Logistics Limited	9,198	50,38,05,368	100.00	224	21,042	0	3	28,37,997
Material Related Party								

Transaction(s) with Tata Metaliks Limited	9,228	50,38,07,088	100.00	201	18,999	0	3	28,37,997
Material Related Party Transaction(s) between T S Global Procurement Company Pte. Ltd., wholly-owned subsidiary of Tata Steel Limited and Tata Steel Long Products Limited, subsidiary company of Tata Steel Limited	9,222	50,38,05,359	100.00	205	19,539	0	3	28,37,997
Material Related Party Transaction(s) between T S Global Procurement Company Pte. Ltd., wholly-owned subsidiary of Tata Steel Limited and Tata NYK Shipping Pte. Ltd., JV Company of Tata Steel Limited	9,210	50,38,06,278	100.00	209	19,434	0	3	28,37,997
Material Related Party Transaction(s) between Tata Steel IJmuiden BV, wholly-owned subsidiary of Tata Steel Limited and Wupperman Staal Nederland BV, an associate company of Tata Steel Limited	9,206	50,38,06,386	100.00	211	19,513	0	3	28,37,997
Appointment of Mr. Noel Naval Tata (DIN: 00024713) as a Director	8,784	78,19,56,949	85.26	675	13,51,57,942	14.74	NIL	NIL
Appointment of Mr. Vijay Kumar Sharma (DIN: 02449088) as an Independent Director	8,995	81,37,93,869	96.49	418	2,96,22,454	3.51	NIL	NIL

The Resolution(s) were passed with requisite majority.

2. Postal Ballot vide notice dated July 25, 2022, on the following Ordinary Resolution(s):

SN	Description of the Resolution(s)
1.	Omnibus Material Related Party Transaction(s) with Neelachal Ispat Nigam Limited – Operational Transaction(s)

2.	One time Material Related Party Transaction(s) with Neelachal Ispat Nigam Limited – Financial Transaction(s)
3.	Omnibus Material Related Party Transaction(s) between T S Global Procurement Company Pte. Ltd., an indirect wholly-owned subsidiary of Tata Steel Limited and Neelachal Ispat Nigam Limited, an indirect subsidiary of Tata Steel Limited
4.	Omnibus Material Related Party Transaction(s) between Tata Steel Limited and Tata Metaliks Limited – Financial Transaction

The voting period for remote e-voting commenced on Tuesday, August 16, 2022 at 9.00 a.m. (IST) and ended on Wednesday, September 14, 2022 at 5.00 p.m. (IST). The consolidated report on the result of the postal ballot through remote e-voting for approving the aforementioned resolutions was provided by the Scrutiniser on Wednesday, September 14, 2022.

The details of e-voting on the aforementioned Ordinary Resolution(s) are provided hereunder:

	Votes in favour of the Resolution(s)			Votes against the Resolution(s)			Invalid Votes	
Description of the Resolution	Number of Members voted	Number of valid Votes cast (shares)	% of total number of valid votes cast	Number of Members voted	Number of valid Votes cast (shares)	% of total Number of valid votes cast	Total number of members whose votes were declared invalid	Total number of invalid votes cast (shares)
Omnibus Material Related Party Transaction(s) with Neelachal Ispat Nigam Limited – Operational Transaction(s)	17,754	463,39,87,965	99.99	464	5,34,794	0.01	1	8,210
One time Material Related Party Transaction(s) with Neelachal Ispat Nigam Limited – Financial Transaction(s)	17,672	463,39,67,895	99.99	501	5,15,506	0.01	1	8,210
Omnibus Material Related Party Transaction(s) between T S Global Procurement Company Pte. Ltd., an indirect wholly-owned subsidiary of Tata Steel Limited and Neelachal Ispat Nigam Limited, an indirect subsidiary of Tata Steel Limited	17,679	463,39,32,427	99.99	491	5,54,368	0.01	1	8,210
Omnibus Material Related Party Transaction(s) between Tata Steel Limited and Tata Metaliks Limited – Financial Transaction	17,742	463,39,42,879	99.99	445	5,61,416	0.01	1	8,210

The Ordinary Resolution(s) were passed with requisite majority.

3. Postal Ballot vide notice dated December 16, 2022, on the following Resolution(s):

SN	Type of Resolution	Description of the Resolution(s)
1.	Ordinary Resolution	Re-appointment of Mr. Koushik Chatterjee (DIN: 00004989) as Whole-time Director designated as Executive Director and Chief Financial Officer and payment of remuneration
2.	Special Resolution	Appointment of Ms. Bharti Gupta Ramola (DIN: 00356188) as an Independent Director
3.	Ordinary Resolution	Material modification in approved Related Party Transaction(s) with Neelachal Ispat Nigam Limited, a subsidiary company of Tata Steel Limited

The voting period for both remote e-voting as well as voting through physical postal ballot commenced on Monday, January 2, 2023 at 9.00 a.m. (IST) and ended on Tuesday, January 31, 2023 at 5.00 p.m. (IST). The consolidated report on the result of the postal ballot for approving the aforementioned resolutions was provided by the Scrutiniser on February 2, 2023.

The details of voting on the aforementioned Resolution(s) are provided hereunder:

	Votes in favour of the Resolution(s)			Votes against the Resolution(s)		
Description of the Resolution	Number of Members voted	Number of valid Votes cast (shares)	% of total number of valid votes cast	Number of Members voted	Number of valid Votes cast (shares)	% of total Number of valid votes cast
Re-Appointment of Mr. Koushik Chatterjee (DIN: 00004989) as Whole-time Director designated as Executive Director and Chief Financial Officer and payment of remuneration	11,346	864,74,79,759	98.65	435	11,84,01,311	1.35
Appointment of Ms. Bharti Gupta Ramola (DIN: 00356188) as an Independent Director	11,275	875,94,59,792	99.93	429	63,06,778	0.07
Material modification in approved Related Party Transaction(s) with Neelachal Ispat Nigam Limited, a subsidiary company of Tata Steel Limited	11,358	463,34,68,921	99.99	319	3,25,900	0.01
				Invalid Votes		
Description of the Resolution				Total number of members whose votes were declared invalid	Total number of invalid votes cast (shares)	
Re-Appointment of Mr. Koushik Chatterjee (DIN: 00004989) as Whole-time Director designated as Executive Director and Chief Financial Officer and payment of remuneration				52	1,34,977	
Appointment of Ms. Bharti Gupta Ramola (DIN: 00356188) as an Independent Director				52	1,34,977	
Material modification in approved Related Party Transaction(s) with Neelachal Ispat Nigam Limited, a subsidiary company of Tata Steel Limited				55	6,12,18,147	

The Resolution(s) were passed with requisite majority.

In respect of all the above Postal Ballots conducted by the Company during FY2022-23, the Board of Directors had appointed Mr. P. N. Parikh (Membership No. FCS 327, CP No. 1228) or failing him, Ms. Jigyasa N. Ved (Membership No. FCS 6488, CP No. 6018) or failing her, Mr. Mitesh Dhabliwala (Membership No. FCS 8331, CP No. 9511) of Parikh & Associates, Practising Company Secretaries, as the Scrutiniser to

scrutinise the postal ballot process, in a fair and transparent manner.

Procedure for Postal Ballot:

All the aforesaid Postal Ballots were conducted by the Company as per the provisions of Sections 108 and 110 and other applicable provisions of the Act, read with the Rules framed thereunder and General Circular Nos. 14/2020 dated April 8, 2020, 17/2020 dated April 13, 2020, 22/2020 dated June 15, 2020, 33/2020 dated September 28, 2020, 39/2020 dated December 31, 2020, 10/2021 dated June 23, 2021, 20/2021 dated December 8, 2021, and 3/2022 dated May 5, 2022 issued by the Ministry of Corporate Affairs. Additionally, a physical copy of the Postal Ballot Notice dated December 16, 2022 along with Postal Ballot Form and pre-paid self-addressed Business Reply Envelope were sent by the Company to its shareholders, whose e-mail addresses were not registered with the Company/RTA/Depositories.

Details of special resolution proposed to be conducted through postal ballot:

None of the businesses proposed to be transacted at the ensuing Annual General Meeting, scheduled to be held on July 5, 2023 ('AGM'), requires passing of a Special Resolution through Postal Ballot.

Table M: Annual General Meeting 2023:

Day & Date	Wednesday, July 5, 2023
Time	3:00 p.m. IST
Venue	The Ministry of Corporate Affairs ('MCA') has vide its General Circular No. 14/2020 dated April 8, 2020, General Circular No. 17/2020 dated April 13, 2020, General Circular No. 20/2020 dated May 5, 2020, and subsequent circulars issued in this regard, the latest being 10/2022 dated December 28, 2022 (collectively referred to as 'MCA Circulars') permitted the holding of the Annual General Meeting through video-conferencing/other audio-visual means ('VC/OAVM'), without the physical presence of the Members at a common venue. In compliance with the provisions of the Act and MCA Circulars, the AGM of the Company is being held through VC/OAVM. The deemed venue of the AGM shall be Bombay House, 24, Homi Mody Street, Fort, Mumbai – 400 001.
Financial Year	April 1 to March 31
Book Closure Dates	Friday, June 23, 2023 to Wednesday, July 5, 2023 (both days inclusive)
Dividend Payment Date	On and from Monday, July 10, 2023 (subject to approval of the shareholders at the AGM)

Communication to the Shareholders

The Company sends quarterly, half-yearly, and yearly financial results to the Shareholders electronically. Key financial data is published in The Indian Express, Financial Express, Nav Shakti, Free Press Journal and Loksatta. The financial results along with the earnings releases are also posted on the Company's website at <https://www.tatasteel.com/investors/financial-performance/financial-results/>

Earnings calls on financials/quarterly results are held with analysts and investors and their transcripts are published on the website. Such presentations made to analysts and others are also made available on the Company's website at <https://www.tatasteel.com/investors/financial-performance/analyst-presentations/>

All disclosures as required under the SEBI Listing Regulations are made to respective Stock Exchanges where the securities of the Company are listed. The same are also available on the Company's website at <https://www.tatasteel.com/investors/stock-exchange-compliances/stock-exchange-releases/>

The Company's website is a comprehensive reference on its leadership, management, vision, mission, policies, corporate governance, sustainability, investor relations, products and processes and updates and news. The section on 'Investors' serves to inform the shareholders, by giving complete financial details, stock exchange compliances including shareholding patterns and updated credit ratings amongst others,

corporate benefits, information relating to Stock Exchanges, details of Registrars & Transfer Agent and Frequently Asked Questions. Investors can also submit their queries by submitting 'Shareholder Query Form' and get feedback online. The section on 'Media' includes all major press reports and releases, awards and campaigns by the Company, amongst others.

Investor grievance and share transfer system

The Company has a Board-level Stakeholders' Relationship Committee to examine and redress investors' complaints. The status on complaints and share transfers are reported to the entire Board.

Securities of the listed companies can be transferred only in dematerialised form w.e.f. April 1, 2019. Further, SEBI vide its Circular No. SEBI/HO/MIRSD/MIRSD_RTAMB/P/CIR/2022/8 dated January 25, 2022, mandated all listed companies to issue securities in dematerialised form only, while processing the service request of issue of duplicate securities certificate, claim from Unclaimed Suspense Account, renewal/exchange of securities certificate, endorsement, sub-division/splitting of securities certificate, consolidation of securities certificates/ folios, transmission and transposition.

In view of the same and to eliminate all risks associated with physical shares and avail various benefits of dematerialisation, Members are advised to dematerialise the shares held by them in physical form. Members can contact the Company or RTA, for assistance in this regard.

Also, share transactions in electronic form can be effected in a much simpler and faster manner. After a confirmation of a sale/ purchase transaction from the broker, shareholders should approach the Depository Participant ('DP') with a request to debit or credit the account for the transaction. The DP will immediately arrange to complete the transaction by updating the account.

Shareholders should communicate with TSR Consultants Private Limited (formerly known as TSR Darashaw Consultants Private Limited), the Company's Registrars and Transfer Agent ('RTA') quoting their folio number or Depository Participant ID ('DP ID') and Client ID number, for any queries to their securities.

Shareholders are advised to refer the latest SEBI guidelines/ circular issued for all the holder holding securities in listed companies in physical form from time to time and keep their KYC details updated at all times, to avoid freezing their folio as prescribed by SEBI.

Details of non-compliance

The Company has complied with the requirements of the Stock Exchanges, SEBI and other statutory authorities on all matters relating to capital markets during the last three years and no penalties and/or strictures have been imposed on the Company in this regard. There has been no instance of non-compliance with any legal requirements, particularly with any requirements of the Corporate Governance Report, during the year under review.

Details of utilisation of funds

During the year under review, the Company did not raise any funds through preferential allotment or qualified institutions placement as specified under Regulation 32(7A) of the SEBI Listing Regulations.

However, during the year under review, the Company has issued Non-Convertible Debentures (NCDs) on private placement basis, which are listed on the debt market segment of BSE Limited. The Company affirms that there has been no deviation or variation in utilisation of proceeds of the listed NCDs of the Company Forfeiture of Partly paid-up shares

On account of the first and final call made on the partly paid-up Ordinary Shares of the Company, the said securities listed on the National Stock Exchange of India Limited and BSE Limited under symbol TATASTLPP and Scrip Code 891044, respectively, stand suspended from trading with effect from February 17, 2021.

During the year under review, the Company, on February 8, 2023 issued one more reminder-cum-forfeiture notice to the holders of partly paid-up equity shares on which the first and final call money was unpaid. The Company has converted 3,16,580 partly paid-up shares of face value of Rs.1/- each into fully paid-up shares during FY2022-23.

Further, the Board of Directors, at their meeting held on March 27, 2023 considered and approved the forfeiture of 19,16,300 partly paid-up equity shares of face value Rs.1/- each (prior to sub-division 1,91,630 partly paid-up equity shares of face value of Rs.10/- each and paid-up Rs.2.504 per share) on which the first and final call money was not paid.

Certificates from Practising Company Secretaries

As required by Regulation 34(3) and Schedule V, Part E of the SEBI Listing Regulations, the certificate given by Parikh & Associates (Firm Registration No. P1988MH009800), Practising Company Secretaries, regarding compliance of conditions of the Company of corporate governance, is annexed to the Board's Report.

As required by Clause 10(i) of Part C under Schedule V of the SEBI Listing Regulations, the Company has received a certificate from Parikh & Associates (Firm Registration No. P1988MH009800), Practising Company Secretaries, certifying that none of our Directors have been debarred or disqualified from being appointed or continuing as Directors of the Company by SEBI or MCA or such other statutory authority.

CEO and CFO certification

As required by Regulation 17(8) read with Schedule II Part B of the SEBI Listing Regulations, the Chief Executive Officer & Managing Director and Executive Director & Chief Financial Officer have given appropriate certifications to the Board of Directors of the Company.

Annual Certificate on Security Transfer

In terms of Regulation 40(9) and 61(4) of the SEBI Listing Regulations, certificates, have been issued by a Company Secretary in Practice, on annual basis, with respect to due compliance of share and security transfer formalities by the Company.

Reconciliation of Share Capital Audit

The Company Secretary in Practice carried out a Reconciliation of Share Capital Audit to reconcile the total admitted capital with National Securities Depository Limited ('NSDL') and Central Depository Services (India) Limited ('CDSL') (collectively 'Depositories') and the total issued and listed capital of the Company. The audit confirms that the total paid-up capital of the Company is in agreement with the aggregate of the total number of shares in physical form and in dematerialised form (held with the Depositories).

The Audit Report is disseminated to the Stock Exchanges on a quarterly basis and is also available on our website at <https://www.tatasteel.com/investors/stock-exchange-compliances/reconciliation-of-share-capital-audit-reports/>

Related Party Transactions

All transactions entered into with the related parties as defined under the Act and Regulation 23 of the SEBI Listing Regulations, each as amended, during the year under review, were on an arm's length price basis and in the ordinary course of business. These have been approved by the Audit Committee and shareholders of the Company, where required, in terms of provisions of the SEBI Listing Regulations. Certain transactions which were repetitive in nature were approved through omnibus route by the Audit Committee. The Company has not entered into any materially significant related party transaction that have potential conflict with the interest of the Company at large. The Policy on Related Party Transactions as approved by the Board of Directors from time to time is uploaded on the Company's website at <https://www.tatasteel.com/corporate/our-organisation/policies/>

Material Pecuniary Relationship

During FY2022-23, the Company did not have any material pecuniary relationship or transactions with the Non-Executive Directors of the Company, apart from paying Director's remuneration. Further, the Directors have not entered into any contracts with the Company or its subsidiaries, which give rise to the in material conflict with the interest of the Company.

The Board has received disclosures from KMP and Members of Senior Management relating to material, financial and commercial transactions where they and/or their relatives have personal interest.

Policy for Determining Material Subsidiaries

The Company has formulated a Policy for Determining Material Subsidiaries and the same is available on the Company's website at <https://www.tatasteel.com/media/5890/policy-on-determining-material-subsidaries.pdf>

The Company is in compliance with the provisions governing material subsidiaries.

Details of material subsidiaries of the Company, including the date and place of incorporation and the name and date of appointment of the statutory auditors of such subsidiaries are as under:

SN	Subsidiaries whose total income / net worth exceeds 10% of the Group's total income/ net worth	Name of statutory auditors	Date of appointment of statutory auditors	Date of Incorporation	Place of Incorporation
1	Tata Steel Europe Limited	PricewaterhouseCoopers LLP	March 14, 2018	October 5, 2006	England
2	Tata Steel IJmuiden BV	PriceWaterhouseCoopers Accountants NV	October 5, 2017	June 28, 1972	The Netherlands
3	Tata Steel Nederland BV	PriceWaterhouseCoopers Accountants NV	October 5, 2017	September 20, 1918	The Netherlands
4	Tata Steel Netherlands Holdings B.V.	PriceWaterhouseCoopers Accountants NV	October 5, 2017	September 4, 2006	The Netherlands
5	Tata Steel UK Holdings Limited	PricewaterhouseCoopers LLP	March 14, 2018	July 26, 2006	England
6	Tata Steel UK Limited	PricewaterhouseCoopers LLP	March 14, 2018	July 26, 1988	England
7	Tulip UK Holdings (No.2) Limited	PricewaterhouseCoopers LLP	March 14, 2018	September 16, 2006	England
8	Tulip UK Holdings (No.3) Limited	PricewaterhouseCoopers LLP	March 14, 2018	September 14, 2006	England
9	T Steel Holdings Pte. Ltd.	PricewaterhouseCoopers LLP	January 11, 2018	July 5, 2006	Singapore
10	T S Global Holdings Pte Ltd.	PricewaterhouseCoopers LLP	January 11, 2018	July 4, 2008	Singapore
11	T S Global Procurement Company Pte. Ltd.	PricewaterhouseCoopers LLP	January 11, 2018	April 23, 2010	Singapore

Vigil Mechanism

The Vigil Mechanism approved by the Board provides a formal mechanism for all Directors, employees and vendors of the Company to approach the Chairman of the Audit Committee of the Company and make protective disclosures regarding the unethical behaviour, actual or suspected fraud or violation of the Company's Code of Conduct. Under the Policy, in addition, Directors, employees, and vendors, may approach the Chief Ethics Counsellor to make any such protected disclosure. During the year under review, no person has been denied access to the Chairman of the Audit Committee. Details of the Vigil Mechanism are given in the Board's Report.

The Whistle Blower Policy for Directors and Employees is available on the Company's website at <https://www.tatasteel.com/corporate/our-organisation/policies/>

Disclosures as per the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013:

The disclosure regarding the complaints of sexual harassment are given in the Board's Report.

Consolidated Fees paid to Statutory Auditors

During the FY2022-23, the total fees for all services paid by the Company and its subsidiaries, on a consolidated basis, to Price Waterhouse & Co

Chartered Accountants LLP, Statutory Auditors of the Company is as under:

Table N: Consolidated fees paid to statutory auditors:

	(Rs crore)
Particulars	Amount
As auditors (Statutory Audit)	48.00
For taxation matters	1.85
For other services	4.34
Out-of-pocket expenses	0.31
Total	54.49

Dematerialisation of shares and liquidity

The Company's Ordinary Shares are tradable compulsorily in electronic form. We have established connectivity with both the Depositories, i.e., NSDL and CDSL. The International Securities Identification Number ('ISIN') allotted to the Ordinary (Equity) Shares under the Depository System is INE081A01020 post sub-division of 1 equity share of the Company having a face value of Rs.10/- each, into 10 equity shares having face value of Re.1/- each.

The Board of Directors of the Company at its meeting held on February 9, 2021 approved making of the First and Final Call of Rs.461/- (comprising Rs.7.496 towards face value and Rs.453.504 towards securities premium) per partly paid-up equity share ('First and Final Call'), in respect of 7,76,36,788 outstanding partly paid-up equity shares of face value Rs.10/- each, issued by the Company, on a rights basis, pursuant to the Letter of Offer dated January 22, 2018. The Record Date for the purpose of determining the holders of partly paid-up equity shares was set as February 19, 2021. The partly paid-up equity shares were suspended from trading w.e.f. February 17, 2021.

The Company, pursuant to the First and Final Call, has converted the following Partly paid-up equity shares to Fully paid-up equity shares of the Company on which the first and final call money was received:

SN	Date of conversion	Number of Partly paid-up equity shares converted
1	March 24, 2021	7,02,49,241
2	April 23, 2021	73,888
3	May 15, 2021	56,02,985
4	August 1, 2021	5,55,768
5	October 30, 2021	7,49,654
6	December 27, 2021	1,22,938
7	March 14, 2022	59,026
8	March 18, 2023	31,658*

*31,658 shares of Rs10/- each have been converted into 3,16,580 shares of Rs1/- each upon sub-division of shares of the Company.

The outstanding partly paid-up equity shares of the Company post conversion stood at 19,16,300 Fully paid-up Ordinary Shares of Rs1/- each. Subsequently, the Board of Directors, at their meeting held on March 27, 2023 considered and approved the forfeiture of 19,16,300 partly paid-up equity shares of face value Rs1/- each (prior to sub-division 1,91,630 partly paid-up equity shares of face value of Rs10/- each and paid-up Rs2.504 per share) on which the first and final call money was not paid.

As on March 31, 2023, the Company has 1210,63,39,970 Ordinary (equity) Shares representing 99.06% of the Company's share capital which is in dematerialised form.

Further, outstanding GDR Shares 8,79,53,750 (March 31, 2022: 96,95,642 shares of face value of Rs10/- each) of face value Rs1/- per share represent the shares underlying GDRs which were loose text, its too cramped Ordinary (equity) Share.

Designated e-mail address for investor services

To serve the investors better and as required under Regulation 46(2)(j) of the SEBI Listing Regulations, the designated e-mail address for investor complaints is cosec@tatasteel.com The e-mail address for grievance redressal is monitored by the Company's Compliance Officer.

Investor Awareness

As part of good governance we have provided subscription facilities to our investors for alerts regarding press release, results, webcasts, analyst meets and presentations amongst others. We also provide our investors facility to write queries regarding their rights and shareholdings and have provided details of persons to be contacted for this purpose. We encourage investors to visit our website for reading the documents and for availing the above facilities at www.tatasteel.com

Legal proceedings in respect of title of shares

There are certain pending cases related to disputes over title to shares in which the Company has been made a party. However, these cases are not material in nature.

Suspense Escrow Demat Account

In terms of SEBI Circular dated December 12, 2020, the Company has transferred 3,480 Ordinary (equity) shares to 'Suspense Escrow Demat Account' on account of non-receipt of demat request from the investor within 90 days of issuance of the Letter of Confirmation by Registrar and Share Transfer Agent ('RTA') for transfer of shares request.

Further, in terms of SEBI Circular dated January 25, 2022, the Company has transferred 13,560 Ordinary (equity) shares to 'Suspense Escrow Demat Account' on account of non-receipt of demat request from the investor within 120 days of issuance of the Letter of Confirmation by RTA for transmission / name deletion request.

Details of shares transferred to the 'Suspense Escrow Demat Account' are as under:

SN	Particulars	Details of shares transferred pursuant to SEBI Circular dated December 12, 2020		Details of shares transferred pursuant to SEBI Circular dated January 25, 2022	
		Number of shareholders	Number of shares	Number of shareholders	Number of shares
(a)	Aggregate number of shareholders and the outstanding shares lying in the suspense account at the beginning of the year	NIL	NIL	NIL	NIL
(b)	Number of shareholders who approached listed entity for transfer of shares from suspense account during the year	NIL	NIL	NIL	NIL
(c)	Number of shareholders to whom shares were transferred from suspense account during the year	NIL	NIL	NIL	NIL
(d)	Aggregate number of shareholders and the outstanding shares lying in the suspense account at the end of the year	2	3,480	10	13,560

Voting rights on these shares shall remain frozen till the rightful owner of such shares claims the shares.

Commodity price risk

Coal, iron ore and other bulk commodities serve as an integral part of the steel manufacturing process with their sourcing concentrated in specific geographies. These commodities have complex, global supply chains and multiple factors such as geopolitical landscape, continued Russia – Ukraine conflict, exchange rate movements, energy crisis, supply-demand imbalance, policy interventions by Governments in key sourcing/consuming countries (especially China) serve as critical determinants of commodity market behavior. These factors coupled with changes in market dynamics cause volatility in prices of raw materials that has a bearing on the input costs of steelmaking. The changes in prices of commodities are balanced through adjustments in steel prices over a period which in effect acts as a natural hedge to the business.

The Company meets 100% of its iron ore requirements in India, through its captive iron ore mines and about one-fifth of its coking coal requirements from its coal mines. These captive mines provide a structural hedge to the price risk of these commodities.

The Company has a dedicated commodity sourcing team which engages with key raw material producers across the globe and the commodity market at large to optimise sourcing. The team proactively undertakes the assessment of risks of single geography and proprietary sourcing. They also periodically conduct risk assessment for key vendors to check their capability in meeting the supply requirements. Several mitigations have been put in place for diversified sourcing with focus on indigenisation as one of the major levers to de-risk the supply chain for both direct and indirect commodities which are dependent on imports. Coal sourcing is being diversified and long-term tie-ups with coal suppliers in Australia is likely to keep prices competitive with an improved reliability. Price forecasting tools are being used for commodities like Coal, Zinc, Aluminium, etc. to understand price movements and to time the buy for optimising costs. Tools like reverse auctions are being used for efficient price discovery for commodities like coal, ferro alloys, refractories, etc. The dynamic value-in-use (VIU) mapping with imported coal pricing is undertaken for advance planning and value maximisation.

Sustainable procurement policy is being deployed to engage with suppliers/service providers to take initiatives in the areas of 'Reduce, Recycle, and Reuse' and foster responsible supply chain policy.

FY2022-23 has been a year of significant volatility in commodity prices (including energy) particularly post the Russia-Ukraine war. Slowdown in global growth is likely to impact steel demand and prices though the projected recovery in China (post COVID) is expected to mitigate some of the impact. The team continuously revisits the risks through analysis of multiple risk scenarios to arrive at focused mitigation plans.

To address the short-term price volatility, the Company also hedges certain commodities in the derivatives market. Exposure of the Company to commodity and commodity risks faced by the Company throughout the year is given as below:

1. Total exposure of the listed entity to commodities (including commodities based on materiality): Rs45,627 crore.

2. Exposure to the listed entity to various commodities (based on materiality):

Commodity Name	Exposure in INR towards the particular commodity (crore)	Exposure in Quantity terms towards the particular commodity (Tonnes)	% of such exposure hedged through commodity derivatives				
			Domestic Market		International Market		
			OTC	Exchange	OTC	Exchange	Total
Coal	35,371	1,42,83,000	Nil	Nil	Nil	Nil	Nil
Pellet	3,014	30,77,000	Nil	Nil	Nil	Nil	Nil
Refractory	1,381	1,52,000	Nil	Nil	Nil	Nil	Nil

Compliance with discretionary requirements

All mandatory requirements of the SEBI Listing Regulations have been complied with by the Company. The status of compliance with the discretionary requirements, as stated under Part E of Schedule II to the SEBI Listing Regulations are as under:

Maintenance of Chairman's office: The Non-Executive Chairman has a separate office which is not maintained by the Company.

Shareholder Rights: The half-yearly financial performance of the Company is sent to all the Members whose e-mail IDs are registered with the Company/Depositories. The results are also available on the Company's website at <https://www.tatasteel.com/investors/financial-performance/financial-results/>

Modified opinion(s) in Audit Report: The Auditors have expressed an unmodified opinion in their report on the financial statements of the Company.

Separate posts of Chairperson and the Managing Director or the Chief Executive Officer: The Company has separate posts of Chairperson and the Managing Director & Chief Executive Officer.

Reporting of Internal Auditor: The Internal Auditor functionally reports to the Audit Committee.

Table O: Distribution of Shareholding of Ordinary Shares

Share Holding	Total No. of Shareholders as on March 31,		% to Total Shareholders as on March 31,		*Total No. of Shares as on March 31,		% to Total Capital as on March 31,	
	2023	2022	2023	2022	2023	2022	2023	2022
1	1,93,225	1,31,573	5.12	7.96	1,93,225	1,31,573	0.00	0.01
2-10	6,47,406	5,23,177	17.16	31.64	42,79,109	30,38,897	0.04	0.25
11-50	8,23,626	5,03,902	21.83	30.48	2,55,99,799	1,35,66,185	0.21	1.11
51-100	5,42,760	1,77,762	14.39	10.75	4,64,71,340	1,38,17,248	0.38	1.13
101-200	4,29,197	1,40,752	11.38	8.51	6,79,48,206	2,06,84,876	0.56	1.69
201-500	4,87,398	1,04,574	12.92	6.32	17,00,79,289	3,28,60,392	1.39	2.69
501-1,000	2,65,729	37,299	7.05	2.26	20,65,11,937	2,66,70,666	1.69	2.18
1,001-5,000	3,02,713	28,987	8.03	1.75	65,31,17,001	5,75,22,231	5.34	4.71
5,001-10,000	42,826	2,851	1.14	0.17	30,57,58,899	1,97,44,784	2.50	1.62
10,001-1,00,000	34,351	2,019	0.91	0.12	82,18,02,600	5,38,04,304	6.72	4.41
1,00,001 and above	2,566	584	0.07	0.04	991,97,75,595	97,94,62,524	81.17	80.20
Total	37,71,797	16,53,480	100.00	100.00	1222,15,37,000	122,13,03,680	100.00	100.00

*The Members of the Company, at the Annual General Meeting held on June 28, 2022, had approved sub-division of 1 Ordinary (equity) Share of face value Rs10/- each into 10 Ordinary (equity) Shares of face value Rs1/- each. The sub-division was applicable on those Members holding equity shares of the Company as on the Record Date of July 29, 2022. Further, the Board of Directors, at their meeting held on March 27, 2023 considered and approved the forfeiture of 19,16,300 partly paid-up equity shares of face value Rs1/- each (prior to sub-division 1,91,630 partly paid-up equity shares of face value of Rs10/- each and paid-up Rs2.504 per share) on which the first and final call money was not paid.

Transfer of Unclaimed Dividend and Shares to Investor Education and Protection Fund (IEPF)

Pursuant to the provisions of the Act, read with Investor Education Protection Fund Authority (Accounting, Audit, Transfer and Refund) Rules, 2016, as amended ('Rules'), the dividends, unclaimed for a period of seven years from the date of transfer to the Unpaid Dividend Account of the Company are liable to be transferred to the IEPF. Accordingly, unclaimed dividends of Shareholders for FY2015-16 lying in the unclaimed

dividend account of the Company as on September 16, 2023 will be due for transfer to IEPF on the due date i.e., September 17, 2023. Further, the

shares (excluding the disputed cases having specific orders of the Court, Tribunal or any Statutory Authority restraining such transfer) pertaining to which dividend remains unclaimed for a consecutive period of seven years from the date of transfer of the dividend to the Unpaid Dividend Account is also mandatorily required to be transferred to the IEPF Authority established by the Central Government.

The details of unclaimed dividends and shares transferred to IEPF within statutory timelines during FY2022-23 are as follows:

Financial Year	Amount of Unclaimed Dividend Transferred (Rs)	Number of Shares Transferred
2014-15	6,93,56,856	34,52,492

Further, 4,87,85,760 Ordinary (equity) Shares of Rs.1/- each aggregating Rs4,87,85,760 were transferred to IEPF pursuant to sub-division of shares during FY2022-23.

The Company had sent individual communication to the concerned shareholders at their registered address, whose dividend remained unclaimed and whose shares were liable to be transferred to the IEPF by September 16, 2022.

The communication was also published in national English and local Marathi newspapers.

Any person whose unclaimed dividend and shares pertaining thereto, matured deposits, matured debentures, application money due for refund, or interest thereon, sale proceeds of fractional shares, redemption proceeds of preference shares, amongst others has been transferred to the IEPF Fund can claim their due amount from the IEPF Authority by making an electronic application in web-form IEPF-5.

Upon submitting a duly completed form, shareholders are required to take print of the same and send physical copy duly signed along with requisite documents as specified in the form to the attention of the Nodal Officer, at the Registered Office of the Company. The instructions for the web-form can be downloaded from our website at www.tatasteel.com under 'unclaimed dividend' tab in 'investor' section and simultaneously from the website of Ministry of Corporate Affairs at www.iepf.gov.in

Table P : The status of dividend remaining unclaimed is given hereunder:

Unclaimed Dividend	Status	Whether it can be claimed	Can be claimed from	Action to be taken
Up to and including the financial year 1994-95	Transferred to the General Revenue Account of the Central Government	Yes	Office of Registrar of Companies, Central Government Office Building, 'A' Wing, 2nd Floor, Next to Reserve Bank of India, CBD, Belapur - 400 614.	Claim to be forwarded in prescribed Form No. II of the Companies Unpaid Dividend (Transfer to General Revenue Account of the Central Government) Rules, 1978
For the financial years 1995-1996 to 2011-12	Transferred to the IEPF of the Central Government	Yes	Submit web-form IEPF-5 to the Registered Office of the Company addressed to the Nodal Officer along with complete documents.	IEPF Authority to pay the claim amount to the Shareholder based on the verification report submitted by the Company and the documents submitted by the investor.
For the financial years 2015-2016 to 2021-22	Amount lying in respective Unpaid Dividend Accounts	Yes	TSR Consultants Private Limited (formerly TSR Darashaw Consultants Private Limited), Registrars and Transfer Agent	Letter on plain paper

The Company has hosted on its website the details of the unclaimed dividend/unclaimed shares/interest/ principal amounts for the FY2022-23 as per the Notification No. G S R 352 (E) dated May 10, 2012 of Ministry of Corporate Affairs (as per Section 124 of the Act, as amended).

Table Q: Details of date of declaration of dividend & due date for transfer to IEPF

Year	Dividend per Fully paid-up Ordinary (equity) Share	Dividend per Partly paid-up Ordinary (equity) Share	Date of Declaration	Due date for Transfer to IEPF
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2015-16	8	-	August 12, 2016	September 17, 2023
2016-17	10	-	August 08, 2017	September 09, 2024
2017-18	10	2.504	July 20, 2018	August 22, 2025
2018-19	13	3.25	July 19, 2019	August 22, 2026
2019-20	10	2.504	August 20, 2020	September 24, 2027
2020-21	25	6.25	June 30, 2021	August 02, 2028
2021-22	51	12.75	June 28, 2022	August 02, 2029

Shareholders are requested to contact the RTA for encashing the unclaimed dividend/interest/principal amount, if any, standing to the credit of their account.

Nomination Facility

Shareholders whose shares are in physical form and wish to make/change a nomination in respect of their shares in the Company, as permitted under Section 72 of the Act, may submit to RTA the prescribed Forms SH-13/SH-14. Further, shareholders who want to opt out of the nomination, may submit Form ISR-3, after cancelling his existing nomination, if any, through Form SH-14. The Nomination Form can be downloaded from the Company's website at www.tatasteel.com under the section 'Investors'.

Shares held in Electronic Form

Shareholders holding shares in electronic form may please note that instructions regarding change of address, bank details, e-mail IDs, nomination and power of attorney should be given directly to the DP.

Shares held in Physical Form

Shareholders holding shares in physical form may please note that instructions regarding change of address, bank details, e-mails IDs, nomination and power of attorney should be given to the Company's RTA i.e., TSR Consultants Private Limited in prescribed Form No. ISR-1 or other applicable form.

Updation of bank details for remittance of dividend/cash benefits in electronic form

SEBI vide its Circular No. CIR/MRD/DP/10/2013 dated March 21, 2013 ('Circular'), which is applicable to all listed companies, mandated to update bank details of their shareholders holding shares in demat mode and/or physical form, to enable usage of the electronic mode of remittance i.e., National Automated Clearing House ('NACH') for distributing dividends and other cash benefits to the shareholders.

The Circular further states that in cases where either the bank details such as Magnetic Ink Character Recognition ('MICR') and Indian Financial System Code ('IFSC'), amongst others, that are required for making electronic payment are not available or the electronic payment instructions have failed or have been rejected by the bank, companies or their Registrars and Transfer Agents may use physical payment instruments for making cash payments to the investors. Companies shall mandatorily print the bank account details of the investors on such payment instruments.

Regulation 12 of the SEBI Listing Regulations, allows the Company to pay dividend by cheque or 'payable at par' warrants where payment by electronic mode is not possible. Shareholders to note that payment of dividend and other cash benefits through electronic mode has many advantages like prompt credit, elimination of fraudulent encashment/delay in transit amongst others. They are requested to opt for any of the above-mentioned electronic modes of payment of dividend and other cash benefits and update their bank details:

- In case of holdings in dematerialised form, by contacting their DP and giving suitable instructions to update the bank details in their demat account.

• In case of holdings in physical form, by informing the Company's RTA i.e., TSR Consultants Private Limited (formerly TSR Darashaw Consultants Private Limited), through a signed request letter with details such as their Folio No(s), Name and Branch of the Bank in which they wish to receive the dividend, the Bank Account type, Bank Account Number allotted by their banks after implementation of Core Banking Solutions ('CBS') the 9-digit MICR Code Number and the 11-digit IFSC Code. This letter should be supported by cancelled cheque bearing the name of the first shareholder.

Shareholders to note that those who are unable to receive the dividend directly in their bank accounts through Electronic Clearing Service or any other electronic means, due to non-registration of the Electronic Bank Mandate, the Company shall dispatch the dividend warrant/Bankers' cheque/demand draft to such Members.

Listing on Stock Exchanges

As on March 31, 2023, the Company has issued Fully paid-up Ordinary Shares which are listed on BSE Limited and National Stock Exchange of India Limited in India. The annual listing fees has been paid to the respective stock exchanges.

Table R : ISIN and Stock Code details for Ordinary (equity) Shares

Stock Exchanges	ISIN	Stock Code
BSE Limited ('BSE') Phiroze Jeejeebhoy Towers, Dalal Street, Mumbai - 400 001, Maharashtra, India	INE081A01020	500470
National Stock Exchange of India Limited ('NSE') Exchange Plaza, 5th Floor, Plot No. C/1, G Block, Bandra-Kurla Complex, Mumbai - 400 051, Maharashtra, India	INE081A01020	TATASTEEL

Table S : International listings of securities issued by the Company are as under:

Global Depository Receipts ('GDRs') as on March 31, 2023:

GDRs	1994	2009
ISIN	US87656Y1091	US87656Y4061
Listed on	Luxembourg Stock Exchange	London Stock Exchange

Table T: Unsecured Redeemable Non-Convertible Debentures ('NCDs') as on March 31, 2023, are listed on the Wholesale Debt Market segment of the Stock Exchanges as under:

						(Amount in Rs crore)
Coupon Rate (%)	ISIN	Principal Amount	Maturity		Credit Ratings	Name of the Stock Exchange on which the NCDs are listed
			Amount	Date		
8.15	INE081A08215	1,000.00	1,000.00	Oct 01, 2026	AA+ by CARE# , AA+ by India Ratings## and AA+ by Brickwork^	BSE
9.8359	INE081A08223	4,315.00	1,078.75	Feb 28, 2031	AA+ CARE# and AA+ India Ratings##	BSE
9.8359	INE081A08223	4,315.00	1,078.75	Mar 01, 2032	AA+ CARE# and AA+ India Ratings##	BSE
9.8359	INE081A08223	4,315.00	1,078.75	Mar 01, 2033	AA+ CARE# and AA+ India Ratings##	BSE

9.8359	INE081A08223	4,315.00	1,078.75	Mar 01, 2034	AA+ CARE# and AA+ India Ratings##	BSE
7.70	INE081A08231	670.00	670.00	Mar 13, 2025	AA+ CARE# and AA+ India Ratings##	BSE
7.85	INE081A08249	1,025.00	1,025.00	Apr 17, 2023	AA+ CARE# and AA+ India Ratings##	BSE
7.85	INE081A08256	510.00	510.00	Apr 21, 2023	AA+ CARE# and AA+ India Ratings##	BSE
Floating Rate\$	INE081A08264	1,000.00	1,000.00	Apr 27, 2023	AA+ CARE# and AA+ India Ratings##	BSE
Floating Rate&	INE081A08280 (Series A)	500.00	500.00	Apr 28, 2023	AA+ CARE# and AA+ India Ratings##	BSE
7.95	INE081A08272 (Series B)	500.00	500.00	Oct 30, 2023	AA+ CARE# and AA+ India Ratings##	BSE
8.25	INE081A08298	1,000.00	1,000.00	May 19, 2023	AA+ CARE# and AA+ India Ratings##	BSE
Floating Rate**	INE081A08306	400.00	400.00	Jun 02, 2023	AA+ CARE# and AA+ India Ratings##	BSE
7.50	INE081A08314	500.00	500.00	Sep 20, 2027	AA+ CARE# and AA+ India Ratings##	BSE
7.76	INE081A08322	1,500.00	1,500.00	Sep 20, 2032	AA+ CARE# and AA+ India Ratings##	BSE
8.03	INE081A08330	2,150.00	2,150.00	Feb 25, 2028	AA+ CARE# and AA+ India Ratings##	BSE

Notes:

^ Brickworks vide release dated September 22, 2022, have reaffirmed rating of 'AA+' with Stable Outlook of Unsecured NCDs of Tata Steel Limited.

CARE Ratings Limited vide release dated February 16, 2023, reaffirmed rating of 'AA+' with Stable Outlook of Unsecured NCDs of Tata Steel Limited.

India Ratings vide release dated February 13, 2023, reaffirmed rating of 'AA+' with Positive Outlook of Unsecured NCDs of Tata Steel Limited.

\$ Coupon Rate on the Floating Rate Debentures is the sum of the prevailing Repo Rate fixed by the Reserve Bank of India on each Monthly Reset Date and the applicable Spread of 3.30% per annum, payable annually at the end of every year from the Date of Allotment.

& Coupon Rate on the Floating Rate Debentures is the sum of the prevailing Repo Rate fixed by the Reserve Bank of India on each Monthly Reset Date and the applicable spread of 3.45% per annum, payable annually at the end of every year from the Date of Allotment.

** Coupon Rate on the Floating Rate Debentures is the sum of the prevailing Repo Rate fixed by the Reserve Bank of India on each Monthly Reset Date and the applicable spread of 4.08% per annum, payable annually at the end of every year from the Date of Allotment.

Credit Rating

Details on credit rating for all debt instruments issued by the Company are provided in Table T above. Further details on credit rating are provided in the Board's Report. The above details are also available on our website at www.tatasteel.com

Loans and Advances in which Directors are interested

The Company has not provided any loans and advances to any firms/companies in which Directors are interested.

Market Information

Table U: Market Price Data - High, Low (based on daily closing price) and volume (no. of shares traded) during each month in FY2022-23 of Fully Paid-up Ordinary Shares, on BSE Limited and National Stock Exchange of India Limited:

Month	High (Rs.)	BSE Limited	Volume	National Stock Exchange of India Limited		
		Low (Rs.)	(No. of shares traded)	High (Rs.)	Low (Rs.)	Volume (No. of shares traded)
April 2022	1,371.10	1,220.60	74,43,475	1,370.75	1,220.35	11,88,14,611
May 2022	1,295.10	999.20	1,28,05,311	1,295.20	999.10	21,34,45,777
June 2022	1,086.75	837.95	1,06,54,123	1,086.75	838.10	19,67,88,554
July 2022	960.90	100.35	3,03,05,327	960.70	100.35	46,46,67,533
August 2022	113.00	104.85	10,31,71,954	113.00	104.85	134,29,98,394
September 2022	109.10	95.25	11,20,90,055	109.15	95.20	144,48,89,552
October 2022	104.20	98.30	7,20,49,560	104.20	98.35	73,27,61,912
November 2022	108.65	101.20	7,12,12,696	108.55	101.20	92,75,49,504
December 2022	115.80	102.20	7,33,05,258	115.85	102.25	103,32,18,889
January 2023	123.50	115.60	6,07,23,080	123.55	115.65	111,77,97,658
February 2023	122.05	103.95	6,22,93,118	122.05	103.95	97,12,15,680
March 2023	108.65	102.15	4,58,28,674	108.65	102.10	102,03,02,409
Yearly	1,371.10	95.25	66,18,82,631	1,370.75	95.20	958,44,50,473

The Company's shares are regularly traded on BSE Limited and National Stock Exchange of India Limited, as is seen from the volume of shares indicated in the Table containing Market Information.

Table V: Performance of the share price of the Company in comparison to broad-based indices such as BSE SENSEX and NIFTY 50 are given below:

Month	Closing Price of Equity Shares at BSE (Rs.)	BSE SENSEX	Closing Price of Equity Shares at NSE (Rs.)	Nifty 50
April 2022	1,271.70	57,060.87	1,271.05	17,102.55
May 2022	1,055.55	55,566.41	1,055.65	16,584.55
June 2022	866.95	53,018.94	867.05	15,780.25
July 2022	107.65	57,570.25	107.60	17,158.25
August 2022	108.30	59,537.07	108.30	17,759.30
September 2022	99.30	57,426.92	99.30	17,094.35
October 2022	101.55	60,746.59	101.55	18,012.20
November 2022	107.70	63,099.65	107.65	18,758.35
December 2022	112.65	60,840.74	112.65	18,105.30
January 2023	119.65	59,549.90	119.70	17,662.15
February 2023	103.95	58,962.12	103.95	17,303.95
March 2023	104.50	58,991.52	104.50	17,359.75

Secretarial Audit

The Board of Directors has appointed Parikh and Associates (Firm Registration No. P1988MH009800), Practising Company Secretaries, to conduct secretarial audit of the Company's records and documents for FY2022-23. The Secretarial Audit Report confirms that the Company has complied with all applicable provisions of the Act, Secretarial Standards, Depositories Act 2018, SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015, SEBI (Prohibition of Insider Trading) Regulations, 2015, each as amended and all other regulations and guidelines of SEBI as applicable to the Company. The Secretarial Audit Report forms part of the Board's Report.

Green Initiative

As a responsible corporate citizen, the Company welcomes and supports the 'Green Initiative' undertaken by the Ministry of Corporate Affairs, Government of India, enabling electronic delivery of documents including the Annual Report, quarterly and half-yearly results, amongst others, to Shareholders at their e-mail addresses previously registered with the DPs and RTAs.

Shareholders who have not registered their e-mail addresses so far are requested to do the same. Those holding shares in demat form can register their e-mail addresses with their concerned DPs. Shareholders who hold shares in physical form are requested to register their e-mail addresses with the RTA, by sending a letter, duly signed by the first/sole holder quoting details of Folio No.

Plant Locations:

Jharkhand:

Jamshedpur
P. O. Bistupur
Jamshedpur, Jharkhand – 831001

Tata Steel Growth Shop
Adityapur Industrial Estate P. O. Gamharia, Dist. Seraikela-Kharsawan, Jharkhand – 832108

Cold Rolling Mill Complex, Bara
P. O. Agrico, P.S. Sidhgora Block Jamshedpur, Dist. East Singhbhum, Jharkhand – 831009

Tata Steel Limited Tubes Division
P. O. Burmamines,
Jamshedpur, Jharkhand – 831 007

Odisha:

Kalinganagar
Kalinganagar Industrial Complex, Duburi, Dist. Jajpur, Odisha – 755026

Meramandali
At Narendrapur, P.O. Kusupanga,
Via Meramandali,
Dist. Dhenkanal, Odisha – 759121

Ferro Manganese Plant, Joda
Dist. Keonjhar, Odisha - 758034

Tata Steel Mining Limited:

Tata Steel Mining Ltd. Stainless Steel Plant

WBIIDC Road, P. O. Dwarika, P.S Bishnupur, Dist. Bankura, West Bengal, 722122

Tata Steel Mining Ltd. Ferro Alloys Plant
Kalinga Nagar Industrial Estate,
At Rabana, Via Danagadi, P. O. Manatira,
P. S Jakhapura, Dist. Jajpur,
Odisha – 755026

Tata Steel Mining Limited:

Bhubaneswar

Tata Steel Mining Limited,
Plot No. N3/24, IRC Village, Nayapalli Bhubaneswar, Odisha- Pin-751015 Landline Number - 0674 2551045

Athagarh
Ferro Alloy Plant Athagarh,
Tata Steel Mining Limited,
Anantapur, P. O. Dhurusia, Athagarh
Dist. Cuttack, Odisha - 754027

Sukinda
Sukinda Chromite Mine,
Tata Steel Mining Limited,
P. O. Kalarangiatta, Dist. Jajpur, Odisha - 755028

Saruabil
Saruabil Chromite Mine,
Tata Steel Mining Limited,
P. O. Kansa, Dist. Jajpur, Odisha - 755028

Kamarda
Kamarda Chromite Mine,
Tata Steel Mining Limited,
P. O. Kansa, Dist. Jajpur, Odisha - 755028

Gopalpur
Ferro Alloy Plant Gopalpur,
Tata Steel Mining Limited, Chamakhandi, Chatrapur Tehsil, Dist. Ganjam, Odisha - 761020

Jajpur
Jajpur Ferro Alloys Plant, Tata Steel Mining Limited, Kalinganagar Industrial Complex, Duburi, Jajpur Dist. Odisha - 755026

Bishnupur
Bishnupur Stainless-steel &
Ferro Alloys Plant,
Tata Steel Mining Limited,
Bishnupur Industrial Growth Centre
(WBIIDC Industrial Estate),
Dwarika, Bishnupur, Dist. Bankura, West
Bengal – 722122

Kolkata
Tata Steel Mining Limited,
12th Floor, Tata Centre, 43 Jawaharlal Nehru Road Road, Kolkata - 700071, West Bengal

NINL:

Neelachal Ispat Nigam Limited
Kalinga Nagar Industrial Complex, Duburi, Jajpur, Odisha - 755026

Ferro Alloys Plant, Bamnupal
P. O. Bamnupal, Dist. Keonjhar, Odisha – 758082

Ferro Alloys Plant, Gopalpur
P. O. Chamakhandi, Chatrapur Tahsil, Dist. Ganjam, Odisha – 761020

Ferro Alloys Plant, Balasore
Plot No. Z-1, IDCO IID Centre, Somnathpur Industrial Estate, Dist. Balasore, Odisha - 756019

Maharashtra:

Khopoli
Isamba Phata, Khopoli - Pen Road
At Nifan Savroli, Khalapur,
Dist. Raigad, Maharashtra – 410203

Cold Rolling Complex (West)
Plot No. S 76, Tarapur Industrial Area, P. Box 22, P. O. Tarapur Industrial Estate Dist. Palghar, Maharashtra – 401506

Wire Division, Tarapur
Plot F8 & A6, Tarapur MIDC,
P. O. Boisar, Dist. Palghar, Maharashtra – 401504

Madhya Pradesh:

Wire Division, Indore
Plot 14/15/16 & 32, Industrial Estate Laxmibai Nagar, Fort, Indore - 452006, Madhya Pradesh

Wire Division, Pithampur
Plot 158 & 158A, Sector III, Industrial Estate, Pithampur, Madhya Pradesh – 454774

Tamil Nadu:

Hosur
Plot No. 104/3, Sipcot Industrial Complex, Phase – 1 Hosur,
Dist. Krishnagiri,
Tamil Nadu – 635126

Uttar Pradesh:

Sahibabad
23, Site IV, Sahibabad Industrial Area, Ghaziabad,
Uttar Pradesh – 201010

West Bengal

Hooghly Met Coke Division
Patikhali, P. O. Haldia Oil Refinery Purba Medinipur Haldia,
West Bengal – 721606

Bearings Division
P. O. Rakha Jungle, Nimpura
Industrial Estate,
Kharagpur, West Bengal – 72130

Mining Locations: Iron Ore (OMQ):

Noamundi Iron Mine
P. O. Noamundi
Dist. West Singhbhum
Jharkhand - 833217

Joda East Iron Mine
P.O. Joda,
Dist. Keonjhar, Odisha - 758034

Katamati Iron Mine
P. O. Deojhar, Dist. Keonjhar, Odisha - 758038

Khondbond Iron Mine
P.O. Joda,
Dist. Keonjhar, Odisha - 758034

Manganese (FAMD):

Tiringpahar Iron & Manganese Mine
P.O. Bamebari, Joda, Dist. Keonjhar, Odisha – 758086

Joda West Iron & Manganese Mine
P.O. Bichakundi, Joda, Dist. Keonjhar, Odisha – 758034

Bamebari Iron & Manganese Mine
P.O. Bamebari, Joda, Dist. Keonjhar, Odisha - 758034

Collieries:

Jharia Division
Jamadoba, Dhanbad, Jharkhand – 828112

West Bokaro Division
Ghatotand, Dist. Ramgarh, Jharkhand - 825314

Investor Contact:

Registered Office:
Bombay House, 24, Homi Mody Street, Fort, Mumbai - 400 001.
Tel.: +91 22 6665 8282
E-mail: cosec@tatasteel.com
Website: www.tatasteel.com
CIN: L27100MH1907PLC000260

Name, designation & address of Compliance Officer:
Mr. Parvatheesam Kanchinadham, Company Secretary & Chief Legal Officer (Corporate & Compliance) Bombay House, 24, Homi Mody Street, Fort, Mumbai - 400 001.
Tel.: +91 22 6665 7279
E-mail: cosec@tatasteel.com

Name, designation & address of Investor Relations Officer:
Mr. Pavan Kumar,
Head - Group Investor Relation
Bombay House, 24, Homi Mody Street,
Fort, Mumbai - 400 001
Tel.: +91 22 6665 7292
E-mail: ir@tatasteel.com

Debenture Trustee:

IDBI Trusteeship Services Limited
Asian Building, Ground Floor,
17, R. Kamani Marg, Ballard Estate, Mumbai - 400 001.
Tel.: +91 22 4080 7000
Fax: +91 22 6631 1776
E-mail: itsl@idbitrustee.com Website: www.idbitrustee.com

Catalyst Trusteeship Ltd.
604, Windsor Building, Kalina,
Santacruz East, Mumbai - 400 098,
Maharashtra, India
Tel.: +91 22 4922 0555
Fax: +91 22 4922 0505
E-mail: dt.mumbai@ctltrustee.com
Website: www.catalysttrustee.com

Stock Exchanges:

BSE Limited
Phiroze Jeejeebhoy Towers,
Dalal Street, Mumbai - 400 001.

Tel.: +91 22 2272 1233
Fax: +91 22 2272 1919
Website: www.bseindia.com

National Stock Exchange of India Limited
Exchange Plaza, Plot No. C/1, G Block Bandra-Kurla Complex, Bandra (E), Mumbai - 400 051.
Tel.: +91 22 2659 8100
Fax: +91 22 2659 8120
Website: www.nseindia.com

Luxembourg Stock Exchange
35A Boulevard Joseph II L-1840 Luxembourg,
Tel.: +352 4779361
Fax: +352 473298 Website: www.bourse.lu

London Stock Exchange
10 Paternoster Square,
London - EC4M 7LS
Tel.: +44 20 7797 1000
Website: www.londonstockexchange.com

Depository Services:

National Securities Depository Limited
Trade World, A Wing, 4th & 5th Floors,
Kamala Mills Compound,
Lower Parel, Mumbai - 400 013.
Tel.: +91 22 2499 4200
Fax: +91 22 2497 6351
E-mail: info@nsdl.co.in
Investor Grievance: relations@nsdl.co.in
Website: www.nsdl.co.in

Central Depository Services (India) Limited
Marathon Futurex, A-Wing, 25th Floor,
NM Joshi Marg, Lower Parel (East),
Mumbai - 400 013.
Tel.: +91 22 2305 8640/8624/8639/8663
E-mail: helpdesk@cdslindia.com
Investor Grievance: complaints@cdslindia.com
Website: www.cdslindia.com

Registrars and Transfer Agents:

TSR Consultants Private Limited (Formerly known as TSR Darashaw Consultants Private Limited)
CIN: U74999MH2018PTC307859
Unit: Tata Steel Limited,
C-101, 1st Floor, 247 Park, Lal Bahadur
Shastri Marg, Vikhroli West, Mumbai,
Maharashtra - 400 083
Tel.: +91 810 811 8484
Fax: +91 22 6656 8494
Timings: Monday to Friday,
10 a.m. (IST) to 5 p.m. (IST)
E-mail: csg-unit@tcplindia.co.in
Website: www.tcplindia.co.in

For the convenience of investors based in the following cities, correspondence/ documents will also be accepted at the following branches/agencies of TSR Consultants Private Limited:

Bengaluru
 TSR Consultants Private Limited
 C/o. Mr. D. Nagendra Rao
 Vaghdevi” 543/A, 7th Main, 3rd Cross,
 Hanumanthnagar
 Bengaluru - 560 019
 Contact person: Mr. Shivanand M
 Tel.: +91 80 2650 9004
 Fax: +91 80 2558 0019
 E-mail: tcplbang@tcplindia.co.in

Kolkata
 TSR Consultants Private Limited C/o. Link Intime India Private Limited Vaishno Chamber, Flat No. 502 & 503, 5th Floor, 6, Brabourne Road,
 Kolkata - 700 001 Tel.: +91 33 4008 1986 E-mail: tcplcal@tcplindia.co.in

New Delhi
 TSR Consultants Private Limited
 C/o. Link Intime India Private Limited Noble Heights, 1st Flo or,
 Plot No. NH-2, C-1 Block, LSC,
 Near Savitri Market, Janakpuri,

New Delhi - 110 058.
 Tel.: +91 11 4941 1030
 E-mail: tcpldel@tcplindia.co.in

Jamshedpur
 TSR Consultants Private Limited Bungalow No. 1, E Road, Northern Town, Bistupur, Jamshedpur - 831 001.
 Tel.: +91 657 2426 937
 E-mail: tcpljsr@tcplindia.co.in

Ahmedabad
 TSR Consultants Private Limited
 C/o. Link Intime India Private Limited
 5th Floor, 506 to 508
 Amarnath Business Centre-1 (ABC-1),
 Beside Gala Business Centre,
 Nr. St. Xavier s College Corner,
 Off. C.G. Road, Ellisbridge
 Ahmedabad - 380 006
 Tel.: +91 79 2646 5179
 E-mail: csg-unit@tcplindia.co.in

Details of Corporate Policies

Particulars	Website Details/Links
Dividend Distribution Policy	https://www.tatasteel.com/media/6086/dividend-policy-final.pdf
Composition and Profile of the Board of Directors	https://www.tatasteel.com/corporate/our-organisation/leadership/
Terms and conditions of appointment of Independent Directors	https://www.tatasteel.com/media/2917/terms-and-conditions-of-appointment-of-independent-directors.pdf
Policy on Appointment and Removal of	https://www.tatasteel.com/media/6816/policy-on-appointment-and-removal-of-directors.pdf

Directors	
Familiarisation Programme for Independent Directors	https://www.tatasteel.com/media/12333/familiarisation-program.pdf
Remuneration Policy of Directors, KMPs & Other Employees	https://www.tatasteel.com/media/6817/remuneration-policy-of-directors-etc.pdf
Tata Code of Conduct	https://www.tatasteel.com/media/1864/tcoc.pdf
Criteria for Making Payments to Non-Executive Directors	https://www.tatasteel.com/media/3931/criteria-of-making-payments-to-neds.pdf
Corporate Social Responsibility Policy	https://www.tatasteel.com/media/11804/tata-steel-csr-policy-latest-2019.pdf
Code of Conduct for Non-Executive Directors	https://www.tatasteel.com/media/3930/tcoc-non-executive-directors.pdf
Policy on Related Party Transactions	https://www.tatasteel.com/media/5891/policy-on-related-party-transactions.pdf
Policy on Determining Material Subsidiaries	https://www.tatasteel.com/media/5890/policy-on-determining-material-subsidiaries.pdf
Whistle Blower Policy	https://www.tatasteel.com/media/9942/whistle-blower-policy-for-business-associates.pdf https://www.tatasteel.com/media/11322/revised-whistleblower-policy-december-18-2019.pdf
Code of Corporate Disclosure Practices	https://www.tatasteel.com/media/6843/code-of-corporate-disclosure-practices.pdf
Policy on Determination of Materiality for Disclosure(s)	https://www.tatasteel.com/media/6844/tata-steel-determination-of-materiality-policy.pdf
Document Retention and Archival Policy	https://www.tatasteel.com/media/6845/tata-steel-document-retention-policy.pdf
Prevention of Sexual Harassment (POSH) at Workplace Policy	https://www.tatasteel.com/media/7526/posh.pdf
Reconciliation of Share Capital Audit Report	https://www.tatasteel.com/investors/stock-exchange-compliances/reconciliation-of-share-capital-audit-reports/

Declaration Regarding Compliance by Board Members and Senior Management Personnel with the Code of Conduct

This is to confirm that the Company has adopted the Tata Code of Conduct for its employees including the Managing Director and the Whole-time Directors. In addition, the Company has adopted the Tata Code of Conduct for the Non-Executive Directors. Both these Codes are available on the Company's website at www.tatasteel.com

I confirm that the Company has in respect of the financial year ended March 31, 2023, received from the Senior Management Team of the Company and the Members of the Board, a declaration of compliance with the Code of Conduct as applicable to them.

For the purpose of this declaration, Senior Management Team means the Members of the Management one level below the Chief Executive Officer & Managing Director as on March 31, 2023.

sd/-
T. V. NARENDRAN
Chief Executive Officer & Managing Director
DIN: 03083605

Mumbai
May 2, 2023

Practising Company Secretaries' Certificate On Corporate Governance

To ,
The Members of
Tata Steel Limited

We have examined the compliance of the conditions of Corporate Governance by Tata Steel Limited ('the Company') for the year ended on March 31, 2023, as stipulated under Regulations 17 to 27, clauses (b) to (i) and (t) of sub-regulation (2) of Regulation 46 and para C, D & E of Schedule V of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015 (SEBI Listing Regulations).

The compliance of the conditions of Corporate Governance is the responsibility of the Management. Our examination was limited to the review of procedures and implementation thereof, as adopted by the Company for ensuring compliance with conditions of Corporate Governance. It is neither an audit nor an expression of opinion on the financial statements of the Company.

In our opinion and to the best of our information and according to the explanations given to us, and the representations made by the Directors and the Management and considering the relaxations granted by the Ministry of Corporate Affairs and Securities and Exchange Board of India warranted due to the spread of the COVID-19 pandemic, we certify that the Company has complied with the conditions of Corporate Governance as stipulated in the SEBI Listing Regulations for the year ended March 31, 2023.

We further state that such compliance is neither an assurance as to the future viability of the Company nor of the efficiency or effectiveness with which the management has conducted the affairs of the Company.

For Parikh & Associates
Practising Company Secretaries

sd/-
P. N. PARIKH
Partner
FCS No.: 327 CP No.: 1228
UDIN: F000327E000235705
PR No.: 1129/2021

Mumbai
May 2, 2023

Practising Company Secretaries' Certificate on Directors

(Pursuant to Regulation 34(3) and Schedule V Para C clause (10)(i) of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015)

To ,
The Members
Tata Steel Limited
Bombay House, 24, Homi Mody Street,
Fort, Mumbai – 400 001

We have examined the relevant registers, records, forms, returns and disclosures received from the Directors of Tata Steel Limited having CIN: L27100MH1907PLC000260 and having registered office at Bombay House, 24, Homi Mody Street, Fort, Mumbai – 400 001 (hereinafter referred to as the Company), produced before me/us by the Company for the purpose of issuing this Certificate, in accordance with Regulation 34(3) read with Schedule V Para C Sub-clause 10(i) of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015.

In our opinion and to the best of our information and according to the verifications (including Directors Identification Number (DIN) status at the portal www.mca.gov.in) as considered necessary and explanations furnished to us by the Company & its officers and considering the relaxations granted by the Ministry of Corporate Affairs and Securities and Exchange Board of India warranted due to the spread of the COVID-19 pandemic, we hereby certify that none of the Directors on the Board of the Company as stated below for the Financial Year ended March 31, 2023 have been debarred or disqualified from being appointed or continuing as Directors of companies by the Securities and Exchange Board of India, Ministry of Corporate Affairs, or any such other Statutory Authority.

SN	Name of the Director	DIN	Date of Appointment in Company*
1.	N. Chandrasekaran	00121863	January 13, 2017
2.	Noel Naval Tata	00024713	March 28, 2022
3.	Saurabh Agrawal	02144558	August 10, 2017
4.	V. K. Sharma	02449088	August 24, 2018**
5.	O. P. Bhatt	00548091	June 10, 2013
6.	Farida Khambata	06954123	August 12, 2021
7.	Deepak Kapoor	00162957	April 01, 2017
8.	Bharti Gupta Ramola	00356188	November 25, 2022
9.	T. V. Narendran	03083605	August 14, 2014***
10.	Koushik Chatterjee	00004989	November 09, 2012

*The date of appointment is as per the MCA Portal.

**Mr. V. K. Sharma ceased to be a Non-Executive Non-Independent Director w.e.f. March 28, 2022 and was appointed as an Additional Independent Director w.e.f. March 28, 2022.

*** Mr. T. V. Narendran was appointed as the Managing Director of the Company effective September 19, 2013 and the said appointment was approved by the Shareholders at the Annual General Meeting held on August 14, 2014.

Ensuring the eligibility for the appointment / continuity of every Director on the Board is the responsibility of the management of the Company. Our responsibility is to express an opinion on these based on our verification. This certificate is neither an assurance as to the future viability of the Company nor of the efficiency or effectiveness with which the management has conducted the affairs of the Company.

For Parikh & Associates
Practising Company Secretaries

sd/-

P. N. PARIKH
Partner
FCS No.: 327 CP No.: 1228
UDIN: F000327E000235738
PR No.: 1129/2021

Mumbai
May 2, 2023

ANNEXURE 4

Particulars of Remuneration

Part A: Information pursuant to Section 197(12) of the Companies Act, 2013 [Read with Rule 5(1) of the Companies (Appointment and Remuneration of Managerial Personnel) Rules, 2014]

A. Ratio of the remuneration of each Director to the median remuneration of all the employees of the Company for FY2022-23 and % increase in remuneration of each Director/KMP of the Company for FY2022-23 are as under:

Name of Director	% increase in remuneration over previous year	Ratio of remuneration to median remuneration of all employees (1)
Non-Executive Directors		
Mr. N. Chandrasekaran (2)	NA	NA
Mr. Noel Naval Tata (3)	-	17.23
Mr. Saurabh Agrawal (4)	NA	NA
Independent Directors		
Ms. Mallika Srinivasan (5)	-	-
Mr. O. P. Bhatt	3.85	27.74
Mr. Deepak Kapoor	10.24	17.46
Mr. David W. Crane (5)	-	-
Ms. Farida Khambata (6)	-	14.14
Mr. V. K. Sharma	5.15	13.93
Ms. Bharti Gupta Ramola (7)	-	-
Executive Directors / KMP		
Mr. T. V. Narendran (8)	(4.29)	208.79
Mr. Koushik Chatterjee (8)	(6.33)	158.97
Mr. Parvatheesam Kanchinadham	21.89	42.06

Notes:

(1) The ratio of remuneration to median remuneration is based on remuneration paid during April 1, 2022 to March 31, 2023.

(2) As a policy, Mr. N. Chandrasekaran, Chairman, has abstained from receiving commission from the Company.

(3) Mr. Noel Naval Tata was appointed as an Additional Director (Non-Executive, Non-Independent) effective March 28, 2022. There were no Board Meetings which were conducted during FY2021-22 post his appointment and hence, no remuneration was payable to Mr. Tata for FY2021-22. Accordingly, the % increase in remuneration over previous year is not comparable and hence not stated.

(4) In line with the internal guidelines of the Company, no payment is made towards commission to the Non-Executive Directors of the Company, who are in full time employment with any other Tata Company. Accordingly, no commission has been paid to Mr. Saurabh Agrawal.

(5) Ms. Mallika Srinivasan completed her second term as an Independent Director of the Board and ceased as an Independent Director and Member of the Board effective May 20, 2022 and Mr. David W. Crane stepped down as an Independent Director and Member of the Board effective September 5, 2022. Since their remuneration is for part of the year, percentage increase in remuneration over previous year as well as the ratio of their remuneration to median remuneration is not comparable and hence not stated.

(6) Ms. Farida Khambata was appointed as an Independent Director effective August 12, 2021. Since her remuneration for FY2021-22 was for part of the year, the % increase in remuneration over previous year is not comparable and hence not stated.

(7) Ms. Bharti Gupta Ramola was appointed as an Independent Director effective November 25, 2022. Since the remuneration of Ms. Ramola is only for part of the year, percentage increase in remuneration over previous year as well as the ratio of her remuneration to median remuneration is not comparable and hence not stated.

(8) Includes the Commission/bonus approved by the Board of Directors for the Chief Executive Office & Managing Director and Executive Director & Chief Financial Officer on May 2, 2023, for FY2022-23 (which will be paid to them on conclusion of the Annual General Meeting scheduled to be held on July 5, 2023).

B. The percentage increase/(decrease) in the median remuneration of employees in the Financial Year 2022-23: 8.71%

C. The number of permanent employees on the rolls of Company as on March 31, 2023: 36,151

D. Comparison of average percentile increase in salary of employees other than the managerial personnel and the percentile increase in the managerial remuneration:

During FY2022-23, the average percentage increase / (decrease) in salary of the Company's employees, excluding the Key Managerial Personnel ('KMP') was 3.87%. The total remuneration of KMPs for FY2022-23 was Rs3,663.74 lakh as against Rs3,775.81 lakh during the previous year, a decrease of 2.97%.

E. Affirmations: It is affirmed that the remuneration paid to the Directors, Key Managerial Personnel and other employees is as per the Remuneration Policy of the Company.

On behalf of the Board of Directors

sd/-
N. CHANDRASEKARAN
Chairman
DIN: 00121863

Mumbai
May 2, 2023

ANNEXURE 5

Form No. AOC-1

Statement containing salient features of the financial statement of subsidiaries or associate companies or Joint ventures

Pursuant to Section 129(3) of the Companies Act, 2013 [Read with Rule 5 of the Companies (Accounts) Rules, 2014]

PART A - Summary of Financial Information of Subsidiary Companies

SL No.	Name of the company	Date since when the subsidiary was acquired	Reporting currency	Exchange rate&	Share Capital&& (Rs. crore)	Reserves & Surplus (Rs. crore)	Total Assets (Rs. crore)	Total Liabilities (Rs. crore)
1	ABJA Investment Co. Pte. Ltd.	Apr 12, 2013	USD	82.17	1.64	(38.14)	20,903.69	20,940.19
2	The Indian Steel & Wire Products Ltd\$	Dec 20, 2003	INR	1.00	5.99	138.13	224.72	80.60
3	Tata Steel Utilities and Infrastructure Services Limited	Aug 25, 2003	INR	1.00	63.22	1,043.48	1,931.21	824.51
4	Haldia Water Management Limited	Dec 06, 2008	INR	1.00	27.77	(32.31)	0.30	4.84
5	Kalimati Global Shared Services Limited	Jan 08, 2018	INR	1.00	4.00	3.12	12.94	5.82
6	Tata Steel Special Economic Zone Limited	Oct 11, 2006	INR	1.00	459.86	(7.09)	472.14	19.37
7	The Tata Pigments Limited	May 18, 1985	INR	1.00	0.75	48.02	100.20	51.43
8	Adityapur Toll Bridge Company Limited	Jun 12, 2002	INR	1.00	46.78	16.47	63.61	0.36
9	Mohar Export Services Pvt. Ltd	Apr 30, 2015	INR	1.00	0.01	(0.05)	0.06	0.10
10	NatSteel Asia Pte. Ltd. @	Feb 15, 2005	USD	82.17				
11	Rujuvalika Investments Limited	Apr 30, 2015	INR	1.00	1.33	131.25	136.69	4.11
12	Tata Steel Mining Limited (Formerly known as T S Alloys Limited)\$	Mar 14, 2007	INR	1.00	850.12	(371.21)	5,075.90	4,596.99
13	Tata Korf Engineering Services Ltd	Oct 30, 1985	INR	1.00	-	-	-	-
14	Tata Metaliks Ltd.\$	Feb 07, 2008	INR	1.00	31.58	1,547.89	2,505.92	926.45
15	Tata Steel Long Products Limited\$	Aug 28, 2012	INR	1.00	14,025.01	2,014.30	20,666.31	4,627.00
16	Neelachal Ispat Nigam Limited	July 04, 2022	INR	1.00	6,311.23	4,906.55	13,449.24	2,231.46
17	T Steel Holdings Pte. Ltd.	July 05, 2006	USD	82.17	1,15,885.61	(91,841.08)	59,790.41	35,745.88
18	TS Global Holdings Pte Ltd.	July 04, 2008	USD	82.17	1,14,607.69	(98,043.11)	81,784.52	65,219.94
	Orchid Netherlands (No.1)	Mar 20,						

19	B.V.	2009	EUR	89.29	0.16	(0.45)	8.16	8.45
20	The Siam Industrial Wire Company Ltd.	Feb 15, 2005	THB	2.40	110.51	1,685.73	1,968.56	172.32
21	TSN Wires Co., Ltd.	Apr 05, 2012	THB	2.40	168.17	(149.62)	207.50	188.95
22	Tata Steel Europe Limited	Apr 02, 2007	GBP	101.68	1,03,940.92	(50,853.78)	55,017.75	1,930.61
23	Apollo Metals Limited	Apr 02, 2007	USD	82.17	0.00	60.17	108.13	47.96
24	00030048 Limited (Formerly British Steel Corporation Limited)*	Apr 02, 2007	GBP	101.68	0.00	401.54	401.54	-
25	British Steel Nederland International B.V.	Apr 02, 2007	EUR	89.29	0.17	507.17	776.42	269.08
26	CV Benine**	Apr 02, 2007	EUR	89.29	19.35	(0.02)	93.00	73.67
27	Catnic GmbH	Apr 02, 2007	EUR	89.29	0.23	79.75	106.03	26.05
28	Catnic Limited	Apr 02, 2007	GBP	101.68	2.28	(2.90)	0.19	0.81
29	Tata Steel Mexico SA de CV	Apr 02, 2007	USD	82.17	0.03	1.60	2.01	0.38
30	Cogent Power Limited	Apr 02, 2007	GBP	101.68	433.84	(148.80)	594.36	309.32
31	Corbeil Les Rives SCI**	Apr 02, 2007	EUR	89.29	5.73	(0.45)	7.66	2.38
32	Corby (Northants) & District Water Company Limited	Apr 02, 2007	GBP	101.68	2.64	3.56	9.77	3.57
33	Corus CNBV Investments	Apr 02, 2007	GBP	101.68	0.00	-	0.00	-
34	Corus Engineering Steels (UK) Limited	Apr 02, 2007	GBP	101.68	0.00	-	0.00	-
35	Corus Engineering Steels Limited	Apr 02, 2007	GBP	101.68	0.00	0.00	0.00	-
36	Corus Group Limited	Apr 02, 2007	GBP	101.68	65,265.92	(54,104.45)	13,592.21	2,430.74
37	Corus Holdings Limited	Apr 02, 2007	GBP	101.68	2.54	6.33	1.34	(7.53)
38	Corus International (Overseas Holdings) Limited	Apr 02, 2007	GBP	101.68	1,435.78	4,086.58	5,532.29	9.93
39	Corus International Limited	Apr 02, 2007	GBP	101.68	4,986.01	(1,873.72)	3,052.00	(60.29)
40	Corus International Romania SRL.**	Apr 02, 2007	RON	18.04	0.01	7.19	7.28	0.08
41	Corus Investments Limited*	Apr 02, 2007	GBP	101.68	0.00	230.61	230.61	-

42	Corus Ireland Limited	Apr 02, 2007	EUR	89.29	0.00	11.66	11.88	0.22
43	Corus Liaison Services (India) Limited*	Apr 02, 2007	GBP	101.68	0.00	(26.13)	-	26.13
44	Corus Management Limited	Apr 02, 2007	GBP	101.68	0.00	411.17	1,380.16	968.99
45	Corus Property	Apr 02, 2007	GBP	101.68	0.00	-	0.01	0.01
46	Corus UK Healthcare Trustee Limited	Mar 31, 2009	GBP	101.68	0.00	-	0.00	-
47	Crucible Insurance Company Limited	Apr 02, 2007	GBP	101.68	5.08	293.67	316.57	17.82
48	Degels GmbH	Apr 02, 2007	EUR	89.29	0.71	26.20	50.26	23.35
49	Demka B.V.	Apr 02, 2007	EUR	89.29	54.94	23.47	78.50	0.09
50	00026466 Limited (Formerly known as Firsteel Group Limited)*	Apr 02, 2007	GBP	101.68	182.28	(182.28)	-	-
51	Fischer Profil GmbH	Apr 02, 2007	EUR	89.29	91.31	13.26	443.70	339.13
52	Gamble Simms Metals Limited	Apr 02, 2007	EUR	89.29	5.67	(5.67)	-	-
53	H E Samson Limited	Apr 02, 2007	GBP	101.68	0.00	-	0.00	-
54	Hadfields Holdings Limited	Apr 02, 2007	GBP	101.68	1.02	(13.73)		12.71
55	Halmstad Steel Service Centre AB	Mar 31, 2015	SEK	7.94	0.04	161.81	426.96	265.11
56	Hille & Muller GmbH	Apr 02, 2007	EUR	89.29	45.70	207.79	682.17	428.68
57	Hille & Muller USA Inc.	Apr 02, 2007	USD	82.17	0.03	122.71	144.76	22.02
58	Hoogovens USA Inc.	Apr 02, 2007	USD	82.17	499.99	370.96	980.54	109.59
59	Huizenbezit " Breesaap" B.V.	Apr 02, 2007	EUR	89.29	0.41	(9.57)	0.26	9.42
60	Inter Metal Distribution SAS	Apr 02, 2007	EUR	89.29	0.00	(0.00)	(0.00)	0.00
61	Layde Steel S.L	Apr 02, 2007	EUR	89.29	44.64	75.02	672.38	552.72
62	London Works Steel Company Limited*	Apr 02, 2007	GBP	101.68	0.00	(104.79)	56.94	161.73
63	Montana BausystemeAG	Apr 02, 2007	CHF	89.93	35.97	155.87	354.29	162.45
64	Naantali Steel Service Centre OY	Mar 31, 2015	EUR	89.29	0.02	38.66	199.07	160.39

65	Norsk Stal Tynnplater AS	Mar 31, 2015	NOK	7.86	10.45	45.45	77.13	21.23
66	Norsk Stal Tynnplater AB	Mar 31, 2015	NOK	7.86	0.39	28.55	36.95	8.01
67	Oremco Inc.	Apr 02, 2007	USD	82.17	-	-	-	-
68	Rafferty-Brown Steel Co Inc Of Conn.	Apr 02, 2007	USD	82.17	26.02	(1.92)	24.10	0.00
69	SAB Profiel B.V.	Apr 02, 2007	EUR	89.29	1.21	286.78	701.75	413.76
70	SAB Profil GmbH	Apr 02, 2007	EUR	89.29	0.27	149.60	266.04	116.17
71	Service Center Gelsenkirchen GmbH	Apr 02, 2007	EUR	89.29	164.38	93.09	674.80	417.33
72	Service Centre Maastricht B.V.	Apr 02, 2007	EUR	89.29	0.48	302.79	974.05	670.78
73	Societe Europeenne De Galvanisation (Segal) Sa	Apr 02, 2007	EUR	89.29	111.61	32.68	346.83	202.54
74	Staalverwerking en Handel B.V.	Apr 02, 2007	EUR	89.29	0.00	0.00	0.00	0.00
75	Surahammar Bruks AB	Apr 02, 2007	SEK	7.94	17.15	37.00	367.21	313.06
76	Swinden Housing Association Limited	Apr 02, 2007	GBP	101.68	0.00	13.94	14.56	0.62
77	Tata Steel Belgium Packaging Steels N.V.	Apr 02, 2007	EUR	89.29	137.81	31.03	197.82	28.98
78	Tata Steel Belgium Services N.V.	Apr 02, 2007	EUR	89.29	150.42	94.10	409.04	164.52
79	Tata Steel France Batiment et Systemes SAS	Apr 02, 2007	EUR	89.29	-	-	-	-
80	Tata Steel France Holdings SAS	Apr 02, 2007	EUR	89.29	44.64	830.26	1,567.32	692.42
81	Tata Steel Germany GmbH	Apr 02, 2007	EUR	89.29	1,448.81	(569.43)	1,712.68	833.30
82	Tata Steel Umuiden BV	Apr 02, 2007	EUR	89.29	1,004.50	28,913.10	46,742.71	16,825.11
83	Tata Steel International (Americas) Holdings Inc	Apr 02, 2007	USD	82.17	4,822.60	(5,437.29)	(614.69)	0.00
84	Tata Steel International (Americas) Inc	Apr 02, 2007	USD	82.17	73.15	1,267.40	1,397.44	56.89
85	Tata Steel International (Czech Republic) S.R.O	Apr 02, 2007	CZK	3.80	0.46	17.64	18.76	0.66
86	Tata Steel International (France) SAS	Apr 02, 2007	EUR	89.29	1.79	30.74	38.95	6.42
87	Tata Steel International (Germany) GmbH	Apr 02, 2007	EUR	89.29	7.77	5.66	82.74	69.31

88	Tata Steel International (South America) Representacoes LTDA	Apr 02, 2007	USD	82.17	1.77	1.01	2.80	0.02
89	Tata Steel International (Italia) SRL	Apr 02, 2007	EUR	89.29	67.41	(24.02)	48.77	5.38
90	Tata Steel International (Middle East) FZE	Apr 02, 2007	AED	22.36	100.61	26.62	161.60	34.37
91	Tata Steel International Limited	Jun 10, 2008	NGN	0.18	-	-	-	-
92	Tata Steel International (Poland) sp Zoo	Apr 02, 2007	PLZ	19.08	7.26	18.46	27.40	1.68
93	Tata Steel International (Sweden) AB	Apr 02, 2007	SEK	7.94	0.08	58.74	63.45	4.63
94	Tata Steel International (India) Limited	Apr 02, 2007	INR	1.00	5.08	16.97	25.71	3.66
95	Tata Steel International Iberica SA	Apr 02, 2007	EUR	89.29	1.34	78.05	89.04	9.65
96	Tata Steel Istanbul Metal Sanayi ve Ticaret AS	Apr 02, 2007	USD	82.17	203.20	(147.73)	222.16	166.69
97	Tata Steel Maubeuge SAS	Apr 02, 2007	EUR	89.29	66.97	457.60	1,671.27	1,146.70
98	Tata Steel Nederland BV	Apr 02, 2007	EUR	89.29	3,460.89	9,666.28	22,813.80	9,686.63
99	Tata Steel Nederland Consulting & Technical Services BV	Apr 02, 2007	EUR	89.29	80.36	(53.69)	33.79	7.12
100	Tata Steel Nederland Services BV	Apr 02, 2007	EUR	89.29	3.80	(109.78)	303.00	408.98
101	Tata Steel Nederland Technology BV	Apr 02, 2007	EUR	89.29	0.00	708.24	966.79	258.55
102	Tata Steel Nederland Tubes BV	Apr 02, 2007	EUR	89.29	1,125.04	(1,059.07)	756.27	690.30
103	Tata Steel Netherlands Holdings B.V	Apr 02, 2007	EUR	89.29	47,680.21	(9,555.50)	54,398.26	16,273.55
104	Tata Steel Norway Byggsystemer A/S	Apr 02, 2007	NOK	7.86	0.96	113.55	199.43	84.92
105	Tata Steel UK Consulting Limited	Apr 02, 2007	GBP	101.68	17.64	(24.15)		6.51
106	Tata Steel UK Holdings Limited	Apr 02, 2007	GBP	101.68	1,16,298.96	(67,065.84)	49,233.12	0.00
107	Tata Steel UK Limited	Apr 02, 2007	GBP	101.68	22,793.39	(18,747.38)	25,465.40	21,419.39
108	Tata Steel USA Inc.	Apr 02, 2007	USD	82.17	1.15	64.97	76.65	10.53
109	The Newport And South Wales Tube Company Limited	Apr 02, 2007	GBP	101.68	0.00	5.75	5.75	0.00

110	Thomas Processing Company	Apr 02, 2007	USD	82.17	0.00	157.77	195.88	38.11
111	Thomas Steel Strip Corp.	Apr 02, 2007	USD	82.17	65.74	(122.91)	650.78	707.95
112	TS South Africa Sales Office Proprietary Limited	Aug 31, 2015	ZAR	4.62	0.00	7.55	7.80	0.25
113	Tulip UK Holdings (No.2) Limited	Apr 02, 2007	GBP	101.68	1,16,237.93	(61,784.72)	54,453.29	0.08
114	Tulip UK Holdings (No.3) Limited	Apr 02, 2007	GBP	101.68	1,16,241.36	(61,667.15)	54,574.21	0.00
115	UK Steel Enterprise Limited	Apr 02, 2007	GBP	101.68	101.68	126.67	213.15	(15.20)
116	Unitol SAS	Apr 02, 2007	EUR	89.29	53.57	72.84	672.01	545.60
117	Fischer Profil Produktions -und-Vertriebs-GmbH	Apr 01, 2021	EUR	89.29	0.22	0.39	4.00	3.39
118	Al Rimal Mining LLC	Feb 25, 2008	OMR	213.42	21.34	(0.45)	22.26	1.37
119	TSMUK Limited	Sep 23, 2010	USD	82.17	4,922.22	(463.61)	8,856.92	4,398.31
120	T S Canada Capital Ltd	Dec 31, 2012	USD	82.17	0.00	35.39	37.79	2.40
121	Tata Steel Minerals Canada Limited	Dec 31, 2010	USD	82.17	7,215.76	(8,435.93)	7,049.33	8,269.50
122	Tata Steel (Thailand) Public Company Limited	Apr 04, 2006	THB	2.40	2,023.19	1,182.43	3,243.86	38.24
123	Tata Steel Manufacturing (Thailand) Public Company Limited (formerly N.T.S Steel Group Public Limited Company)	Apr 04, 2006	THB	2.40	1,627.51	710.41	2,970.76	632.84
124	T S Global Procurement Company Pte. Ltd.	Apr 23, 2010	USD	82.17	818.73	746.62	18,622.05	17,056.70
125	TS Asia (Hong Kong) Ltd.	Sep 27, 2006	USD	82.17	-	-	-	-
126	Tata Steel International (Shanghai) Ltd.	Jan 25, 2008	CNY	11.95	5.84	0.42	6.50	0.24
127	Tata Steel Downstream Products Limited	Jul 14, 2009	INR	1.00	243.04	3,123.04	4,120.52	754.44
128	Tata Steel Advanced Materials Limited	Jun 22, 2012	INR	1.00	56.22	8.87	65.21	0.12
129	Cerammat Private Limited	Feb 28, 2022	INR	1.00	19.64	(4.45)	17.51	2.32
130	Tata Steel TABB Limited	May 23, 2022	INR	1.00	15.30	(0.76)	18.68	4.14
131	Tayo Rolls Limited	Dec 01, 2008	INR	1.00	-	-	-	-

132	The Tinplate Company of India Limited\$	Apr 01, 2011	INR	1.00	104.80	1,158.28	1,925.62	662.54
133	Tata Steel Foundation	Aug 16, 2016	INR	1.00	1.00	12.32	64.27	50.95
134	Jamshedpur Football and Sporting Private Limited	Jul 07, 2017	INR	1.00	40.80	(37.52)	9.82	6.54
135	Bhubaneswar Power Private Limited	Aug 06, 2008	INR	1.00	253.25	153.54	802.50	395.71
136	Angul Energy Limited\$	May 18, 2018	INR	1.00	10.00	928.60	1,011.74	73.14
137	Tata Steel Support Services Limited (formerly Bhushan Steel (Orissa) Ltd.)	May 18, 2018	INR	1.00	0.05	1.18	22.28	21.05
138	Bhushan Steel (South) Ltd.	May 18, 2018	INR	1.00	1.30	(1.14)	0.17	0.01
139	Tata Steel Technical Services Limited (formerly Bhushan Steel (Madhya Bharat) Ltd.)	May 18, 2018	INR	1.00	0.05	2.62	46.32	43.65
140	Bhushan Steel (Australia) PTY Ltd.	May 18, 2018	AUD	54.95	286.12	(282.14)	14.60	10.62
141	Bowen Energy PTY Ltd.	May 18, 2018	AUD	54.95	111.33	(111.33)	0.00	(0.00)
142	Bowen Coal PTY Ltd.	May 18, 2018	AUD	54.95	0.00		0.00	-
143	Creative Port Development Private Limited	Sep 18, 2018	INR	1.00	222.36	(12.78)	223.90	14.32
144	Subarnarekha Port Private Limited	Sep 18, 2018	INR	1.00	10.92	214.54	269.86	44.40
145	S & T Mining Company Limited\$#	Apr 11, 2022	INR	1.00	37.05	(36.81)	1.15	0.91
146	Medica TS Hospital Pvt. Ltd.	Jan, 07 2022	INR	1.00	73.75	(29.91)	50.21	6.37

SL No.	Name of the company	Total Investments (Rs. crore)	Turnover (Rs. crore)	Profit before Taxation (Rs. crore)	Provision for Taxation (Rs. crore)	Profit after Taxation (Rs. crore)	Proposed Dividend	Ownership (%)
1	ABJA Investment Co. Pte. Ltd.	-	-	74.28	11.79	62.49	-	100.00
2	The Indian Steel & Wire Products Ltd\$	0.00	341.99	2.13	0.68	1.45	-	95.01
3	Tata Steel Utilities and Infrastructure Services Limited	891.56	1,426.76	109.40	18.44	90.96	3.59	100.00
4	Haldia Water Management Limited	-	-	(0.01)		(0.01)	-	60.00
5	Kalimati Global Shared Services Limited	-	29.87	3.52	0.85	2.67	2.28	100.00

6	Tata Steel Special Economic Zone Limited	-	17.46	(5.17)		(5.17)	-	100.00
7	The Tata Pigments Limited	14.02	194.85	17.08	4.44	12.64	-	100.00
8	Adityapur Toll Bridge Company Limited	-	13.47	9.27	1.16	8.11	-	88.50
9	Mohar Export Services Pvt. Ltd	-	-	(0.00)	-	(0.00)	-	66.46
10	NatSteel Asia Pte. Ltd. @	-	-	-	-	-	-	
11	Rujuvalika Investments Limited	136.13		6.48	0.48	6.00	-	100.00
12	Tata Steel Mining Limited (Formerly known as T S Alloys Limited)\$	33.74	4,999.91	(270.21)	2.29	(272.50)	-	100.00
13	Tata Korf Engineering Services Ltd	-	-	-	-	-	-	100.00
14	Tata Metaliks Ltd.\$	100.25	3,259.57	100.70	20.15	80.55	15.79	60.03
15	Tata Steel Long Products Limited\$	13,632.63	7,464.07	(1,029.62)	55.87	(1,085.49)	-	74.91
16	Neelachal Ispat Nigam Limited	556.75	1,645.55	(1,508.36)	(290.05)	(1,218.31)	-	74.67
17	T Steel Holdings Pte. Ltd.	24,044.34	-	16.67	3.53	13.14	-	100.00
18	TS Global Holdings Pte Ltd.	64,067.34	-	(2,464.95)	90.44	(2,555.39)	-	100.00
19	Orchid Netherlands (No.1) B.V.	-	-	(0.35)		(0.35)	-	100.00
20	The Siam Industrial Wire Company Ltd.	33.63	2,036.80	200.54	32.34	168.20	-	100.00
21	TSN Wires Co., Ltd.	-	282.22	(14.68)	-	(14.68)	-	60.00
22	Tata Steel Europe Limited	53,114.06		(18.29)	-	(18.29)	-	100.00
23	Apollo Metals Limited	-	341.92	33.11	0.51	32.60	230.08	100.00
24	00030048 Limited (Formerly British Steel Corporation Limited)*	-	-	-	-	-	-	100.00
25	British Steel Nederland International B.V.	298.29	-	91.54	0.49	91.05	-	100.00
26	CV Benine**	-	-	-	-	-	-	76.92
27	Catnic GmbH	-	240.92	7.74	2.57	5.17	-	100.00
28	Catnic Limited	0.19	-	-	-		-	100.00
29	Tata Steel Mexico SA de CV	-	-	0.27	0.14	0.13	-	100.00
30	Cogent Power Limited	191.54	-	13.96	-	13.96	-	100.00
31	Corbeil Les Rives SCI**	-	-	(5.69)	-	(5.69)	-	67.30
32	Corby (Northants) & District Water Company Limited	-	1.11	0.00	-	0.00	-	100.00
33	Corus CNBV Investments	-	-	-	-	-	-	100.00
34	Corus Engineering Steels (UK) Limited	-	-	-	-	-	-	100.00

35	Corus Engineering Steels Limited	-	-	-	-	-	-	100.00
36	Corus Group Limited	13,582.76	-	(130.38)	-	(130.38)	-	100.00
37	Corus Holdings Limited	-	-	0.97	-	0.97	-	100.00
38	Corus International (Overseas Holdings) Limited	296.91	-	229.77	0.23	229.54	-	100.00
39	Corus International Limited	3,033.00	-	-	-	-	-	100.00
40	Corus International Romania SRL.**	-	-	1.94	0.03	1.91	-	100.00
41	Corus Investments Limited*	-	-	-	-	-	-	100.00
42	Corus Ireland Limited	-	-	4.44	1.06	3.38	-	100.00
43	Corus Liaison Services (India) Limited*	-	-	-	-	-	-	100.00
44	Corus Management Limited	453.45	-	-	-	-	-	100.00
45	Corus Property	-	-	-	-	-	-	100.00
46	Corus UK Healthcare Trustee Limited	-	-	-	-	-	-	100.00
47	Crucible Insurance Company Limited	-	-	5.97		5.97	-	100.00
48	Degels GmbH	-	-	(1.95)	(1.14)	(0.81)	-	100.00
49	Demka B.V.	-	-	0.33	0.09	0.24	-	100.00
50	00026466 Limited (Formerly known as Firsteel Group Limited)*	-	-	(0.97)	-	(0.97)	-	100.00
51	Fischer Profil GmbH	-	1,308.98	20.98	8.60	12.38	-	100.00
52	Gamble Simms Metals Limited	-	-	-	-	-	-	100.00
53	H E Samson Limited	-	-	-	-	-	-	100.00
54	Hadfields Holdings Limited	-	-	-	-	-	-	62.50
55	Halmstad Steel Service Centre AB	-	1,226.27	5.51	1.18	4.33	-	100.00
56	Hille & Muller GmbH	-	1,028.82	5.84	(1.13)	6.97	-	100.00
57	Hille & Muller USA Inc.	96.74	33.00	4.94	0.21	4.73	-	100.00
58	Hoogovens USA Inc.	528.75	-	234.27	6.36	227.91	-	100.00
59	Huizenbezit " Breesaap" B.V.	-	-	0.11	0.03	0.08	-	100.00
60	Inter Metal Distribution SAS	-	458.94	24.76	-	24.76	-	100.00
61	Layde Steel S.L	0.11	2,023.96	(49.99)	(0.22)	(49.77)	-	100.00
62	London Works Steel Company Limited*	-	-	-	-	-	-	100.00
63	Montana BausystemeAG	-	723.63	53.77	3.33	50.44	12.59	100.00

64	Naantali Steel Service Centre OY	-	598.18	(43.42)	0.03	(43.45)	-	100.00
65	Norsk Stal Tynnplater AS	-	103.22	17.49	4.04	13.45	-	100.00
66	Norsk Stal Tynnplater AB	-	432.87	3.07	0.47	2.60	-	100.00
67	Oremco Inc.	-	-	-	-	-	-	100.00
68	Rafferty-Brown Steel Co Inc Of Conn.	-	-	(2.34)	(0.41)	(1.93)	-	100.00
69	SAB Profiel B.V.	-	1,267.30	243.79	3.51	240.28	364.30	100.00
70	SAB Profil GmbH	-	503.50	73.51		73.51	72.26	100.00
71	Service Center Gelsenkirchen GmbH	0.50	1,624.63	30.76	(1.50)	32.26	-	100.00
72	Service Centre Maastricht B.V.	-	3,713.84	(26.55)	(6.86)	(19.69)	-	100.00
73	Societe Europeenne De Galvanisation (Segal) Sa	-	842.77	29.60	8.32	21.28	168.76	100.00
74	Staalverwerking en Handel B.V.	-	-	353.69	(2.74)	356.43	-	100.00
75	Surahammar Bruks AB	-	642.25	(15.59)	(2.07)	(13.52)	-	100.00
76	Swinden Housing Association Limited	-	-	0.28		0.28	-	100.00
77	Tata Steel Belgium Packaging Steels N.V.	0.70	120.79	10.34	2.61	7.73	17.92	100.00
78	Tata Steel Belgium Services N.V.	-	-	4.78	1.16	3.62	-	100.00
79	Tata Steel France Batiment et Systemes SAS	-	-	-	-	-	-	-
80	Tata Steel France Holdings SAS	1,021.29	-	19.41	(3.55)	22.96	-	100.00
81	Tata Steel Germany GmbH	886.67	-	106.07	17.75	88.32	-	100.00
82	Tata Steel Umuiden BV	417.38	54,657.42	3,710.81	874.91	2,835.90	-	100.00
83	Tata Steel International (Americas) Holdings Inc	362.58	-	5.64	39.69	(34.05)	-	100.00
84	Tata Steel International (Americas) Inc	-	829.23	147.99	10.27	137.72	-	100.00
85	Tata Steel International (Czech Republic) S.R.O	-	-	13.05	2.34	10.71	13.32	100.00
86	Tata Steel International (France) SAS	-	-	10.45	2.08	8.37	38.39	100.00
87	Tata Steel International (Germany) GmbH	-	-	(0.27)	(0.11)	(0.16)	-	100.00
88	Tata Steel International (South America) Representacoes LTDA	-	-	0.33	0.07	0.26	-	100.00
89	Tata Steel International (Italia) SRL	-	-	25.59	7.13	18.46	8.93	100.00

90	Tata Steel International (Middle East) FZE	-	64.55	0.21	-	0.21	-	100.00
91	Tata Steel International Limited	-	-	-	-	-	-	100.00
92	Tata Steel International (Poland) sp Zoo	-	-	8.65	0.94	7.71	2.58	100.00
93	Tata Steel International (Sweden) AB	-	-	43.19	8.91	34.28	27.78	100.00
94	Tata Steel International (India) Limited	-	-	0.57	1.60	(1.03)	-	100.00
95	Tata Steel International Iberica SA	-	-	45.61	11.30	34.31	-	100.00
96	Tata Steel Istanbul Metal Sanayi ve Ticaret AS	-	691.06	1.64	-	1.64	-	100.00
97	Tata Steel Maubeuge SAS	13.08	4,427.84	(55.95)	(1.38)	(54.57)	-	100.00
98	Tata Steel Nederland BV	14,821.07		(56.93)	(17.39)	(39.54)	-	100.00
99	Tata Steel Nederland Consulting & Technical Services BV	-	-	0.05	0.01	0.04	-	100.00
100	Tata Steel Nederland Services BV	-	-	(26.33)	(6.53)	(19.80)	-	100.00
101	Tata Steel Nederland Technology BV	14.89	-	(0.09)	(10.00)	9.91	-	100.00
102	Tata Steel Nederland Tubes BV	-	2,444.47	(184.90)	(48.28)	(136.62)	-	100.00
103	Tata Steel Netherlands Holdings B.V	52,189.09	-	(650.67)	(169.05)	(481.62)	-	100.00
104	Tata Steel Norway Byggsystemer A/S	-	322.71	22.53	5.26	17.27	-	100.00
105	Tata Steel UK Consulting Limited	-	-	0.06		0.06	-	100.00
106	Tata Steel UK Holdings Limited	49,233.12		0.51		0.51	-	100.00
107	Tata Steel UK Limited	2,656.21	31,794.10	(2,695.32)	4,019.92	(6,715.24)	-	100.00
108	Tata Steel USA Inc.	6.07	-	(0.08)	0.30	(0.38)	-	100.00
109	The Newport And South Wales Tube Company Limited	0.00	-	-	-	-	-	100.00
110	Thomas Processing Company	-	32.86	(15.76)	-	(15.76)	-	100.00
111	Thomas Steel Strip Corp.	31.21	1,159.62	82.07	14.94	67.13	-	100.00
112	TS South Africa Sales Office Proprietary Limited	-	-	5.37	1.39	3.98	-	100.00
113	Tulip UK Holdings (No.2) Limited	54,453.28	-	-	-	-	-	100.00
114	Tulip UK Holdings (No.3) Limited	54,574.21	-	-	-	-	-	100.00

115	UK Steel Enterprise Limited	49.08	-	4.56		4.56	-	100.00
116	Unitol SAS	2.37	2,113.76	7.39	(4.48)	11.87	-	100.00
117	Fischer Profil Produktions -und-Vertriebs-GmbH	-	-	0.38	(0.01)	0.39	-	100.00
118	Al Rimal Mining LLC	-	-	14.17	-	14.17	-	51.00
119	TSMUK Limited	8,159.59	-	0.25	-	0.25	-	100.00
120	T S Canada Capital Ltd	-	-	(0.65)	-	(0.65)	-	100.00
121	Tata Steel Minerals Canada Limited	-	664.78	(1,112.66)		(1,112.66)	-	82.00
122	Tata Steel (Thailand) Public Company Limited	-	147.85	68.74	0.77	67.97	101.16	67.90
123	Tata Steel Manufacturing (Thailand) Public Company Limited (formerly N.T.S Steel Group Public Limited Company)	-	7,385.18	159.82	(2.17)	161.99	65.10	67.83
124	T S Global Procurement Company Pte. Ltd.	6.69	75,791.36	(111.01)	16.52	(127.53)	-	100.00
125	TS Asia (Hong Kong) Ltd.	-	-	(0.24)	(0.21)	(0.03)	-	-
126	Tata Steel International (Shanghai) Ltd.	-	11.55	0.70		0.70	-	100.00
127	Tata Steel Downstream Products Limited	2,245.61	7,393.73	294.18	47.80	246.38	-	100.00
128	Tata Steel Advanced Materials Limited	35.31		(0.53)	-	(0.53)	-	100.00
129	Ceramat Private Limited	-	0.18	(4.29)	0.03	(4.32)	-	90.00
130	Tata Steel TABB Limited	-	-	(0.76)	-	(0.76)	-	100.00
131	Tayo Rolls Limited	-	-	-	-			54.91
132	The Tinplate Company of India Limited\$	252.45	3,982.77	192.91	50.09	142.82	31.40	74.96
133	Tata Steel Foundation	-	458.36	7.47	-	7.47	-	100.00
134	Jamshedpur Football and Sporting Private Limited	-	47.79	(28.61)	-	(28.61)	-	100.00
135	Bhubaneshwar Power Private Limited	7.69	597.12	58.91	14.21	44.70	-	100.00
136	Angul Energy Limited\$	19.61	195.00	53.95	-	53.95	-	99.99
137	Tata Steel Support Services Limited (formerly Bhushan Steel (Orissa) Ltd.)	-	59.89	(0.09)	(0.02)	(0.07)	-	100.00
138	Bhushan Steel (South) Ltd.	0.00	-	(0.02)	-	(0.02)	-	100.00
139	Tata Steel Technical Services Limited (formerly Bhushan Steel (Madhya Bharat) Ltd.)	-	144.13	(1.03)	(0.24)	(0.79)	-	100.00
	Bhushan Steel (Australia) PTY							

140	Ltd.	-	-	(0.29)	-	(0.29)	-	100.00
141	Bowen Energy PTY Ltd.	-	-	(0.00)	-	(0.00)	-	100.00
142	Bowen Coal PTY Ltd.	-	-	-	-	-	-	100.00
143	Creative Port Development Private Limited	198.69	-	(0.74)	-	(0.74)	-	51.00
144	Subarnarekha Port Private Limited	-	-	(8.40)	1.21	(9.61)	-	50.67
145	S & T Mining Company Limited\$#	-	-	1.01		1.01	-	100.00
146	Medica TS Hospital Pvt. Ltd.	-	22.77	(3.37)	(0.03)	(3.34)	-	51.00

Notes

& Closing exchange rate as on March, 31 2023 has been considered for calculation

&& Includes share application money

* Subsidiary under liquidation

** Reporting period for subsidiary companies at SI. 26, 31 and 40 is December 2022

@ Subsidiary merged

Entity converted from joint venture to subsidiary Not considered for consolidation as the subsidiary is undergoing Corporate Insolvency Resolution Process under the Insolvency and Bankruptcy Code, 2016.

\$ Under amalgamation

0.00 represents value less than Rs1 lakh

I Name of the subsidiaries which have been liquidated/ sold/ merged during the year:

1 Tata Steel France Batiment et Systemes SAS

2 NatSteel Asia Pte. Ltd.

3 TS Asia (Hong Kong) Ltd.

II Name of the subsidiaries liquidated/struck-off with no assets, liabilities and transactions during the period:

1 British Steel Service Centres Limited

2 DSRM Group Limited

3 Europressings Limited

4 02727547 Limited (Formerly known as Firststeel Holdings Limited)

5 Lister Tubes Limited

6 Precoat International Limited

7 Precoat Limited

8 Stewarts & Lloyds Of Ireland Limited

9 The Templeborough Rolling Mills Limited

10 Toronto Industrial Fabrications Limited

11 Walkersteelstock Ireland Limited

12 Westwood Steel Services Limited

13 TSIL Energy Limited

14 Blastmega Limited

15 Corus Engineering Steels Holdings Limited
16 Grant Lyon Eagre Limited
17 Hammermega Limited
18 Plated Strip (International) Limited
19 Runmega Limited

20 Stewarts And Lloyds (Overseas) Limited
 21 U.E.S Bright Bar Limited
 22 Bowen Consolidated Pty Ltd

III Name of the subsidiaries under liquidation with no assets, liabilities and transactions during the period:

1 The Siam Construction Steel Company Limited
 2 The Siam Iron and Steel (2001) Company Limited
 3 British Steel Directors (Nominees) Limited
 4 Orb Electrical Steels Limited
 5 Tata Steel Denmark Byggsystemer A/S
 6 Tata Steel Sweden Byggsystem AB

IV Subsidiaries yet to commence operations:

1 Subarnarekha Port Private Limited
 2 Bhushan Steel (South) Ltd.
 3 Bhushan Steel (Australia) PTY Ltd.
 4 Bowen Energy PTY Ltd.
 5 Bowen Coal PTY Ltd.

V The Company is continuing with its focus on simplifying the corporate structure which saw a significant number of entities enter into voluntary liquidation in the previous and current year. There remains an objective to simplify the structure further by dissolving additional entities which are either dormant or have ceased to have business operations.

PART B - Joint-Ventures and Associates

SL No.	Name of the company	Latest audited balance sheet date	Date on which the Associate or Joint Venture was associated or acquired	Reporting currency*	No. of shares held by the company in associate/ joint venture on the year end	Amount of Investment in associate/ joint venture (Rs. crore)	Extend of holding %
A	Joint Ventures						
1	mjunction services limited	Mar 31	Feb 01, 2001	INR	40,00,000	4.00	50.00
2	Tata NYK Shipping Pte Ltd.	Mar 31	Mar 19, 2007	USD	6,51,67,500	535.50	50.00
3	Tata NYK Shipping (India) Pvt. Ltd.	Mar 31	Apr 01, 2015	INR	12,50,000	0.13	50.00
4	TM International Logistics Limited	Mar 31	Jan 18, 2002	INR	91,80,000	9.18	51.00
5	International Shipping and Logistics FZE	Mar 31	Feb 01, 2004	USD	1	1.24	51.00
6	TKM Global China Ltd	Mar 31	Jun 25, 2008	CNY	1	4.39	51.00
7	TKM Global GmbH	Mar 31	Mar 01, 2005	EUR	100	1.11	51.00
8	TKM Global Logistics Limited	Mar 31	Jan 18, 2002	INR	36,00,000	5.16	51.00
9	Industrial Energy Limited	Mar 31		INR	17,31,60,000	173.16	26.00
	Andal East Coal						

10	Company Pvt. Ltd.		May 18, 2018	INR	3,30,000	1.46	33.89
11	Naba Diganta Water Management Limited	Mar 31	Jan 9, 2008	INR	1,36,53,000	13.65	74.00
12	Jamipol Ltd.	Mar 31	Apr 24, 1995	INR	47,25,000	18.17	40.22
13	Nicco Jubilee Park Limited		May, 2001	INR	3,40,000	-	25.31
14	Himalaya Steel Mills Services Private Limited	Mar 31	Sep 15, 2010	INR	36,19,945	3.62	26.00
15	Air Products Llanwern Limited	Sep 30	Apr 02, 2007	GBP	50,000	0.01	50.00
16	Laura Metaal Holding B.V.	Dec 31	Apr 02, 2007	EUR	2,744	11.12	49.00
17	Ravenscraig Limited	Dec 31	Apr 02, 2007	GBP	100	0.00\$\$	33.33
18	Tata Steel Ticaret AS	Dec 31	Apr 02, 2007	TRY	80,000	0.03	50.00
19	Texturing Technology Limited	Mar 31	Apr 02, 2007	GBP	10,00,000	10.17	50.00
20	Hoogovens Court Roll Service Technologies VOF##	Mar 31	Apr 02, 2007	EUR	No shares since it is a partnership by agreement only	11.76	50.00
21	Minas De Benga (Mauritius) Limited	Mar 31	Nov 30, 2007	USD	27,77,69,593	2,596.31	35.00
22	Tata BlueScope Steel Private Limited	Mar 31	Feb 09, 2005	INR	43,30,00,000	433.00	50.00
23	BlueScope Lysaght Lanka (Pvt) Ltd	Mar 31	April 01, 2015	LKR	1,06,35,000	2.66	50.00
24	Jamshedpur Continuous Annealing & Processing Company Private Limited	Mar 31	Aug 17, 2012	INR	73,03,20,000	730.32	51.00
B	Associates						
1	Kalinga Aquatics Ltd.			INR	10,49,920	0.00\$\$	30.00
2	Kumardhubi Fireclay & Silica Works Ltd.			INR	-	-	27.78
3	Kumardhubi Metal Casting and Engineering Limited			INR	-	-	49.31
4	Strategic Energy Technology Systems Private Limited		Jan 16, 2009	INR	2,56,14,500	25.62	25.00
5	Tata Construction & Projects Ltd.			INR	-	-	27.19
6	TRF Limited	Mar 31	Oct 16,1963	INR	37,53,275	204.02	34.11
7	TRF Singapore Pte Limited	Mar 31	Apr 01, 2015	SGD	1,90,86,929	126.28	34.11

8	TRF Holding Pte Limited	Mar 31	Apr 01, 2015	USD	1	0.00\$\$	34.11
9	Dutch Lanka Trailer Manufacturers Limited	Mar 31	Apr 01, 2015	USD	15,23,06,150	154.02	34.11
10	Dutch Lanka Engineering (Private) Limited	Mar 31	Apr 01, 2015	LKR	11,50,000	0.71	34.11
11	Malusha Travels Pvt Ltd.	Mar 31	Aug 05, 2014	INR	3,352	0.00&&	33.23
12	Bhushan Capital & Credit Services Private Limited	Mar 31	May 18, 2018	INR	86,43,742	9.40	42.58
13	Jawahar Credit & Holdings Private Limited	Mar 31	May 18, 2018	INR	86,43,742	9.40	39.65
14	European Profiles (M) Sdn. Bhd.	Dec 31	Jan 25, 2008	MYR	7,00,000	0.00\$\$	20.00
15	GietWals Onderhoud Combinatie B.V.	Dec 31	Apr 02, 2007	EUR	50	11.52	50.00
16	Hoogovens Gan Multimedia S.A. De C.V.	-	Apr 02, 2007	MXN	455,000 shares of the variable part; 25,000 of the minimum fixed part of the capital stock	0.01	50.00
17	ISSB Limited	Jun 01	Apr 02, 2007	GBP	500	0.01	50.00
18	Wupperman Staal Nederland B.V.	Dec 01	Apr 02, 2007	EUR	2,400	74.57	30.00
19	Fabsec Limited	Dec 01	May 18,2001	GBP	250	0.00\$\$	25.00
20	9336-0634 Quebec Inc	-	Mar 30,2017	CAD	1	-	27.33

SL No.	Name of the company	Description of how there is significant influence	Reason why the associate /joint venture is not consolidated	Net worth attributable to shareholding as per latest balance sheet (Rs. crore)	Share of profit/loss for the year (Rs crore)	
					Considered in consolidation	Not considered in consolidation
A	Joint Ventures					
1	mjunction services limited	1		150.16	36.66	36.66
2	Tata NYK Shipping Pte Ltd.	1		145.46	1.86	1.86
3	Tata NYK Shipping (India) Pvt. Ltd.	5		3.43	0.51	0.51
4	TM International Logistics Limited	4		130.80	27.94	26.85
	International					

5	Shipping and Logistics FZE	5		194.11	26.42	25.38
6	TKM Global China Ltd	5		3.75	0.70	0.67
7	TKM Global GmbH	5		94.51	2.99	2.88
8	TKM Global Logistics Limited	5		16.52	13.44	12.91
9	Industrial Energy Limited	1		281.79	30.13	85.77
10	Andal East Coal Company Pvt. Ltd.	1	Companies are in liquidation	-	-	-
11	Naba Diganta Water Management Limited	5		24.25	5.64	1.98
12	Jamipol Ltd.	1		62.42	12.41	18.45
13	Nicco Jubilee Park Limited	1	Financial information are not available	-	-	-
14	Himalaya Steel Mills Services Private Limited	1		7.95	2.88	8.20
15	Air Products Llanwern Limited	2		9.87	2.06	2.06
16	Laura Metaal Holding B.V.	2		185.48	1.01	1.05
17	Ravenscraig Limited	2		(82.08)	(6.67)	(13.35)
18	Tata Steel Ticaret AS	2		13.01	14.12	14.12
19	Texturing Technology Limited	2		25.03	4.49	4.49
20	Hoogovens Court Roll Service Technologies VOF##	2		12.64	(2.01)	(2.01)
21	Minas De Benga (Mauritius) Limited	2		(1,030.84)	44.74	83.08
22	Tata BlueScope Steel Private Limited	1		760.82	139.43	139.43
23	BlueScope Lysaght Lanka (Pvt) Ltd	5		9.85	2.74	2.74
24	Jamshedpur Continuous Annealing & Processing Company Private Limited	4		832.41	121.79	117.01
B	Associates					
1	Kalinga Aquatics Ltd.	1	Companies are in liquidation	-	-	-
2	Kumardhubi Fireclay & Silica Works Ltd.	1	Companies are in liquidation	-	-	-

3	Kumardhubi Metal Casting and Engineering Limited	1	Companies are in liquidation	-	-	-
4	Strategic Energy Technology Systems Private Limited	1	Not consolidated, as the investment value is impaired	-	-	-
5	Tata Construction & Projects Ltd.	1	Companies are in liquidation	-	-	-
6	TRF Limited	1	Under amalgamation	6.51	29.93	57.82
7	TRF Singapore Pte Limited	5		20.78	(0.23)	(0.45)
8	TRF Holding Pte Limited	5		0.01	0.15	0.29
9	Dutch Lanka Trailer Manufacturers Limited	5		16.57	2.82	5.44
10	Dutch Lanka Engineering (Private) Limited	5		(0.86)	(0.67)	(1.29)
11	Malusha Travels Pvt Ltd.	1		-	-	-
12	Bhushan Capital & Credit Services Private Limited		@	-	-	-
13	Jawahar Credit & Holdings Private Limited		@	-	-	-
14	European Profiles (M) Sdn. Bhd.	1		12.57	(0.25)	(1.02)
15	GietWals Onderhoud Combinatie B.V.	2		23.13	3.64	3.64
16	Hoogovens Gan Multimedia S.A. De C.V.	2	The operations of the companies are not significant and hence are immaterial for consolidation	-	-	-
17	ISSB Limited	2	#	-	-	-
18	Wupperman Staal Nederland B.V.	2		127.90	5.17	12.06
19	Fabsec Limited	2	#	-	-	-
20	9336-0634 Quebec Inc	1	&	-	-	-

1 Controls more than 20% of the total share capital

2 Controls more than 20% of the total share capital and has significant influence over operational and financial decision making

3 Insignificant influence on the financial and operating policy decisions

4 More than 50% stake, instead considered as joint venture as there is less significant influence over the control of the entity.

5 Under the Ind AS regime, subsidiary of an associate/joint venture is also an associate/joint venture of the holding company.

The operations of the companies are not significant and hence are immaterial for consolidation

* Closing rate as on March 31,2023 has been considered for calculation

** Companies are in liquidation

\$ Under amalgamation

Partnership without Share capital

*** Not consolidated, as the investment value is impaired

& Financial information are not available

\$\$ Represents value less than Rs 1 lakh

@ Tata Steel BSL Limited (TSBSL) (earlier known as Bhushan Steel Limited), an erstwhile subsidiary (acquired through the corporate insolvency resolution process) which amalgamated with the Company during the year ended March, 2022 was being identified as the promoter of Jawahar Credits Holdings Private Limited (JCHPL) and Bhushan Capital & Credit Services Private Limited (BCCSPL). These entities were connected to the previous management of erstwhile TSBSL, before acquisition of TSBSL by the Company (through Bamnipal Steel Limited) in May 2018. TSBSL had written to JCHPL, BCCSPL and the Registrar of Companies (National Capital Territory of Delhi & Haryana) intimating that TSBSL should not be identified as promoter of these two companies; accordingly, legally, neither erstwhile TSBSL nor the Company had any visibility or control over the operations of these two companies nor currently exercises any influence on these entities.

Note: During the financial year ended March 31,2023 S&T Mining Company Limited was reclassified as a subsidiary from joint venture

For and on behalf of the Board of Directors

sd/-
N. Chandrasekaran
Chairman
DIN: 00121863

sd/-
Noel Naval Tata
Vice-Chairman
DIN:00024713

sd/-
O. P. Bhatt
Independent Director
DIN:00548091

sd/-
Deepak Kapoor
Independent Director
DIN:00162957

sd/-

Farida Khambata
Independent Director
DIN:06954123

sd/-
V. K. Sharma
Independent Director
DIN:02449088

sd/-
Bharti Gupta Ramola
Independent Director
DIN:00356188

sd/-
Saurabh Agrawal
Non-Executive Director
DIN:02144558

sd/-
T.V. Narendran
Chief Executive Officer & Managing Director
DIN:03083605

sd/-
Koushik Chatterjee
Executive Director & Chief Financial Officer
DIN:00004989

sd/-
Parvatheesam Kanchinadham
Company Secretary & Chief Legal Officer
(Corporate & Compliance)
ACS: 15921

Mumbai
May 2, 2023

ANNEXURE 6

Companies that have become/ceased to be Company's Subsidiaries or Associate Companies (including Joint Venture Companies)

The names of companies which have become Subsidiaries or Associate Companies (including Joint Venture Companies) during FY2022-23:

Sl. No.	Name of the Company
	Subsidiary
1.	Rohit Ferro-Tech Limited (a)
2.	Tata Steel TABB Limited
3.	Neelachal Ispat Nigam Limited
4.	S & T Mining Company Limited (b)

The names of companies which have ceased to become Subsidiaries or Associate Companies (including Joint Venture Companies) during FY2022-23:

Sl. No.	Name of the Company
	Subsidiary
1.	British Steel Service Centres Limited
2.	DSRM Group Limited
3.	Europressings Limited
4.	02727547 Limited (Formerly known as Firsteel Holdings Limited)
5.	Lister Tubes Limited
6.	Precoat International Limited
7.	Precoat Limited
8.	Stewarts & Lloyds of Ireland Limited
9.	The Templeborough Rolling Mills Limited
10.	Toronto Industrial Fabrications Limited
11.	Walkersteelstock Ireland Limited
12.	Westwood Steel Services Limited
13.	Tata Steel France Batiment et Systemes SAS
14.	TSIL Energy Limited
15.	Rohit Ferro-Tech Limited (a)
16.	NatSteel Asia Pte. Ltd.
17.	TS Asia (Hong Kong) Limited
18.	Blastmega Limited
19.	Corus Engineering Steels Holdings Limited
20.	Grant Lyon Eagre Limited
21.	Hammermega Limited
22.	Plated Strip (International) Limited
23.	Runmega Limited
24.	Stewarts And Lloyds (Overseas) Limited
25.	U.E.S. Bright Bar Limited
26.	Bowen Consolidated Pty Ltd
27.	Eastern Steel Fabricators Philippines, Inc.
Sl. No.	Name of the Company
	Joint Venture
1.	S & T Mining Company Limited (b)

Notes:

(a) During FY2022-23, the Company acquired Rohit-Ferro Tech Limited (RFT') through its unlisted subsidiary, Tata Steel Mining Limited

('TSML'), on April 11, 2022. RFT was amalgamated into and with TSML effective July 7, 2022.

(b) During FY2022-23, S & T Mining Company Limited was re-classified as a Subsidiary of the Company from being a Joint Venture.

On behalf of the Board of Directors

sd/-
N. CHANDRASEKARAN
Chairman
DIN: 00121863

Mumbai
May 2, 2023

Annexure [7] to Directors Report is disclosed separately in the "Disclosure in secretarial audit report explanatory [Text Block]" in XBRL document.

ANNEXURE 8

Particulars of Loans, Guarantees or Investments

(Pursuant to Section 186 of the Companies Act, 2013)

Amount Outstanding as on March 31, 2023

	(Rs. crore)
	Amount
Loans Given	35,970.29
Guarantees Given	10,848.37
Investments Made	44,138.90

Loans, Guarantees given or Investments made during FY2022-23

Name of the Entity	Relation	Amount (Rs.) crore	Particulars of Loans, Guarantees given or Investments made	Purpose for which the Loans, Guarantees given or Investments are proposed to be utilised
Neelachal Ispat Nigam Limited	Subsidiary	396.69	Investments in Equity Shares	Business Purpose
S & T Mining Company Limited [^]	Subsidiary	0.00	Investments in Equity Shares	Business Purpose
Tata Steel Advanced Materials Limited	Subsidiary	72.02	Investments in Equity Shares	Business Purpose
Tata Steel Downstream Products Limited	Subsidiary	10.00	Investments in Equity Shares	Business Purpose
Tata Steel Mining Limited	Subsidiary	699.07	Investments in Equity Shares	Business Purpose
Tata Steel Utilities and Infrastructure Services Limited	Subsidiary	68.00	Investments in Equity Shares	Business Purpose

Creative Port Development Private Limited	Subsidiary	48.00	Investments in Optionally Convertible Redeemable Preference Shares	Business Purpose
TRF Limited	Associate	25.00	Investments in Optionally Convertible Redeemable Preference Shares	Business Purpose
TRF Limited	Associate	239.00	Investments in Non-convertible Redeemable Preference Shares	Business Purpose
Bhubaneswar Power Pvt. Ltd.*	Subsidiary	1.45	Loan	Business Purpose
Tata Steel Downstream Products Limited#	Subsidiary	558.70	Loan	Business Purpose
Tata Steel Mining Limited	Subsidiary	681.00	Loan	Business Purpose

^Represents value less than Rs.0.01 crore

*Represents loans given and repaid during the year ended March 31, 2023

#Includes loans amounting to Rs.236.40 crore repaid during the year ended March 31, 2023

Advance against equity made during the FY2022-23

		(Rs. crore)
Name of the Entity	Relation	Amount
Angul Sukinda Railway Limited	Others	50.00

Notes:

(i) During the year ended March 31, 2023, the Company transferred its entire stake held in NatSteel Asia Pte. Ltd. to T Steel Holdings Pte. Ltd. ('TSH'), a wholly-owned subsidiary of the Company, for cash consideration of Rs.1,112.42 crore.

(ii) During the year ended March 31, 2023, the Company has recognised a net impairment loss of Rs.1,056.39 crore and net fair value gain of Rs.30.99 crore with respect to investments held in its affiliates. The impairment of Rs.1,056.39 crore relates to provision for impairment of investment of Rs.1,170.00 crore in T Steel Holdings Pte. Ltd. and Rs.112.39 crore in TRF Limited, net of reversal of Rs.126.00 crore for investments in NatSteel Asia Limited and Rs.100 crore for loan provided to TRF Limited.

Net fair value gain represents a gain of Rs.30.99 crore on preference shares investments held in TRF Limited and Angul Sukinda Railway Limited.

On behalf of the Board of Directors

sd/-
N. CHANDRASEKARAN
Chairman
DIN: 00121863

Mumbai
May 2, 2023

ANNEXURE 9

Particulars of Energy Conservation, Technology Absorption and Foreign Exchange Earnings and Outgo

[Pursuant to Companies (Accounts) Rules, 2014]

(A) CONSERVATION OF ENERGY

(i) Steps taken or impact on conservation of energy:

Jamshedpur

SN	Achievements	Key Enablers
1.	Achieved lowest ever plant Specific Energy Consumption of 5.314 GCal/tcs.	• Digital predictive model developed and deployed for CO gas generation from coke plant.
2.	Achieved highest ever LD Gas recovery of 105,089 Nm ³ /hr.	• Arrangements done to increase LD Gas utilisation by injecting in TSCR Gas mixing station.
3.	Achieved by-product gas utilisation of 97.48%	• LD Gas recovery improvement from LD1 by enhancing the reliability of LD1 gas recovery system.
4.	Achieved highest ever inhouse Power generation of 276.58 MW by utilising by-product in-house gases and through waste heat recovery.	• Launched an idea generation campaign across Tata Steel India focusing on spreading awareness and enhancing sensitisation regarding energy conservation.
5.	Achieved lowest ever Argon cost of 930 Rs. /T	
6.	Achieved low-pressure process steam consumption of 319.48 tonnes/hour	
7.	Lowest ever specific water consumption of 1.97 m ³ /tcs recorded.	
8.	Lowest ever freshwater intake 12.67 MGD.	
9.	Highest ever CETP production of 5.15 MGD.	

Kalinganagar

SN	Achievements	Key Enablers
1.	Reduction in Specific consumption of Clarified water from .081 m ³ /t in FY2022 to .060 m ³ /t in FY2023 due to magnetic treatment of water at sinter plant.	• Safety enhancement in liquid propane unloading procedure by replacing the hoses with a fully articulated and self-supported hard arm system.
2.	Reduction in Gaseous Fuel Rate from 15.63 G Cal/t in FY2022 to 14.14 G Cal/t in FY2023 due to effective coating.	• Automatic Tube Cleaning System successfully introduced for cleaning the condensers at the Chiller Plants. This method is eco-friendly, saves up to 30% energy (as compared to conventional cleaning procedure) and reduces corrosion failures.
3.	Reduction in Coke Rate from 358 kg/thm in FY2022 to 347 kg/thm in FY2023.	• VFD installation and commissioning done successfully for Aeration blower-D in BOD area in order to save the power consumption and reduce the standard deviation of Dissolved oxygen.
4.	Reduction in Fuel rate from 537 kg/thm in FY2022 to 529kg/thm in FY2023.	
5.	Increase in TRT power generation to 110354 MWh (Increase of 6% over FY2022).	

6.	Best ever average cycles of concentration ('COC') in main cooling tower achieved at 8.81 in FY2023 against previous best of 7.97 in FY2022. Higher the COC, lower the make-up water consumption in cooling tower.	
7.	Reduction in specific heat consumption of 705 Kcal/kg of dry coal in FY2023 against FY2022 consumption of 718 Kcal/kg of dry coal. Monthly best ever of 620 Kcal/kg of dry coal in the month of March 2023.	
8.	Reduction in make water consumption to BOD plant by replacement of makeup water to BOD treated water line. Average per day make up water consumption in BOD area in FY2023: 20 m3/day against FY2022 average consumption at 160 m3/day.	
9.	Annual average Coke Oven Gas quality properties were best ever at 208 mg/Nm3 H2S against the previous best of 228 mg/Nm3 during FY2022 (lower the better, this gas is used as fuel throughout the plant, cleaner gas helps in improving the combustion efficiency)	
10.	Increase in LD gas recovery from 62.62% in FY2022 to 78.73% in FY2023 by elimination of chronic process interruptions.	

Meramandali

SN	Achievements	Key Enablers
1.	Increase in hot blast temperature at Blast Furnace (BF)-1 from 1103Deg C (FY2022 Avg.) to 1137Deg C Without Waste Heat Recovery System in line	• Change in air to fuel ratio from 0.75 to 0.82 and reduction of stove incubation period time from 12 minutes to 4 minutes
2.	Reduction in coke moisture during wet quenching up to 4.5% at Coke Oven-2	• Increased Coke Retention Time and Step Quenching
3.	Increase in Pulverised Coal Injection (PCI) Rate at BF-2 from 157 to 175 Kg/Thm.	• Additional PCI system introduced for increasing the PCI rate
4.	Improvement in Coke Reactivity Index at Coke Oven-1 by 1%	• Availability of Desired Coal and avoid Contamination/mixing.
5.	Increased Coke Dry Quenching (CDQ) -2 Pushing at Coke Oven-2 from 64 Per Day in FY2022 To 72 Per Day in FY2023 (Avg.)	• Increased in Oven Availability and consistency in pushing and improvement in Heating System
6.	Revival & Commissioning of LD Gas Holder for utilisation of LD gas	• Support from OEM experts for rectification of seal
7.	Reduction of power by optimising no of Operating Compressor at Central Compressor House.	• Interconnection of compressed air line between Centralised Compressor House & BFPP-2 Ash Handling Compressor House
8.	Utilisation of unused flash steam at Blast Furnace Power Plant #2 (BFPP-2).	• Steam Line design modification at 60 TPH & 125 TPH Boiler.
9.	Reduction of Oxygen Venting from 4% to 2.7%.	• Pressure set point optimisation of Oxygen Horton sphere vessel and Commissioning of 2*250Cum Buffer Vessel
10.	Replacement of Energy Efficient motor in place of IE1 Motor (25 Nos) at RMHS for Reduction in power consumption	• Procurement & Replacement.

(ii) Steps taken by the Company for utilising alternate sources of Energy:

- Projects on Power generation from solar and non-conventional energy source gained momentum.
- 28 MW generation capacity through solar power source is in the pipeline.
- Project on Central LDC is in progress, targeted to reduce DISCOM drawl (by ~07 MW).
- Project on installation of 'Energy recovery Micro Turbine' to recover throttling loss in steam pressure are in progress at

PH#3, PH#4, and PH#5, G,H,I BF and BPP, TSJ

- Project on retrofitting of existing cooling tower with S.M.A.R.T. system using predictive control strategy, feasibility work in progress for CRM cooling towers.
- Power wheeling across TSL locations to maximise power utilisation from captive units
- Successfully commissioned a solar farm of 1MW capacity at the Raw Water Treatment Plant.
- Utilisation of by product gas-conversion of coal fired boiler to dual fire at Angul Energy Limited is under Progress.
- Initiated of feasibility study for utilisation of natural gases at TSM.
- Power generation by using of microturbine at BFPP-2 is under Progress.
- CDQ-1 installation at Coke oven-1 is under progress.

(iii) Capital investment on energy conservation equipment:

S. No.	Particulars	Rs. crore
	Jamshedpur	
1	LD Gas injection in TSCR Gas Mixing Station	0.94
2	Micro turbines at G, H, I BF, TSJ	4.78
3	Micro turbines at BPP, TSJ	3.39
	Meramandali	
4	Revamping of Energy Management Centre at Meramandali	0.7

(B) Technology Absorption

1. Efforts made towards technology absorption

(i) Projects under Research and Development and Digital initiatives

Jamshedpur

Project title	Benefits
Jamshedpur	

Reduction in coke moisture by super absorbent polymer	Super absorbent polymers have high moisture absorption and retention capacity. Therefore, a methodology is developed at a lab scale and implemented at several locations. This method proved in reduction of 15-20 kg coke rate, and 40-45 kg CO ₂ emissions per tonne of hot metal production.
Metal Chalcogenide generators to generate green electricity	Thermoelectric generators produce electricity due to Seebeck effect, where an electric potential is generated due to a thermal gradient across 2 surfaces. The present system produces 1 Kilo Watt Hour of green electricity.
Increasing hydrocyclone yield at a wet plant by improving the dewatering screen efficiency.	At wet plant, hydrocyclone underflow product is dewatered through high frequency dewatering screen having conventional 2D panels. R&D is working towards introducing 3D screen panels in place of 2D panels based on encouraging results as obtained from DEM simulation and Demo scale trials at plant site.
Throughput improvement of a Washery by improving Concentrate thickener operation by new design feed well	R&D has taken up a project to improve fine clean coal yield and throughput by improving the fine clean coal thickener performance of a Washery at mine site. Studies suggested that an improved feeding arrangement through new feed well design will enhance the reagent-particle and particle-particle interactions and lesser air entrainment.
Innovative Pulse iron ore sintering	TSL R&D has developed an innovative technology in iron ore sintering called "Pulse Sintering". Unlike conventional sintering process where the suction in the sinter bed is continuously downdraft, in pulse sintering, pulsating action in the suction wind boxes creates back pressure and thereby broadens the fame front and increases sinter heating index by improving heat transfer rate of flowing gas. This concept was successfully implemented in sinter plant.
Enhancement of iron ore grinding process in ball mills thru surface charge modifiers	To improve the grinding of iron ore during ball milling, a polymer-based surface charge modifier has been established and implemented in pellet plant by R&D. Neutralised surface charges on the ore particles during grinding improves particle breakage leading to increase in ball mill thruput and drop in rejects. An improvement of 2.7% in ball mill thruput was observed during plant trials at pellet plant.
Sacrificial anode	A High phosphorus pig iron (HPPI) based sacrificial anode has been developed. This sacrificial anode is useful for enhancing the life of metallic structures inside sea, soil and concrete. The pilot trial has been successfully done and product is ready to be explored on a commercial scale.
Antimicrobial coating	Polymer coated steel sheet is primary product for white good sector, appliances and construction application. The antiviral paints were developed at lab scale complying to the JIS Z 2801 and ISO21702 standards. The antiviral product reduces the secondary transmission of virus & bacterial therefore, it is healthy to use for the in-house applications in house/community centres/hospitals/schools/railway station/airport.
Mesh seam welding	A mathematical model to map the weldability lobe for resistance mash seam welding of high strength and high thickness grade was developed by R&D team. Time-temperature profile during mesh seam welding provides online assessment of weld quality and prevents coil breakage in line.
Development of hot rolled complex steel with minimum UTS of 780 MPa	The project aims at developing a hot rolled complex phase steel, consisting of different phases like bainite, ferrite and martensite. This steel grade is suitable for manufacturing various automotive components. The advantage of this grade is an excellent combination of strength, toughness and flanging property. The in-house development of this advanced high strength steel grade comprises various steps, such as alloy design, laboratory scale heat making, thermomechanical simulation and pilot scale hot rolling in laboratory.

Kalinganagar

Raw Material Handling System & Logistics Operation

Project title	Benefits
Robot Operation In wagon tippler	Elimination of MMI during coupling and decoupling activity.
Modification of CHP HMI mapping of all	By mapping of the Coal stockpiles in HMI resulted in elimination of mixing of different

the piles in yard	grades of material due to human error.
Productivity enhancement of Conveyor through effective Braking	By measuring and setting up the conveyor stoppage time in sync with preceding and succeeding conveyor which eliminated jamming in conveyor circuits.
Enhanced reliability of Moving equipment through installation of Drag Chain	This system will eliminate the failure of composite cable along with risk of electrocution.

Sinter Plant

Project title	Benefits
Lime fines visibility dashboard to improve sinter productivity	Central visibility dashboard to track the real time movement of lime fines to maintain a healthy stock to maintain sinter production levels.
Auto surge bin control loop at tsk sinter plant	This control will minimise the interruptions in green mix circuit having a positive impact on life of equipment. Also, it will help in consistency of operations reducing the variations in quality.
Installation & commissioning of online FeO analyser to improve quality and reduce coke consumption at tsk sinter plant.	We are able to monitor real time FeO% in product sinter then Coke trimming can be optimised in real time as per the dynamic value of FeO% in product Sinter.

Coke Plant

Project title	Benefits
• Automation of Ammonia stripper top temperature done with external steam flow. • Installation and commissioning of automatic foam type fire extinguishing system for coal tar tanks.	This will improve safety and better process control at CP By-product plant
Deploying drones at coal yard by to capture tonnage of coal and linking it with its corresponding properties.	This will improve better inventory management and also reduce coal mix-up probability

Steel Melting Shop (Data warehouse/Digital)

Project title	Benefits
Successful implementation of Desulphurisation Advanced analytics model	This will reduce desulphurising reagent consumption
Successful implementation of Heat weight model	This will increase cast weight by 2 T/heat
Adaptive ferro-alloy model developed	This will lead to better product mix and process efficiency
Development of superheat model for Ladle Furnace	This will improve steelmaking process control and stability

Hot Strip Mill (Digital)

Project title	Benefits
Soft Sensor for width Measurement	Data Analytics Model has been implemented for predicting product width to avoid rolling stoppage in case of unavailability of width measurement device after finishing mill
Auto Coil Decision System	Auto Coil Decision System has been implemented to reduce quality decision cycle time. Automatic decision is taken based on dimensional measurement, chemistry, lab testing & inspection results
3D View of Yard Management system	Improved visualisation and control of Coil Yard management system through 3D view mapping

Utilities

Project title	Benefits
10 Tons per Day Waste-to-Energy ARC-Cat-Polycrack technology-based plant (under construction)	The plant shall primarily generate syn gas (CO+H ₂) along with mixed gas, oil and biochar from carbonaceous waste in a cost-effective and eco-friendly manner.

Meramandali

Blast Furnace 1 & Blast Furnace 2

Project title	Benefits
BF level 2 system is developed based on first principles of physical laws of BF process and operation practices. The system consists of the following mathematical models:	It calculates the optimum burden recipe required to achieve the desired hot metal and slag chemistry using the raw material analysis and adopting the typical mass balance principles. It generates the set points of raw materials that are transferred automatically with minimum operator's intervention.
a) Burden Calculation Model	
b) Stock House Matrix editor	
c) Shaft Simulator	
d) Lab Browser	
e) Water Ingress Model	
f) Liquid Level Monitoring System	
Torpedo Ladle Tracking System was implemented in Hot Metal Logistics area using RF technology and IoT sensors.	Auto weighment of hot metals is captured, on-line tracking of torpedoes help hot logistics team to assign torpedoes to blast furnaces and upstaging to higher level system for further process analysis and data analytics projects.

Coke Plant 1 & Coke Plant 2

Project title	Benefits
Coke oven Level 2 systems brings high regularity in oven operations, consistency in coke quality and eliminates human coordination in operating the oven machines. The system consists of the following functions.	This system helps to improve the consistency of operations of the battery by the help of computer-generated pushing/ charging schedules. Computerised heating control improves the standard deviation of the coke mass temperature and therefore ensures consistent coke quality. This system provides for comprehensive data analysis and report generation, which help in overall efficient operations.
• Dynamic Scheduling for Oven	
• Machine group management	
• Heating control	

Sinter Plant

Project title	Benefits
Level-2 system consisting of process models like Sintering temperature simulation model, Stack PM prediction model, Decision support system (recommendations model) and Alert systems- real time alerts on key parameters in case of any abnormality was implemented in Sinter Plant-2 and Sinter Plant-3.	Provides real process visualisation of the Sinter plant and in turn assists the operation with better optimisation and control facilities. The prediction and simulation models of the level II system guides the operators to take early corrective actions for process control.

Maintenance Technology Roadmap (MTR)

Project title	Benefits
Maintenance Transformation was enabled for predictive maintenance under MTR.	Reduction in unplanned & planned downtime & achieve benchmark OEE. Early decision to user regarding Sensor Health, Abnormality, and failure. Optimise maintenance cost and resources. Perform real time monitoring & raise fags by predicting critical events.
Track1: End to end predictive maintenance was developed using Conventional Sensor's and in House Machine Learning Model were deployed for BOF Primary ID Fan and Secondary ID Fan, Sinter Plant Waste Gas Fan, Conarc Secondary ID Fan, LF3 Booster Fan, BF2 MB Belts Motor and Conveyor Driving System.	
Track 2: Predictive maintenance was implemented using OEM SMART (Vibration & Temperature) sensors for rotating equipment having no conventional sensors. 268 IOT Based smart sensor's installed in BF1, BF2, SMS and HSM.	

Lime Plant:

Project title	Benefits
Lime Plant Level-2 - The following was implemented as part of Lime Plant Level-2:	Improvement in lime quality, transparency (single version of truth) leading to increase in agility in decision making, reduction in quality deterioration of product lime, System based decision over tacit knowledge and standardised operation (independent of operator) and increase in Kiln availability.
• Data acquisition and centralised historisation: A system to historise real time process parameters for better visualisation and analysis of the process.	
• Visualisation of process and operational Data: Process visualisation and parameter trends to all stakeholders for better decision making.	
• A setup to deploy process models: Scope of process optimisation through model deployments.	
• Kiln operation in Closed loop control mode: Operation of kiln using Optimised set points in semi-automatic mode through level#2	

Steel Melting Shop (SMS)

Project title	Benefits
SMS Control Tower Phase1 - SMS Control Tower main dashboard has been developed which gives real time, to the scale visualisation of process and equipment at SMS shop. SMS Shop have eighteen (18) process units (BOF, Conarc, slab casters, LF, RH etc.) and thirty-nine (39) mobile equipment (ladle transfer cars, overhead cranes, slag pot carriers etc). Status of process units and mobile equipment changes every minute which leads to dynamic constrain. Shift planner faces challenge in managing such a complex combination of process and equipment for optimum production leading to loss of production due to unavailability of logistic. Realtime to the scale visualisation of all process and equipment gives shift planner bird eye for optimising equipment availability to have maximum production.	Increase in production and decrease in delay due to logistic issue.
Torpedo Level 2 system – It implements new heat id concept in hot metal area. Blast furnace heat id and torpedo information is linked with SMS batch id using this system. The system enables representative hot metal analysis and temperature being available to BOF and Conarc for optimum process control. It works as	Reduction in flux consumption at BOF and Conarc. Increase in

basic infrastructure for further implementation of BOF/Conarc level-2.	transparency and reduction in phone calls.
Quality Evaluation System (QES) -The system provides automated slab decision and visualisation of slab-wise abnormalities	To prevent manual mistakes while giving slab decision with adequate system check.
The system has following feature.	Faster and automated quality decision.
<ul style="list-style-type: none"> • Online visualisation screen for the slab quality inside the casting strand. 	Online visualisation screen available for QA team for slab decision to see each slabs abnormalities and for big data analytics.
<ul style="list-style-type: none"> • Historisation of product abnormalities for future analysis (Customer complaint investigation, through process analysis etc.) 	
<ul style="list-style-type: none"> • Automated quality decision based on process charts. 	
<ul style="list-style-type: none"> • Suggestion for alternate grade in case of exception. 	

Hot Strip Mill

Project title	Benefits
Integrated Quality Management System (IQMS) at HSM - It provides Coil Quality Decision and visualisation of Coil-wise abnormalities.	<ul style="list-style-type: none"> • Online visualisation screen available for QA team for Coil Decision.
The system has following feature:	<ul style="list-style-type: none"> • Quicker Decision.
<ul style="list-style-type: none"> • It has integrated platform for PDI, PDO data and capture process parameter data for real-time data visualisation. 	<ul style="list-style-type: none"> • Coil Quality assurance.
<ul style="list-style-type: none"> • Online Visualisation screen for the Coil Quality Decision. 	<ul style="list-style-type: none"> • Coil abnormalities and defect analysis
<ul style="list-style-type: none"> • Automated quality decision based on TDC parameter. 	
<ul style="list-style-type: none"> • Historisation of product abnormalities for future analysis (Customer complaint investigation, Through process analysis etc.) 	

Cold Rolling Mill

Project title	Benefits
Reversing Mill-3 level-2 system at Sahibabad has been implemented with help of OEM (MS Primetal). Rolling through level-2 has been enabled. Integration with MES has been done.	Better process control coil defect analysis

(ii) Process Improvement Raw Material Division Ferro Alloys

- Reduction of ferrochrome production cost by introducing low-cost carbon composite briquette:

To tap the cheaper reductant source and utilise in Ferrochrome making process, an innovative approach is developed to utilise the coke fines. In this process, composite briquette is prepared with coke fines and chrome ore mix and utilise into the submerged arc furnace in Ferrochrome making process. Through this approach sized coke requirement is reduced substantially and as a result the cost of production has come down.

- Convert low value FeCr fines into prime lump product through induction melting:

Ferrochrome is sold according to the size grading specifications of users. Due to this lots of undesirable fines are generated during size reduction process. An induction furnace melting process of FeCr fines has developed, through this route FeCr fines can be melted and converted back to prime lump product easily which will help Ferrochrome makers to recover the full value of its product.

Mining Technology

- Identification of Eccentric Ripper Technology as an alternate Blast free mining solution for Extraction of overburden at West Bokaro:

Trial is in progress to establish techno-commercial feasibility & decision on way forward.

- Novel mining approach proposed for extraction of friable chrome ore (~20 million Ton) below ultimate pit limit at

Sukinda:

Feasibility study is completed & Techno-commercial feasibility is established. Decision on way forward is in progress.

Ore Beneficiation

- Technology development to upgrade sub grade iron ore (45%

To be a leader in the Raw material technology area, Process Technology Group is exploring innovative approaches to upgrade sub-grade to make it usable for downstream process. In this regard, two non-conventional techniques were identified, namely reduction roasting and ultra high dense media separation. Lab studies for captive ore have been completed and achieved encouraging result, pilot scale study will be carried out for validation of test work result. These technologies will help Tata steel to set a direction for forthcoming Iron ore mines auction in FY2030.

Coal Beneficiation

- Performance Improvement of Reflux Classifier (RC) at JCPP:

RC clean coal ash reduced from 24.4% to 22.5% by optimisation of classifying cyclone operating parameters (pulp

density & feed pressure) along with implementation of preventive measures.

- Real time performance monitoring of DMC using Electrical Impedance Spectroscopy (EIS):

EIS Installed for one stream of Dense Media Cyclone (DMC) of Washery#3 in Dec'22, which eliminates traditional way of monitoring media density comprising manual collection & analysis of samples – time consuming & a costly affair.

Upon implementation in all four streams, this will have a potential impact of 0.2% on overall yield of the washery#3.

- Beneficiation of Intermediate Size Fraction using

Fine DMC:

To produce low ash clean coal, fine DMC Pilot Test work was carried out at PESCO lab, South Africa. Targeted clean coal ash of 13% was achieved at the yield of 55%.

Jamshedpur

Agglomeration

- A cold bonded agglomerate consisting of Fe bearing in house generated waste material is used in blast furnaces, resulting in carbon rate reduction of 1.5 kg/ thm with 1% addition in Blast furnace burden.

Coke Making

- Coke Yield Improvement at Coke Dry Quenching system:

Of the several reactions that occur during CDQ, the reaction of CO₂ with Carbon leads to weakening of the coke structure and thus, adversely affecting its CSR and coke yield. Based on this theory, researchers found that by optimising the CO and CO₂ % in the circulating gas led to improvement in coke yield and coke CSR. A trial was conducted at Battery 10,11 wherein CDQ 10-11 was operated at optimised CO%. During trial, there was improvement in coke yield by 0.2-0.3% and now this has been implemented at Battery 10 -11.

Blast Furnace

- Enhance sinter fines usage at HBF by 1%:

Implemented 4mm sinter fines material at HBF stock house on Nov'22. Its enabling generation of coarser sinter return fines that can be charged in BF and as a result HBF has increased its utilisation. Due to 1% higher agglomerate in burden coke rate dropped by 1.5 kg/thm at BF"

Process visibility

- Improved sensorisation at sinter plant:

To monitor difficult to measure parameters like bed heating uniformity in sinter bed, a thermal imaging-based sensor has been installed in at the discharge end. Heating non uniformity index is developed and correlating with upstream parameters are being explored.

Kalinganagar:

Sinter Plant

- Achieved Best ever Annual average BF return fines of 13.77. (Previous best was 14% in FY2022).
- 100 KT Sinter was dispatched to NINL while managing Sinter Plant MSD and monsoon.
- Maintained 77% burden with 427 KT higher production than ABP partially replacing procured pellet and reduced moisture load during monsoon.
- Buffer stock maintained at 100 KT (quickly recovered post monsoon).
- Benchmark MTTR for replacing DCTC.
- 97.98% RDI compliance.

- Uninterrupted sinter supply during 6 days standalone MSD.

Steel Meting Shop

- Achieved best scrap consumption of 9.2% in FY2023 surpassing previous best of 7.7% in FY2022 enabling reduced carbon footprint.
- Successful casting of 1.2%, 2.4%, and 3.35% Si Electrical steel.
- Lowest ever annual flux consumption of 83 Kg/ TCS achieved with best monthly consumption of 79.3 Kg/TCS.
- Achieved highest ever average heat size of 305.2 T/heat in FY2023.
- Segregation of Converter#1 tilt field devices by installation of separate RIO to avoid downtime of both Converters in case of any mishaps.
- Installation of Linear Heat Sensing cable system in LC#18 conveyor to avoid major damage due to fire in conveyor line.
- Positioning of RH transfer car using laser sensor instead of limit switches.
- Implementation of control stop in LF transfer car.
- Installation and commissioning of redundant turret drive.
- Reliability improvement of converter skirt PLC for easy troubleshooting.
- Upgradation of server at HMDS, Converter, and RH.
- Installation and commissioning of tundish anti-tilting to prevent unequal submergence of SEN in mould thereby increasing SEN life.
- Installation of sensors for slab width measurement.
- Risk reduction from R2 to R4 risk scenario by installation and commissioning of auto-flushing system in converter fare stack COG line.
- 1st in India, IBOS (Improved Bottom Optimised Solution) – Precast block for Steel Ladle bottom has been installed to reduce metal return.
- Lowest ever internal rejection in FY2023 0.06% against ABP target of 0.30%.
- 1st time achievement of ultra- low Carbon 5ppm in IF grade.
- Longest Tundish sequence length of 739 heats (2,26,810 tons) cast in February 2023 surpassing previous best of 538 heats (1,63,844 tons) in January 2023.

Hot Strip Mill

- Successfully rolled 300Kt+ TSM Slabs through synergy initiatives.
- Improvement of gross yield from 98.21% in FY2022 to 98.22% in FY2023 through daily management.
- Successfully rolled Electrical Steel up to 2.4% Silicon.

- Achieved Width Performance (97.3%) among the entire product mix through improvement in width control model.
- Consistent supply of API grades rolling with superior quality (for nation building-City Gas Project, CGP) with respect to surface, shape & mechanical properties. Produced 200 KT+ API grade steel in FY2023 with API X70 as major share

(63%) in it.

(iii) Product Development

Jamshedpur

- Cr-free secondary coated GA fuel tanks of Bharat Stage VI (BS-VI) compliant two-wheelers.
- High strength, high ductility 6mm air cooled rebars with superior weld shear strength for welded wire mesh.
- Grade Fe 550D CRS rebar to cater to the requirement of high strength corrosion resistant rebar.
- Grade HC58A wire rod addressing customer requirement of high-speed direct drawing wire rod.
- Grade HC78BX wire rod was developed for rope application.
- C80 HR with improved cold rollability.

Kalinganagar

Following Grades were developed in FY2023:

- S355MC (impact guarantee at -48 degree Celsius):

Developed HR steel for arctic region transformer cover.

It is a first in India product.

- HS900: Developed and successfully tried out for bulk trailer application. This resulted in 550 kg of weight saving per trailer. It is a first in India product.

- SPFH590 (100% HER Min.): Developed for JBM (for Suzuki, Gujarat). Component trial successful in the first attempt itself. It is a first in India product.

- SPFH 590 (low Si): To improve the surface finish for wheel disc application, grade with low silicon was developed.

- X42 (Sour): For API sour service.

- X65 (low Moly): A low-cost version of X65 was developed for API non sour application

- S355J2 (low Si): HR developed for export structural tubes application with improved surface finish.

- 0.6%, 1.2% CRNO Electrical Steel: Developed 2.5mm thick sheets for Posco and Surahammer.
- SPFH540 (Mn / Si) for Kalyani Maxion Wheels: Developed for wheel rim of LCV.
- IRS Grade A: Developed 5 to 20mm thick sheets for various ship builders.
- 16MnCr5, SCM435, 15Cr3 for Tubes Products of India: Developed these alloy steels for application in Sprocket and Chain components.

Meramandali

- ASTM A 572 - Gr 50 Type 1 (8 to 12 mm): Developed for Pre-Engineered Building segment
- E46: Developed for Heavy Commercial Vehicle chassis
- YST38: Developed for Commercial Vehicle wheel disc
- EN 10025 S235+AR J2 (5 to 12 mm): Developed for Exports market for structural application
- EN 10025 S275+AR J2 (5 to 12 mm): Developed for Exports market for structural application
- Fe330: Developed for Brake Back plate application
- JIS G3113 SAPH370: Developed for Car wheel application
- Grade A CF: Developed for Wheel disc and brake component

2. Benefits derived from key projects like product improvement, cost reduction, product development or import

substitution:

Project title	Benefits derived
Jamshedpur	
Rolling of Fe550SD at high-speed using lean chemistry	Less diversions with consistent billet quality. Expected savings of Rs.22.5 crore in FY2023
Developing TSCR as an alternate route for Steelium Coil production instead of HSM	Savings of Rs.3.68 crore in FY2023
Use of coated sink roll to extend campaign length in GA (GA Skin) Campaign	Savings of Rs.0.66 crore in FY2023
Developing heat optimisation model for tunnel furnace in LD#3 TSCR	Gas consumption savings of Rs.3 crore in FY2023

3. Information regarding imported technology (last three years):

S. No.	Technology Imported	Financial year of Import	Status
	Jamshedpur		
1	Electro Magnetic Brake (Phase-2)	2020 - 21	Commissioned

2	Electro Vessel 2 Trunion and Guide System (Part of LD#2 Converter Scheme)	2020 - 21	Commissioned
3	Granshot	2021 - 22	Commissioned
4	Surface inspection system at PLTCM	2021 - 22	Commissioned
5	Revamping of ARP 1, 2 ar TSJ CRM	2021 - 22	Commissioned
6	Revamping of ARP at CRM Bara	2021 - 22	Commissioned
7	Extrusion briquetting machine for plant reverts	2022 - 23	Yet to be commissioned
	Kalinganagar		
8	2nd Barrel Reclaimer (Make: TAKRAF Tenova) in RMBB Sinter Plant	2019-20	Commissioned

4. Expenditure on Research & Development (R&D)

	(Rs. crore)
(a) Capital	4.27
(b) Recurring	270.65
(c) Total	274.92
(d) Total R&D expenditure as a % of Total Turnover	0.21%

(C) Foreign Exchange Earnings and Outgo

		(Rs. crore)
	FY2022-23	FY 2021-22
Foreign Exchange Earnings	8,612.98	17,187.78
Value of direct imports (C.I.F. Value)	42,522.99	29,071.56
Expenditure in foreign currency	799.51	505.33

On behalf of the Board of Directors

sd/-
N. CHANDRASEKARAN
Chairman
DIN: 00121863

May 2, 2023
Mumbai

Textual information (2)

Description of state of companies affair

Operations and Performance

1. Tata Steel Group

During the year under review, the consolidated crude steel production for Tata Steel Group ('TSG') was 30.65 MnT as against 31.03 MnT of FY2021-22, a marginal decline of 1%. The production increased at Tata Steel Limited (Standalone) by 3%, to 18.97 MnT, (FY2021-22: 18.38 MnT), Tata Steel Europe ('TSE') produced 9.35 MnT, lower by 8% (FY2021-22: 10.11 MnT) as TSUK undertook a significant maintenance programme focused on its steelmaking assets in Port Talbot in order to improve operational stability along with weakening of market during the 2nd half of the financial year. Tata Steel Long Products (standalone) produced 0.71 MnT (FY2021-22: 0.68 MnT). Moreover, with the completion of the acquisition of Neelachal Ispat Nigam Limited ('NINL') during the year, the production further increased by 0.20 MnT. Production at South-East Asia ('SEA') was 1.43 MnT (FY2021-22: 1.86 MnT) which was lower due to disposal of Singapore operations of NatSteel Holdings Pte. Ltd. ('NSH') during FY2021-22. The consolidated steel deliveries of TSG was at 28.79 MnT in FY2022-23 as against 29.52 MnT in FY2021-22, a marginal decrease of 2%, primarily at TSE due to weakening of market and at SEA.

The turnover of TSG at Rs. 2,43,353 crore was marginally lower over FY2021-22 by Rs. 606 crore. This was on account of decline in steel realisations across geographies except European operations, attributable to decrease in demand and implementation of export duty on steel in India during the year, along with lower steel deliveries by 0.73 MnT.

The EBITDA of TSG for FY2022-23 at Rs. 32,698 crore was lower over FY2021-22 by Rs. 31,132 crore (49%), primarily due to increase in input cost mainly in coking coal along with lower steel realisations in India.

2. India

During the year under review, the crude steel production in Tata Steel Limited increased by 3% to 18.97 MnT on account of better operational performance. During the year under review, total deliveries at Tata Steel Limited (Standalone) were at 18.22 MnT (previous year: 17.62 MnT). Turnover was Rs. 1,29,007 crore (previous year: Rs. 1,29,021 crore), which was at par against the previous year mainly due to higher deliveries, offset by decline in steel prices. EBITDA was at Rs. 28,175 crore (previous year: Rs. 51,456 crore), 45% lower than that of the previous year, primarily on account of higher raw material cost, mainly coking coal.

TSLP on a consolidated basis achieved crude steel production of 0.91 MnT, while deliveries stood at 0.82 MnT, both higher than previous year, due to acquisition of NINL during the year. The turnover at Rs. 8,992 crore was significantly higher on account of higher deliveries and higher prices. EBITDA was at negative Rs. 613 crore and loss after tax was at Rs. 2,304 crore. This was primarily on account of higher input cost, mainly coking coal prices along with expenditure incurred on revamping NINL which started production within 3 months of its acquisition. Increase in finance cost and depreciation and amortisation charge post NINL acquisition further impacted the profits.

Total deliveries of Tata Steel from its Indian operations (including TSLP) stood at 18.87 MnT which is higher than the previous year by 3%. The turnover was Rs. 1,37,030 crore, a marginal increase by ~1% against previous year and EBITDA (excluding inter-company eliminations and adjustments) was Rs. 27,561 crore, 48% decline over previous year, owing to sharp increase in operating cost due to increase in imported coking coal prices and decline in steel realisations, which was partly offset by, higher steel deliveries.

3. Europe

During the year under review, liquid steel production from European operations was 9.35 MnT (previous year: 10.11 MnT), a decrease of 8% against the previous year due to low demand from the market in the second half of the year following the general economic slowdown in Europe, although production was not as low as deliveries due to a build-up of inventory in TSN in order to support operations during an extended outage for the Blast Furnace 6 relined at the start of FY2023-24. Deliveries from European operations decreased by around 10% to 8.16 MnT primarily due to decline in demand. Turnover from operations was Rs. 90,300 crore (previous year: Rs. 90,023 crore) which was marginally higher than FY2021-22. However, in GBP terms, revenue increased by 5% due to improved average revenue per tonne which more than offset the lower deliveries.

EBITDA stood at Rs. 4,632 crore (previous year: Rs. 12,164 crore) which declined over the previous year. This reflected contrasting EBITDA performance between the first and second half of the year with the first half benefitting from exceptionally high selling prices resulting in record EBITDA performance. The second half however experienced a reduction in selling prices due to lower market demand following the economic slowdown in Europe although raw material and energy costs remained high which resulted in EBITDA losses.

Textual information (3)

Disclosures relating to amount recommended to be paid as dividend

For the Financial Year 2022-23, the Board has recommended a dividend of Rs. 3.60 per Ordinary (equity) Share of face value of Rs. 1/- each (previous year: Rs. 51/- per fully paid-up Ordinary (equity) Share of face value of Rs. 10/- each).

The Board has recommended dividend based on the parameters laid down in the Dividend Distribution Policy. The dividend will be paid out of the profits for the year.

The dividend on Ordinary (equity) Shares is subject to the approval of the Shareholders at the Annual General Meeting ('AGM') scheduled to be held on Wednesday, July 5, 2023 and will be paid on and from Monday, July 10, 2023.

Based on the number of Ordinary (equity) Shares as on the date of this report, the dividend, if approved would result in a cash outflow of ~Rs. 4,400 crore. The dividend on Ordinary (equity) Shares is 360% of the paid-up value of each share. The total dividend pay-out works out to 28% (previous year: 19%) of the net profit (on standalone basis).

Pursuant to the Finance Act, 2020, dividend income is taxable in the hands of the shareholders effective April 1, 2020 and the Company is required to deduct tax at source from dividend paid to the Members at prescribed rates as per the Income Tax Act, 1961.

The Register of Members and Share Transfer Books of the Company will remain closed from Friday, June 23, 2023 to Wednesday, July 5, 2023 (both days inclusive) for the purpose of payment of the dividend and AGM for the financial year ended March 31, 2023.

Textual information (4)

Disclosures in director's responsibility statement

Based on the framework of internal financial controls and compliance system established and maintained by the Company, work performed by the internal, statutory, cost, and secretarial auditors and external agencies including audit of internal financial controls over financial reporting by the statutory auditors and the reviews performed by Management and the relevant Board Committees, including the Audit Committee, the Board is of the opinion that the Company's internal financial controls were adequate and effective during financial year 2022-23.

Accordingly, pursuant to Section 134(5) of the Companies Act, 2013, the Board of Directors, to the best of its knowledge and ability confirms that:

- a) in the preparation of the annual accounts, the applicable accounting standards have been followed and that there were no material departures;
- b) they have selected such accounting policies and applied them consistently and made judgments and estimates that are reasonable and prudent so as to give a true and fair view of the state of affairs of the Company at the end of the financial year and of the profit of the Company for that period;
- c) they have taken proper and sufficient care for the maintenance of adequate accounting records in accordance with the provisions of the Companies Act, 2013 for safeguarding the assets of the Company and for preventing and detecting fraud and other irregularities;
- d) they have prepared the annual accounts on a going concern basis;
- e) they have laid down internal financial controls to be followed by the Company and that such internal financial controls are adequate and are operating effectively;
- f) they have devised proper systems to ensure compliance with the provisions of all applicable laws and that such systems were in place, are adequate and operating effectively.

Textual information (5)

Particulars of loans guarantee investment under section 186 [Text Block]

Particulars of Loans, Guarantees or Investments

(Pursuant to Section 186 of the Companies Act, 2013)

Amount Outstanding as on March 31, 2023

	(Rs. crore)
	Amount
Loans Given	35,970.29
Guarantees Given	10,848.37
Investments Made	44,138.90

Loans, Guarantees given or Investments made during FY2022-23

Name of the Entity	Relation	Amount (Rs.) crore	Particulars of Loans, Guarantees given or Investments made	Purpose for which the Loans, Guarantees given or Investments are proposed to be utilised
Neelachal Ispat Nigam Limited	Subsidiary	396.69	Investments in Equity Shares	Business Purpose
S & T Mining Company Limited^	Subsidiary	0.00	Investments in Equity Shares	Business Purpose
Tata Steel Advanced Materials Limited	Subsidiary	72.02	Investments in Equity Shares	Business Purpose
Tata Steel Downstream Products Limited	Subsidiary	10.00	Investments in Equity Shares	Business Purpose
Tata Steel Mining Limited	Subsidiary	699.07	Investments in Equity Shares	Business Purpose
Tata Steel Utilities and Infrastructure Services Limited	Subsidiary	68.00	Investments in Equity Shares	Business Purpose
Creative Port Development Private Limited	Subsidiary	48.00	Investments in Optionally Convertible Redeemable Preference Shares	Business Purpose
TRF Limited	Associate	25.00	Investments in Optionally Convertible Redeemable Preference Shares	Business Purpose
TRF Limited	Associate	239.00	Investments in Non-convertible Redeemable Preference Shares	Business Purpose
Bhubaneswar Power Pvt. Ltd.*	Subsidiary	1.45	Loan	Business Purpose
Tata Steel Downstream Products Limited#	Subsidiary	558.70	Loan	Business Purpose

Tata Steel Mining Limited		681.00	Loan	Business Purpose
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^Represents value less than Rs.0.01 crore

*Represents loans given and repaid during the year ended March 31, 2023

#Includes loans amounting to Rs.236.40 crore repaid during the year ended March 31, 2023

Advance against equity made during the FY2022-23

		(Rs. crore)
Name of the Entity	Relation	Amount
Angul Sukinda Railway Limited	Others	50.00

Notes:

(i) During the year ended March 31, 2023, the Company transferred its entire stake held in NatSteel Asia Pte. Ltd. to T Steel Holdings Pte. Ltd. ('TSH'), a wholly-owned subsidiary of the Company, for cash consideration of Rs.1,112.42 crore.

(ii) During the year ended March 31, 2023, the Company has recognised a net impairment loss of Rs.1,056.39 crore and net fair value gain of Rs.30.99 crore with respect to investments held in its affiliates. The impairment of Rs.1,056.39 crore relates to provision for impairment of investment of Rs.1,170.00 crore in T Steel Holdings Pte. Ltd. and Rs.112.39 crore in TRF Limited, net of reversal of Rs.126.00 crore for investments in NatSteel Asia Limited and Rs.100 crore for loan provided to TRF Limited.

Net fair value gain represents a gain of Rs.30.99 crore on preference shares investments held in TRF Limited and Angul Sukinda Railway Limited.

Textual information (6)

Particulars of contracts/arrangements with related parties under section 188(1) [Text Block]

In line with the requirements of the Act and the SEBI Listing Regulations, the Company has formulated a Policy on Related Party Transactions. The Policy can be accessed on the Company's website at <https://www.tatasteel.com/media/5891/policy-on-related-party-transactions.pdf>

During the year under review, all related party transactions entered into by the Company, were approved by the Audit Committee and were at arm's length and in the ordinary course of business. Prior omnibus approval is obtained for related party transactions which are of repetitive nature and entered in the ordinary course of business and on an arm's length basis. The Company did not have any contracts or arrangements with related parties in terms of Section 188(1) of the Companies Act, 2013.

Accordingly, the disclosure of related party transactions as required under Section 134(3)(h) of the Act in Form AOC-2 is not applicable to the Company for FY2022-23 and hence does not form part of this report.

Details of related party transactions entered into by the Company, in terms of Ind AS-24 have been disclosed in the notes to the standalone/consolidated financial statements forming part of this Integrated Report & Annual Accounts 2022-23.

Textual information (7)

Disclosure of statement on declaration given by independent directors under section 149(6) [Text Block]

The Company has received the necessary declaration from each Independent Director in accordance with Section 149(7) of the Act and Regulations 16(1)(b) and 25(8) of the SEBI Listing Regulations, that he/she meets the criteria of independence as laid out in Section 149(6) of the Act and Regulations 16(1)(b) of the SEBI Listing Regulations.

In the opinion of the Board, there has been no change in the circumstances which may affect their status as Independent Directors of the Company and the Board is satisfied of the integrity, expertise, and experience (including proficiency in terms of Section 150(1) of the Act and applicable rules thereunder) of all Independent Directors on the Board. Further, in terms of Section 150 read with Rule 6 of the Companies (Appointment and Qualification of Directors) Rules, 2014, as amended, Independent Directors of the Company have included their names in the data bank of Independent Directors maintained with the Indian Institute of Corporate Affairs.

Textual information (8)

Disclosure for companies covered under section 178(1) on directors appointment and remuneration including other matters provided under section 178(3) [Text Block]

The Nomination and Remuneration Committee ('NRC') engages with the Board to evaluate the appropriate characteristics, skills and experience for the Board as a whole as well as for its individual members with the objective of having a Board with diverse backgrounds and experience in business, finance, governance, and public service. The NRC, basis such evaluation, determines the role and capabilities required for appointment of Independent Director. Thereafter, the NRC recommends to the Board the selection of new Directors.

Characteristics expected of all Directors include independence, integrity, high personal and professional ethics, sound business judgement, ability to participate constructively in deliberations and willingness to exercise authority in a collective manner. The Company has in place a Policy on appointment & removal of Directors.

The salient features of the Policy are:

- It acts as a guideline for matters relating to appointment and re-appointment of Directors
- It contains guidelines for determining qualifications, positive attributes of Directors, and independence of a Director
- It lays down the criteria for Board Membership
- It sets out the approach of the Company on board diversity
- It lays down the criteria for determining independence of a Director, in case of appointment of an Independent Director

The Policy is available on the website of the Company at
<https://www.tatasteel.com/media/6816/policy-on-appointment-and-removal-of-directors.pdf>

Textual information (9)

Disclosure of statement on development and implementation of risk management policy [Text Block]

Tata Steel operates in a dynamic and uncertain business landscape. Hence the Company has developed and deployed its Enterprise Risk Management ('ERM') framework to create long-term value and become a risk-intelligent organization that drives informed decision-making to proactively prepare for unforeseen scenarios. The framework, principles and standards incorporate benchmark industry practices, international standards (including Committee of Sponsoring Organization of the Treadway Commission - COSO & ISO 31000), while also being customised to suit the business of the Company.

The Risk Management Committee ('RMC') of the Board provides an oversight and sets the context for implementation of the ERM across the organisation.

The RMC ensures that appropriate methodology, processes, and systems are in place to monitor and evaluate risks associated with the business of the Company. It reviews the status of key risks, progress of ERM implementation across locations and any exceptions as fagged to it, on a quarterly basis.

The risk appetite of the organisation is approved by the RMC and the Board and is aligned to the Vision of the organisation. It is an important metric for governing all business actions and strategic decisions. The Risk appetite is driven by the following:

- Health and safety of our employees and the communities in which we operate are our prime concern and our operating strategy is focused on the above objective;
- All business decisions are aligned to the Tata Code of Conduct;
- Management actions are focused on continuous improvement;
- Environment and Climate Change impacts are assessed on a continuous basis and business decisions support systems including capital allocation, considers climate impact through the internal carbon pricing framework;
- The long-term strategy of the Company is focused on generating profitable growth and sustainable cashflows that creates long term stakeholder value.

Risk Owners may accept risk exposure to their annual and long-term business plans, which after implementation of mitigation strategies, is aligned to our risk appetite. The Company's risk appetite has been cascaded across the organisation including the Tata Steel Group Companies ('TSGCs') through focused communication during the Annual Business Plan cycle.

In order to drive the ERM implementation, the Company has also constituted a Management Committee called Apex Risk Committee ('ARC') which comprises of key executives of the Company including the Chief Executive Officer & Managing Director, Executive Director & Chief Financial Officer and Vice President – Corporate Finance, Treasury & Risk Management as its members. The ARC periodically reviews the business plan of ERM, engages on the framework and processes and deliberates on the risks that the Company faces.

Driven by an experienced and dedicated Central ERM team, the ERM framework is deeply embedded across business units, levels, and functions. It has been a key factor in managing highly impactful economic, supply chain and climate change risks, as well as increasing resilience in the organisation.

The Central ERM team is a dedicated business vertical led by Vice President - Corporate Finance, Treasury & Risk Management who acts as the Chief Risk Officer ('CRO') of the Company. The ERM team continuously scans the external and internal environment for developments which may throw up emerging risks for the organisation. The risk fags and risk insights are shared with the Business Units ('BU') as inputs for identification and management of bottom-up risks, which are periodically reviewed as per defined ERM Governance mechanism. The risks are escalated and aggregated for reporting to ARC and RMC. This is complemented by a top-down process, which helps in identification of strategic Enterprise level risks.

The Company follows co-ordinated risk assurance and the ERM process is integrated with Corporate Audit, Corporate Strategy & Planning,

Corporate Legal, Ethics, Compliance and Security functions. The two-way communication with these functions brings further rigor in driving the process across the organisation and the TSGCs. The ERM process being data intensive, an in-house built IT system has been developed across the organisation for real time management of risks through live dashboards. The IT system supports risk analytics and helps in developing a uniform risk culture as the same ERM framework is used while identifying, assessing, evaluating, monitoring & reviewing risks.

The subsequent waves of COVID-19 pandemic, its associated fallouts, Russia-Ukraine war, and the commodity upcycle led to an unprecedented business environment over the last two years. The Company's Central Enterprise Risk Management team facilitated the Business Units in identifying and assessing risks as the situation was evolving. 'Scenario-based risk assessment' is continuously undertaken across the Company in view of dynamic operating environment and multiple externalities that continue to challenge business.

The Company remained vigilant of the evolving macroeconomic, geopolitical situation and global financial market sentiments to proactively manage risks in FY2022-23. The focus on identification and tracking of 'Early Warning Indicators' and implementation of risk mitigation strategies proactively has been a key enabler in managing the growing uncertainties and achieving business objectives.

The Company was conferred with the 'RIMS Global ERM Award of Distinction' in 2022. The award recognises the Company's outstanding ERM achievements that have enabled the organisation to streamline processes and strengthen collaboration across the enterprise in order to achieve strategic objectives.

The Company has also been recipient of IRMA awards 'Masters of Risk in Metals & Mining' at the 9th edition of The India Risk Management Awards for seventh time in a row.

Textual information (10)

Details on policy development and implementation by company on corporate social responsibility initiatives taken during year [Text Block]

The objective of the Company's Corporate Social Responsibility ('CSR') initiatives is to improve the quality of life of communities through long-term value creation for all stakeholders. The Company's CSR policy provides guidelines to conduct CSR activities of the Company. The salient features of the Policy forms part of the Annual Report on CSR activities annexed to the Board's Report. The CSR policy is available on the website of the Company at <https://www.tatasteel.com/media/11804/tata-steel-csr-policy-latest-2019.pdf>

For decades, the Company has pioneered various CSR initiatives. The Company continues to address societal challenges through societal development programmes and remains focused on improving the quality of life. During the year under review, the Company has impacted the lives of over 3.15 million people from the most vulnerable sections of society, including initiating a large-scale national programme in response to the COVID-19 pandemic. The Company implements its CSR programmes primarily through the Tata Steel Foundation, which works in close collaboration with public systems and partners. Through its CSR, the Company envisions an enlightened, equitable society in which every individual realises her/his potential with dignity through work with tribal and excluded communities to co-create transformative, efficient and lasting solutions to their development challenges.

Through large-scale, proven Signature Theme Models of change, the Company addresses core development gaps in India, while being replicable at global platform. These include programmes on maternal and child mortalities, access to school and learning enrichment for rural children, pan-India focus on key aspects of tribal identity, and comprehensive development through empowerment of panchayats between the manufacturing locations at Jamshedpur and Kalinganagar.

The Company also fosters Regional Change Models enabling lasting betterment in the well-being of communities, prioritising those who are excluded and proximate to its operating areas. The Company undertakes its CSR Programmes in areas of health, nutrition, water, education, livelihoods, infrastructure, sports, disabilities, grassroots governance and empowering the voice of women within communities.

During the year under review, the Company spent Rs. 480.62 crore on CSR activities. The Annual Report on CSR activities, in terms of Section 135 of the Companies Act, 2013 and the Rules framed thereunder, is annexed to this Report (Annexure 2).

In the UK, the Company strives to enrich its local communities and contribute to their future economic and social wellbeing. Its programme of proactive community partnerships embraces three aspects: health and wellbeing, environment, and education and learning. The Company encourages employees to make an active contribution to their local community by taking part in various social causes. The Company sponsors local sports events and activities for children.

In the Netherlands, the Company maintains close relationship with employees, customers, local residents, suppliers, the local business community, NGOs and educational institutions and drives community development programmes and provides guest lectures and workshops on various topics that support the Company's strategy to become a green, clean and circular steel company. The Company continues to partner with organisations on various social causes such as activities for primary and secondary schools, social wellbeing of its local communities in the areas of education, environment as well as health and well-being and coaching of children with learning difficulties towards a healthy life style. The Company also sponsors local activities and sports teams and supports charities and children's events which promote community spirit and brings improvement in fields of healthy eating, teamwork and behaviour.

Textual information (11)

Disclosure of financial summary or highlights [Text Block]

Financial Results

				(Rs. crore)
	Tata Steel Standalone		Tata Steel Consolidated	
	2022-23	2021-22	2022-23	2021-22
Revenue from operations	1,29,006.62	1,29,021.35	2,43,352.69	2,43,959.17
Total expenditure before finance cost, depreciation (net of expenditure transferred to capital)	1,01,304.65	77,891.50	2,11,052.53	1,80,469.22
Operating Profit	27,701.97	51,129.85	32,300.16	63,489.95
Add: Other income	3,325.48	1,452.02	1,037.48	784.89
Profit before finance cost, depreciation, exceptional items and tax	31,027.45	52,581.87	33,337.64	64,274.84
Less: Finance costs	3,792.14	2,792.08	6,298.70	5,462.20
Profit before depreciation, exceptional items and tax	27,235.31	49,789.79	27,038.94	58,812.64
Less: Depreciation and amortisation expenses	5,434.61	5,463.69	9,335.20	9,100.87
Profit / (Loss) before share of profit/(loss) of joint ventures & associates, exceptional items & tax	21,800.70	44,326.10	17,703.74	49,711.77
Share of profit / (loss) of Joint Ventures & Associates	-	-	418.12	649.16
Profit / (Loss) before exceptional items & tax	21,800.70	44,326.10	18,121.86	50,360.93
Add/(Less): Exceptional Items	(778.78)	(235.45)	113.26	(134.06)
Profit before tax	21,021.92	44,090.65	18,235.12	50,226.87
Less: Tax Expense	5,526.81	11,079.47	10,159.77	8,477.55
(A) Profit/(Loss) after tax	15,495.11	33,011.18	8,075.35	41,749.32
Total Profit / (Loss) for the period attributable to:				
Owners of the Company	-	-	8,760.40	40,153.93
Non controlling interests	-	-	(685.05)	1,595.39
(B) Total other comprehensive income	100.37	694.90	(13,849.07)	1,305.42
(C) Total comprehensive income for the period [A + B]	15,595.48	33,706.08	(5,773.72)	43,054.74
Retained Earnings: Balance brought forward from the previous year	76,498.67	46,480.00	55,647.79	16,476.70
Add: Profit for the period	15,495.11	33,011.18	8,760.40	40,153.93
Less: Distribution on Hybrid perpetual securities	-	1.46	-	1.46
Add: Tax effect on distribution of Hybrid perpetual securities	-	0.37	-	0.37
Add: Other Comprehensive Income recognised in Retained Earnings	210.31	5.67	(9,981.60)	366.39

Add: Other movements within equity	-	9.99	(33.12)	1,656.02
Balance	92,204.09	79,505.75	54,393.47	58,651.95
Which the Directors have apportioned as under to:-				
(i) Dividend on Ordinary Shares	6,233.11	3,007.08	6,227.15	3,004.16
Total Appropriations	6,233.11	3,007.08	6,227.15	3,004.16
Retained Earnings: Balance to be carried forward	85,970.98	76,498.67	48,166.32	55,647.79

Notes:

i. On July 4, 2022, Tata Steel Long Products Limited ('TSLP'), a non-wholly owned listed subsidiary of the Company, had completed the acquisition of Neelachal Ispat Nigam Limited ('NINL') for a total purchase consideration of Rs. 12,100 crore as per the terms and conditions of the Share Sale and Purchase Agreement ('SPA'). The financial statements of NINL have been consolidated effective July, 4 2022.

ii. Pursuant to an order pronounced by the Hon'ble National Company Law Tribunal, Kolkata Bench ('Hon'ble NCLT') on April 7, 2022, Tata Steel Mining Limited ('TSML'), an unlisted wholly-owned subsidiary of the Company completed the acquisition of a controlling stake of 90% in Rohit Ferro-Tech Limited ('RFT') on April 11, 2022, under the Corporate Insolvency Resolution Process ('CIRP') of the Insolvency and Bankruptcy Code, 2016 ('Code'). Vide the same order, the Hon'ble NCLT also approved the amalgamation of RFT with TSML subject to TSML acquiring 100% equity stake in RFT. On July 7, 2022, RFT was amalgamated with TSML.

iii. Figures for the previous periods have been regrouped and reclassified to conform to the classification of the current period, where necessary.

iv. During the year under review, exceptional items (Consolidated Accounts) primarily represents:

a. Gain on sale of non-current investments at Tata Steel Europe ('TSE') amounting to Rs. 67 crore.

b. Impairment reversal Rs. 96 crore at TSE on deferred consideration of Speciality Business.

c. Net impairment reversal in respect of property, plant and equipment (including capital work-in-progress), right-of-use assets and other assets at TSE amounting to Rs. 37 crore.

d. Fair valuation gain on non-current investments amounting to Rs. 31 crore at Tata Steel Limited (Standalone).

Partly offset by,

a. Net Provision for Employee Separation Scheme ('ESS') amounting to Rs. 92 crore under Sunehere Bhavishya Ki Yojana ('SBKY') scheme at Tata Steel Limited (Standalone).

b. Expenses incurred in stamp duty and registration fees for a portion of land parcels and mines acquired as part of business combination amounting to Rs. 2 crore at TSLP.

c. Impairment of Mini Blast Furnace at Tata Steel Thailand ('TSTH') amounting to Rs. 11 crore.

d. Net impairment charge of Rs. 12 crore on Inter Corporate Deposit ('ICD') & investments in one of the associates at Tata Steel Limited (Standalone).

The exceptional items (Consolidated Accounts) in Financial Year 2021-22 primarily include:

a. Restructuring and other provisions which includes charge on Employees Family Protection Scheme for COVID-19 amounting to Rs. 215 crore at Tata Steel Limited (Standalone), Tata Steel Downstream Products Limited ('TSDPL') and at Tata Steel Utilities and Infrastructure Limited

(‘TSUISL’).

b. Impairment charges (net of reversal) Rs. 172 crore in respect of property, plant and equipment (including capital work-in-progress), right-of-use assets and other assets primarily at TSE and TSTH.

c. Provision for ESS amounting to Rs. 331 crore includes provisions made primarily under SBKY scheme amounting to Rs. 208 crore and Second Innings Scheme amounting to Rs. 123 crore, at Tata Steel Limited (Standalone).

d. Impairment of Inter Corporate Deposits (‘ICDs’) given to an associate of the Company amounting to Rs. 100 crore at Tata Steel Limited (Standalone).

e. Expenses incurred on stamp duty and registration fees for a portion of land parcels and mines acquired as part of business combination amounting to Rs. 27 crore at TSLP.

f. Redundancy provisions at TSE amounting to Rs. 14 crore.

g. Impairment on outstanding deferred consideration at TSE amounting to Rs. 81 crore.

Partly offset by,

a. Profit on sale of subsidiaries and non-current investments in NatSteel Holdings Pte. Ltd. (‘NSH’) amounting to Rs. 725 crore.

b. Reversal of fair valuation loss previously taken on investment in debentures of a joint venture of the Company amounting to Rs. 50 crore at Tata Steel Limited (Standalone).

c. Gain on sale of land amounting to Rs. 31 crore at Tata Metaliks Limited (‘TML’).

1. Dividend Distribution Policy

In terms of Regulation 43A of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015, (‘SEBI Listing Regulations’) the Board of Directors of the Company (the ‘Board’) formulated and adopted the Dividend Distribution Policy (the ‘Policy’).

The Policy is available on our website at <https://www.tatasteel.com/media/6086/dividend-policy-final.pdf>

Textual information (12)

Details of directors or key managerial personnels who were appointed or have resigned during year [Text Block]

Directors

The year under review saw the following changes to the Board of Directors ('Board').

Inductions to the Board

Based on the recommendations of the NRC and in terms of the provisions of the Companies Act, 2013, the Board, on November 23, 2022, appointed Ms. Bharti Gupta Ramola (DIN: 00356188) as an Additional Director of the Company effective November 25, 2022. Further, based on the recommendations of the NRC and subject to the approval of the Members, the Board, in accordance with the provisions of Section 149 read with Schedule IV to the Act and applicable SEBI Listing Regulations, appointed Ms. Ramola as an Independent Director of the Company, not liable to retire by rotation, for a term of 5 years commencing from November 25, 2022 through November 24, 2027. Ms. Ramola brings to the Board her extensive knowledge and experience in areas of strategy, finance, governance, regulatory affairs, environment and sustainability. On January 31, 2023, the Shareholders of the Company, by way of a special resolution passed through postal ballot, approved the appointment of Ms. Ramola as an Independent Director of the Company for the abovementioned tenure.

Re-appointment

a. Director retiring by rotation

In terms of the provisions of the Companies Act, 2013, Mr. N. Chandrasekaran (DIN: 00121863), Director of the Company, retires at the ensuing AGM and being eligible, seeks re-appointment. The necessary resolution for re-appointment of Mr. Chandrasekaran forms part of the Notice convening the ensuing AGM scheduled to be held on Wednesday, July 5, 2023.

The profile and particulars of experience, attributes and skills that qualify Mr. Chandrasekaran for Board membership, are disclosed in the said Notice.

b. Whole-time Director (Designated as Executive Director & CFO)

Mr. Koushik Chatterjee (DIN: 00004989) was appointed as the Whole-time Director designated as Executive Director and Group Chief Financial Officer of the Company effective November 9, 2012 through November 8, 2017. He was then re-appointed as the Whole-time Director of the Company designated as Executive Director and Chief Financial Officer for a further period of five years effective November 9, 2017 through November 8, 2022. Based on the recommendation of the Nomination and Remuneration Committee, the Board of Directors at its meeting held on October 31, 2022, re-appointed Mr. Chatterjee as the Whole-time Director designated as Executive Director and Chief Financial Officer for a further period of five years effective November 9, 2022 through November 8, 2027, subject to approval of the shareholders.

On January 31, 2023, the Shareholders of the Company, by way of an ordinary resolution passed through postal ballot, approved the appointment of Mr. Chatterjee as Executive Director and Chief Financial Officer of the Company for the abovementioned tenure.

Cessations

As per the terms of her appointment, Ms. Mallika Srinivasan (DIN: 00037022), completed her second term as an Independent Director on May 21, 2022 and accordingly ceased to be an Independent Director and Member of the Board of Directors of the Company. The Board of Directors place on record their deep appreciation for the wisdom, knowledge and guidance provided by Ms. Srinivasan during her tenure.

Further, Mr. David W. Crane (DIN: 09354737), Independent Director, stepped down as an Independent Director and Member of the Board effective September 5, 2022 since he was joining the United States Department of Energy as the Director of the Office of Clean Energy Demonstration. The said position required him to step of from all private sector positions. He also confirmed that there were no other material reasons for his resignation. The Board of Directors place on record their deep appreciation for the contributions and guidance provided by Mr. Crane during his tenure.

Textual information (13)

Disclosure of companies which have become or ceased to be its subsidiaries, joint ventures or associate companies during year [Text Block]

Companies that have become/ceased to be Company's Subsidiaries or Associate Companies (including Joint Venture Companies)

The names of companies which have become Subsidiaries or Associate Companies (including Joint Venture Companies) during FY2022-23:

Sl. No.	Name of the Company
	Subsidiary
1	Rohit Ferro-Tech Limited (a)
2	Tata Steel TABB Limited
3	Neelachal Ispat Nigam Limited
4	S & T Mining Company Limited (b)

The names of companies which have ceased to become Subsidiaries or Associate Companies (including Joint Venture Companies) during FY2022-23:

Sl. No.	Name of the Company
	Subsidiary
1	British Steel Service Centres Limited
2	DSRM Group Limited
3	Europressings Limited
4	02727547 Limited (Formerly known as Firsteel Holdings Limited)
5	Lister Tubes Limited
6	Precoat International Limited
7	Precoat Limited
8	Stewarts & Lloyds of Ireland Limited
9	The Templeborough Rolling Mills Limited
10	Toronto Industrial Fabrications Limited
11	Walkersteelstock Ireland Limited
12	Westwood Steel Services Limited
13	Tata Steel France Batiment et Systemes SAS
14	TSIL Energy Limited
15	Rohit Ferro-Tech Limited (a)
16	NatSteel Asia Pte. Ltd.
17	TS Asia (Hong Kong) Limited
18	Blastmega Limited

19	Corus Engineering Steels Holdings Limited
20	Grant Lyon Eagre Limited
21	Hammermega Limited
22	Plated Strip (International) Limited
23	Runmega Limited
24	Stewarts And Lloyds (Overseas) Limited
25	U.E.S. Bright Bar Limited
26	Bowen Consolidated Pty Ltd
27	Eastern Steel Fabricators Philippines, Inc.
Sl. No.	Name of the Company
	Joint Venture
1	S & T Mining Company Limited (b)

Notes:

(a) During FY2022-23, the Company acquired Rohit-Ferro Tech Limited ('RFT') through its unlisted subsidiary, Tata Steel Mining Limited ('TSML'), on April 11, 2022. RFT was amalgamated into and with TSML effective July 7, 2022.

(b) During FY2022-23, S & T Mining Company Limited was re-classified as a Subsidiary of the Company from being a Joint Venture.

Textual information (14)

Details relating to deposits covered under chapter v of companies act [Text Block]

During the year under review, the Company has not accepted any deposits from public in terms of the Act. Further, no amount on account of principal or interest on deposits from public was outstanding as on the date of the balance sheet.

Textual information (15)

Details of significant and material orders passed by regulators or courts or tribunals impacting going concern status and company's operations in future [Text Block]

There has been no significant and material order passed by the regulators or courts or tribunals impacting the going concern status and the Company's future operations. However, Members' attention is drawn to the statement on contingent liabilities, commitments in the notes forming part of the Financial Statements.

Textual information (16)

Details regarding adequacy of internal financial controls with reference to financial statements [Text Block]

The Company's internal control systems commensurate with the nature of its business, the size, and complexity of its operations and such internal financial controls with reference to the Financial Statements are adequate. Details on the Internal Financial Controls of the Company forms part of Management Discussion and Analysis forming part of this Integrated Report and Annual Accounts 2022-23.

Textual information (17)

Disclosure of appointment and remuneration of director or managerial personnel if any, in the financial year [Text Block]

Disclosures pertaining to remuneration and other details as required under Section 197(12) of the Act, read with Rule 5(1) of the Companies (Appointment and Remuneration of Managerial Personnel) Rules, 2014 ('Rules') are annexed to this report (Annexure 4).

In terms of the provisions of Section 197(12) of the Act read with Rules 5(2) and 5(3) of the Rules, a statement showing the names and other particulars of employees drawing remuneration in excess of the limits set out in the said Rules forms part of this report. Further, the report and the annual accounts are being sent to the Members excluding the aforesaid statement. In terms of Section 136 of the Act, the said statement will be open for inspection upon request by the Members. Any Member interested in obtaining such particulars may write to the Company Secretary at cosec@tatasteel.com

ANNEXURE 4

Particulars of Remuneration

Part A: Information pursuant to Section 197(12) of the Companies Act, 2013 [Read with Rule 5(1) of the Companies (Appointment and Remuneration of Managerial Personnel) Rules, 2014]

A. Ratio of the remuneration of each Director to the median remuneration of all the employees of the Company for FY2022-23 and % increase in remuneration of each Director/KMP of the Company for FY2022-23 are as under:

Name of Director	% increase in remuneration over previous year	Ratio of remuneration to median remuneration of all employees (1)
Non-Executive Directors		
Mr. N. Chandrasekaran (2)	NA	NA
Mr. Noel Naval Tata (3)	-	17.23
Mr. Saurabh Agrawal (4)	NA	NA
Independent Directors		
Ms. Mallika Srinivasan (5)	-	-
Mr. O. P. Bhatt	3.85	27.74
Mr. Deepak Kapoor	10.24	17.46
Mr. David W. Crane (5)	-	-
Ms. Farida Khambata (6)	-	14.14
Mr. V. K. Sharma	5.15	13.93
Ms. Bharti Gupta Ramola (7)	-	-
Executive Directors / KMP		
Mr. T. V. Narendran (8)	(4.29)	208.79
Mr. Koushik Chatterjee (8)	(6.33)	158.97
Mr. Parvatheesam Kanchinadham	21.89	42.06

Notes:

- (1) The ratio of remuneration to median remuneration is based on remuneration paid during April 1, 2022 to March 31, 2023.
- (2) As a policy, Mr. N. Chandrasekaran, Chairman, has abstained from receiving commission from the Company.
- (3) Mr. Noel Naval Tata was appointed as an Additional Director (Non-Executive, Non-Independent) effective March 28, 2022. There were no Board Meetings which were conducted during FY2021-22 post his appointment and hence, no remuneration was payable to Mr. Tata for FY2021-22. Accordingly, the % increase in remuneration over previous year is not comparable and hence not stated.
- (4) In line with the internal guidelines of the Company, no payment is made towards commission to the Non-Executive Directors of the Company, who are in full time employment with any other Tata Company. Accordingly, no commission has been paid to Mr. Saurabh Agrawal.
- (5) Ms. Mallika Srinivasan completed her second term as an Independent Director of the Board and ceased as an Independent Director and Member of the Board effective May 20, 2022 and Mr. David W. Crane stepped down as an Independent Director and Member of the Board effective September 5, 2022. Since their remuneration is for part of the year, percentage increase in remuneration over previous year as well as the ratio of their remuneration to median remuneration is not comparable and hence not stated.
- (6) Ms. Farida Khambata was appointed as an Independent Director effective August 12, 2021. Since her remuneration for FY2021-22 was for part of the year, the % increase in remuneration over previous year is not comparable and hence not stated.
- (7) Ms. Bharti Gupta Ramola was appointed as an Independent Director effective November 25, 2022. Since the remuneration of Ms. Ramola is only for part of the year, percentage increase in remuneration over previous year as well as the ratio of her remuneration to median remuneration is not comparable and hence not stated.
- (8) Includes the Commission/bonus approved by the Board of Directors for the Chief Executive Office & Managing Director and Executive Director & Chief Financial Officer on May 2, 2023, for FY2022-23 (which will be paid to them on conclusion of the Annual General Meeting scheduled to be held on July 5, 2023).

B. The percentage increase/(decrease) in the median remuneration of employees in the Financial Year 2022-23: 8.71%

C. The number of permanent employees on the rolls of Company as on March 31, 2023: 36,151

D. Comparison of average percentile increase in salary of employees other than the managerial personnel and the percentile increase in the managerial remuneration:

During FY2022-23, the average percentage increase / (decrease) in salary of the Company's employees, excluding the Key Managerial Personnel ('KMP') was 3.87%. The total remuneration of KMPs for FY2022-23 was Rs3,663.74 lakh as against Rs3,775.81 lakh during the previous year, a decrease of 2.97%.

E. Affirmations: It is affirmed that the remuneration paid to the Directors, Key Managerial Personnel and other employees is as per the Remuneration Policy of the Company.

[700500] Disclosures - Signatories of financial statements**Details of directors signing financial statements [Table]**

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Directors signing financial statements [Axis]	Director 1	Director 2	Director 3	Director 4
	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023
Details of signatories of financial statements [Abstract]				
Details of directors signing financial statements [Abstract]				
Details of directors signing financial statements [LineItems]				
Name of director signing financial statements [Abstract]				
First name of director	CHANDRASEKARAN	OM	NOEL	DEEPAK
Middle name of director		PRAKASH	NAVAL	
Last name of director	NATARAJAN	BHATT	TATA	KAPOOR
Designation of director	Chairman	Independent Director	Vice-Chairman	Independent Director
Director identification number of director	00121863	00548091	00024713	00162957
Date of signing of financial statements by director	02/05/2023	02/05/2023	02/05/2023	02/05/2023

Details of directors signing financial statements [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Directors signing financial statements [Axis]	Director 5	Director 6	Director 7	Director 8
	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023
Details of signatories of financial statements [Abstract]				
Details of directors signing financial statements [Abstract]				
Details of directors signing financial statements [LineItems]				
Name of director signing financial statements [Abstract]				
First name of director	FARIDA	VIJAY	BHARTI	SAURABH
Middle name of director		KUMAR	GUPTA	MAHESH
Last name of director	KHAMBATA	SHARMA	RAMOLA	AGRAWAL
Designation of director	Independent Director	Independent Director	Independent Director	Independent Director
Director identification number of director	06954123	02449088	00356188	02144558
Date of signing of financial statements by director	02/05/2023	02/05/2023	02/05/2023	02/05/2023

Details of directors signing financial statements [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Directors signing financial statements [Axis]	Director 9
	01/04/2022 to 31/03/2023
Details of signatories of financial statements [Abstract]	
Details of directors signing financial statements [Abstract]	
Details of directors signing financial statements [LineItems]	
Name of director signing financial statements [Abstract]	
First name of director	NARENDRAN
Middle name of director	VISWANATH
Last name of director	THACHAT
Designation of director	Chief Executive Officer & Managing Director
Director identification number of director	03083605
Date of signing of financial statements by director	02/05/2023

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023
Name of company secretary	PARVATHEESAM KANCHINADHAM
Permanent account number of company secretary	AGRPK4646B
Date of signing of financial statements by company secretary	02/05/2023
Name of chief financial officer	KOUSHIK CHATTERJEE
Permanent account number of chief financial officer	AETPC4136N
Date of signing of financial statements by chief financial officer	02/05/2023

[700400] Disclosures - Auditors report**Disclosure of auditor's qualification(s), reservation(s) or adverse remark(s) in auditors' report [Table]**

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Auditor's qualification(s), reservation(s) or adverse remark(s) in auditors' report [Axis]	Auditor's favourable remark [Member]	Clause not applicable [Member]
	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023
Disclosure of auditor's qualification(s), reservation(s) or adverse remark(s) in auditors' report [Abstract]		
Disclosure of auditor's qualification(s), reservation(s) or adverse remark(s) in auditors' report [LineItems]		
Disclosure in auditors report relating to fixed assets	(A) As detailed in footnote	
Disclosure relating to quantitative details of fixed assets	Textual information (18) [See below]	
Disclosure relating to physical verification and material discrepancies of fixed assets	Textual information (19) [See below]	
Disclosure relating to title deeds of immovable properties	(B) As detailed in footnote	
Disclosure in auditors report relating to inventories	(C) As detailed in footnote	
Disclosure in auditors report relating to loans	(D) As detailed in footnote	
Disclosure in auditors report relating to compliance with Section 185 and 186 of Companies Act, 2013	Textual information (20) [See below]	
Disclosure in auditors report relating to deposits accepted	Textual information (21) [See below]	
Disclosure in auditors report relating to maintenance of cost records	Textual information (22) [See below]	
Disclosure in auditors report relating to statutory dues [TextBlock]	Textual information (23) [See below]	
Disclosure relating to regularity in payment of undisputed statutory dues [TextBlock]	Textual information (24) [See below]	
Disclosure relating to disputed statutory dues [TextBlock]	Textual information (25) [See below]	
Disclosure in auditors report relating to default in repayment of financial dues	Textual information (26) [See below]	
Disclosure in auditors report relating to public offer and term loans used for purpose for which those were raised	Textual information (27) [See below]	
Disclosure in auditors report relating to fraud by the company or on the company by its officers or its employees reported during period	Textual information (28) [See below]	
Disclosure in auditors report relating to managerial remuneration		NA
Disclosure in auditors report relating to Nidhi Company		As the Company is not a Nidhi Company and the Nidhi Rules, 2014 are not applicable to it, the reporting under clause 3(xii) of the Order is not applicable to the Company.
Disclosure in auditors report relating to transactions with related parties	Textual information (29) [See below]	
Disclosure in auditors report relating to preferential allotment or private placement of shares or convertible debentures		Textual information (30) [See below]
Disclosure in auditors report relating to non-cash transactions with directors or persons connected with him		Textual information (31) [See below]
Disclosure in auditors report relating to registration under section 45-IA of Reserve Bank of India Act, 1934		Textual information (32) [See below]

Footnotes

(A) (a) (A) The Company is maintaining proper records showing full particulars, including quantitative details and situation, of Property, Plant and Equipment.

(B) The Company is maintaining proper records showing full particulars of Intangible Assets.

(b) The Property, Plant and Equipment are physically verified by the Management according to a phased programme designed to cover all the items over a period of three years which, in our opinion, is reasonable having regard to the size of the Company and the nature of its assets. Pursuant to the programme, a portion of the Property, Plant and Equipment has been physically verified by the Management during the year and no material discrepancies have been noticed on such verification.

(c) The title deeds of all the immovable properties (other than properties where the Company is the lessee and the lease agreements are duly executed in favour of the lessee), as disclosed in Note 3 on Property, plant and equipment and Note 4 on Right-of-use assets to the standalone financial statements, are held in the name of the Company, except for the following:

Description of property	Gross carrying value (Rs. Crore)	Held in the name of	Whether promoter, director or their relative or employee	Period held (i.e. dates of capitalisation provided in range)#	Reason for not being held in the name of the Company
Freehold Land	279.85	Not Applicable	No	March, 1928 to April, 2020	Title Deeds not available with the Company
Buildings	55.13	Not Applicable	No	March, 1974 to January, 1995	Title Deeds not available with the Company
Freehold Land	224.65	Tata Steel BSL Limited	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Freehold Land	147.19	Bhushan Steel Limited (earlier name of Tata Steel BSL Limited)	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Freehold Land	1.92	Bhushan Steel & Strips Limited (earlier name of Tata Steel BSL Limited)	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Buildings	3.08	Indian Tube Company Limited	No	January, 1960	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Buildings	24.70	Tata SSL Limited	No	January, 1989 to January, 2000	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Right-of-use Land	523.65	Tata Steel BSL Limited	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Right-of-use Land	179.40	Bhushan Steel Limited (earlier name of Tata Steel BSL Limited)	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Right-of-use Land	139.93	Bhushan Steel & Strips Limited (earlier name of Tata Steel BSL Limited)	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending

Right-of-use Land	3.28	Jawahar Metal Industries Private Limited (earlier name of Tata Steel BSL Limited)	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Right-of-use Buildings	13.34	Tata Steel BSL Limited	No	April, 2020 to October, 2021	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Right-of-use Land	0.15	Not Applicable	No	Not Available	Lease Deed not available with the Company

In case of immovable properties acquired from Tata Steel BSL Limited which got merged with the Company in the preceding year have been considered with effect from the merger.

(d) The Company has not revalued its Property, Plant and Equipment (including Right-of-use assets) or intangible assets during the year. Accordingly, the reporting under Clause 3(i)(d) of the Order is not applicable to the Company.

(e) Based on the information and explanations furnished to us, no proceedings have been initiated on or are pending against the Company for holding benami property under the Prohibition of Benami Property Transactions Act, 1988 (as amended in 2016) (formerly the Benami Transactions (Prohibition) Act, 1988 (45 of 1988)) and Rules made thereunder, and therefore the question of our commenting on whether the Company has appropriately disclosed the details in its standalone financial statements does not arise.

(B)

The title deeds of all the immovable properties (other than properties where the Company is the lessee and the lease agreements are duly executed in favour of the lessee), as disclosed in Note 3 on Property, plant and equipment and Note 4 on Right-of-use assets to the standalone financial statements, are held in the name of the Company, except for the following:

Description of property	Gross carrying value (Rs. Crore)	Held in the name of	Whether promoter, director or their relative or employee	Period held (i.e. dates of capitalisation provided in range)#	Reason for not being held in the name of the Company
Freehold Land	279.85	Not Applicable	No	March, 1928 to April, 2020	Title Deeds not available with the Company
Buildings	55.13	Not Applicable	No	March, 1974 to January, 1995	Title Deeds not available with the Company
Freehold Land	224.65	Tata Steel BSL Limited	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Freehold Land	147.19	Bhushan Steel Limited (earlier name of Tata Steel BSL Limited)	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Freehold Land	1.92	Bhushan Steel & Strips Limited (earlier name of Tata Steel BSL Limited)	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Buildings	3.08	Indian Tube Company Limited	No	January, 1960	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Buildings	24.70	Tata SSL Limited	No	January, 1989 to January,	For certain properties acquired through amalgamation/merger, the name change in the name of

				2000	the Company is pending
Right-of-use Land	523.65	Tata Steel BSL Limited	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Right-of-use Land	179.40	Bhushan Steel Limited (earlier name of Tata Steel BSL Limited)	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Right-of-use Land	139.93	Bhushan Steel & Strips Limited (earlier name of Tata Steel BSL Limited)	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Right-of-use Land	3.28	Jawahar Metal Industries Private Limited (earlier name of Tata Steel BSL Limited)	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Right-of-use Buildings	13.34	Tata Steel BSL Limited	No	April, 2020 to October, 2021	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Right-of-use Land	0.15	Not Applicable	No	Not Available	Lease Deed not available with the Company

In case of immovable properties acquired from Tata Steel BSL Limited which got merged with the Company in the preceding year have been considered with effect from the merger.

(C) (a) The physical verification of inventory (excluding stocks with third parties) has been conducted at reasonable intervals by the Management during the year and, in our opinion, the coverage and procedures of such verification by Management is appropriate. In respect of inventory lying with third parties, these have substantially been confirmed by them. In respect of inventories of stores and spares, the Management has a verification programme designed to cover the items over a period of three years. The discrepancies noticed on physical verification of inventory as compared to book records were not 10% or more in aggregate for each class of inventory.

(b) During the year, the Company has been sanctioned working capital limits in excess of Rs. 5 crore, in aggregate, from banks on the basis of security of current assets. The Company has filed quarterly returns or statements with such banks, which are in agreement with the books of account other than those as set out below.

Name of the Bank	Aggregate working capital limits sanctioned (Rs. crore)	Nature of Current Asset offered as Security	Quarter ended	Amount disclosed as per quarterly return/ statement (Rs. crore)	Amount as per books of account (Rs. crore)	Difference (Rs. crore)	Reasons for difference
State Bank of India and consortium of banks	2,000.00	Refer Note below	December 31, 2022	12,594.47	12,572.90	21.57	Incorrect amount of Creditors for Goods under Non-LC & others

Note: Pari-passu charge on the Company's entire current assets namely stock of raw materials, finished goods, stocks-in-process, consumables stores and spares and book debts at its plant sites or anywhere else, in favour of the Bank, by way of hypothecation.

The Company has filed the revised quarterly return/ statement with such banks for the above instance, in March, 2023, with the correct amounts, which are in agreement with the books of account.

Also refer Note 18(iv) to the standalone financial statements.

(D)

(a) The Company has, during the year, made investments in eight companies and sixteen mutual fund schemes, granted unsecured loans to four companies and eight hundred and forty-six employees and stood guarantee for five companies. The aggregate amount during the year, and balance outstanding at the balance sheet date with respect to such loans and guarantees to subsidiaries and to parties other than subsidiaries, joint ventures and associates are as per the table given below:

Particulars	Guarantees (Rs. crore)	Loans (Rs. crore)
Aggregate amount granted/ provided during the year		
Subsidiaries	478.80	3,674.60
Others	-	3.86
Balance outstanding (gross) as at balance sheet date in respect of the above cases		
Subsidiaries	349.05	3,436.75
Others	-	3.14

The above amounts are included in Note 7 on Loans and Note 35(B) on Commitments to the standalone financial statements.

(b) In respect of the aforesaid investments, guarantees and loans, the terms and conditions under which such investments were made, guarantees provided and loans were granted are not prejudicial to the Company's interest, based on the information and explanations provided by the Company.

(c) In respect of the loans outstanding as on the balance sheet date, the schedule of repayment of principal and payment of interest has been stipulated by the Company except for one loan aggregating Rs. 2.00 crore (fully provided in books) where no schedule of repayment of principal and payment of interest has been stipulated. Except for the aforesaid instance (where in the absence of stipulation of repayment/payment terms, we are unable to comment on the regularity of repayment of principal and payment of interest) and the following instance, the parties are repaying the principal amounts, as stipulated, and are also regular in payment of interest as applicable.

Name of the entity	Amount (Rs.crore)	Due Date	Extent of delay (provided in range)	Remarks
Tayo Rolls Limited	81.30	Multiple Dates	1,826 days - 2,421 days	The amounts pertain to principal and interest, which are overdue as at March 31, 2023. The company is under corporate insolvency resolution process. The Company has filed its claim as financial creditor. The amounts are fully provided in books.

(d) In respect of the following loan, the total amount overdue for more than ninety days as at March 31, 2023 is Rs. 81.30 crore. Based on the information and explanations given to us, the entity is under corporate insolvency resolution process and accordingly, the Company is not taking any further steps for the recovery of the principal and interest amounts, other than those mentioned in clause (iii)(c) above against Tayo Rolls Limited.

No. of cases	Principal Amount Overdue (Rs.crore)	Interest Overdue (Rs.crore)	Total Overdue (Rs.crore)	Remarks
One	67.00	14.30	81.30	The amounts are fully provided in books

(e) Following loans were granted to same parties, which has fallen due during the year and were renewed/extended. Further, no fresh loans were granted to same parties to settle the existing overdue loans.

Name of the parties	Aggregate amount of dues renewed or extended (Rs.crore)	Percentage of the aggregate to the total loans granted during the year
Tata Steel Downstream		

Products Limited	150.00	3.92%
Tata Steel Mining Limited	790.00	20.66%
Tata Steel Holdings Pte. Ltd.	1,643.45	42.97%

The above amounts are included in Note 7 on Loans to the standalone financial statements.

(f) The loans granted during the year, including to related parties had stipulated the scheduled repayment of principal and payment of interest and the same were not repayable on demand. No loans were granted during the year to promoters.

Details regarding auditors [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Auditors [Axis]	Auditor 1
	01/04/2022 to 31/03/2023
Details regarding auditors [Abstract]	
Details regarding auditors [LineItems]	
Category of auditor	Auditors firm
Name of audit firm	Price Waterhouse & Co Chartered Accountants LLP
Name of auditor signing report	Subramanian Vivek
Firms registration number of audit firm	304026E/E-300009
Membership number of auditor	100332
Address of auditors	56 & 57, Block DN, Ground Floor, A Wing, Sector V, Salt Lake, Kolkata, West Bengal-WB - 700091
Permanent account number of auditor or auditor's firm	AAHFP0187A
SRN of form ADT-1	F14391650
Date of signing audit report by auditors	02/05/2023
Date of signing of balance sheet by auditors	02/05/2023

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023
Disclosure in auditor's report explanatory [TextBlock]	Textual information (33) [See below]
Whether companies auditors report order is applicable on company	Yes
Whether auditors' report has been qualified or has any reservations or contains adverse remarks	No

Textual information (18)

Disclosure relating to quantitative details of fixed assets

(A) The Company is maintaining proper records showing full particulars, including quantitative details and situation, of Property, Plant and Equipment.

(B) The Company is maintaining proper records showing full particulars of Intangible Assets.

Textual information (19)

Disclosure relating to physical verification and material discrepancies of fixed assets

The Property, Plant and Equipment are physically verified by the Management according to a phased programme designed to cover all the items over a period of three years which, in our opinion, is reasonable having regard to the size of the Company and the nature of its assets. Pursuant to the programme, a portion of the Property, Plant and Equipment has been physically verified by the Management during the year and no material discrepancies have been noticed on such verification.

Textual information (20)

Disclosure in auditors report relating to compliance with Section 185 and 186 of Companies Act, 2013

In our opinion, and according to the information and explanations given to us, the Company has complied with the provisions of Sections 185 and 186 of the Companies Act, 2013 in respect of the loans and investments made, and guarantees and security provided by it, as applicable.

Textual information (21)

Disclosure in auditors report relating to deposits accepted

The Company has not accepted any deposits or amounts which are deemed to be deposits within the meaning of Sections 73, 74, 75 and 76 of the Act and the Rules framed there under to the extent notified.

Textual information (22)

Disclosure in auditors report relating to maintenance of cost records

Pursuant to the rules made by the Central Government of India, the Company is required to maintain cost records as specified under Section 148(1) of the Act in respect of its products. We have broadly reviewed the same and are of the opinion that, prima facie, the prescribed accounts and records have been made and maintained. We have not, however, made a detailed examination of the records with a view to determine whether they are accurate or complete.

Textual information (23)

Disclosure in auditors report relating to statutory dues [Text Block]

(a) According to the information and explanations given to us and the records of the Company examined by us, in our opinion, except for dues in respect of royalty, the Company is regular in depositing undisputed statutory dues, including provident fund, employees' state insurance, sales tax, income tax, service tax, duty of customs, duty of excise, value added tax, cess, goods and services tax and other material statutory dues, as applicable, with the appropriate authorities. We are informed that the Company has applied for exemption from operations of Employees' State Insurance Act at some locations. We are also informed that actions taken by the authorities at some locations to bring the employees of the Company under the Employees' State Insurance Scheme has been contested by the Company and payment has not been made of the contribution demanded. The extent of the arrears of statutory dues outstanding as at March 31, 2023, for a period of more than six months from the date they became payable are as follows:

Name of the statute	Nature of dues	Amount (Rs.crore)	Period to which the amount relates	Due date	Date of Payment
The Mines and Minerals (Development and Regulation) Amendment Act, 2021	Royalty	2,025.44	March, 2021 to September, 2022	Various dates till September 30, 2022	Not yet paid

(b) According to the information and explanations given to us and the records of the Company examined by us, the particulars of statutory dues referred to in sub-clause (a) as at March 31, 2023, which have not been deposited on account of a dispute, are as follows:

Name of the statute	Nature of dues	Amount (net of payments) (Rs. crore)	Amount paid (Rs.crore)	Period to which the amount relates (FY)	Forum where the dispute is pending
Income-tax Act, 1961	Income Tax	2,061.05	1,131.51	1998-1999, 2006-2014, 2015-2017, 2018-2019	Tribunal
		197.47	124.12	2013-2016, 2017-2018	Commissioner (Appeals)
Customs Act, 1962	Customs Duty	2.44	-	2017-2018	Commissioner
		153.89	53.43	2005-2008, 2010-2016, 2017-2019	Tribunal
		15.17	1.91	1993-1994, 2002-2003, 2017-2021	High Court
		6.59	3.77	2005-2009, 2013-2014	Supreme Court
Central Excise Act, 1944	Excise Duty	10.54	0.92	2017-2018	Additional Commissioner
		61.90	5.87	1988-1989, 1994-1997, 2013-2018	Commissioner
		1.88	1.07	2016-2017	Joint Commissioner
		565.62	37.21	2002-2005, 2006-2018	Tribunal
		33.12	0.10	1989-1990, 2003-2009	High Court
Goods & Services Tax Act, 2017	Goods & Services Tax	15.83	-	2017-2018	Additional Commissioner
		0.75	0.04	2018-2020	Assistant Commissioner
		0.16	-	2018-2019	Deputy Commissioner
		0.05	-	2017-2018	Commissioner

Sales Tax Laws	Sales Tax	0.41	0.19	1983-1984, 1988-1989, 1990-1991, 1992-1993, 1994-1996	Sales Tax Officer
		362.04	2.36	1983-1984, 2002-2003, 2012-2013, 2016-2018	Additional Commissioner
		6.30	3.63	1973-1974, 1980-1992, 1994-1997, 2004-2005, 2016-2018	Assistant Commissioner
		15.02	2.94	1975-1976, 1983-1988, 1994-1995, 1997-2002, 2007-2012, 2013-2014, 2016-2019	Deputy Commissioner
		215.40	4.56	1988-1990, 1991-1992, 1993-1995, 2001-2004, 2013-2014	Commissioner
		66.25	0.50	2011-2013, 2014-2018	Joint Commissioner
		46.67	8.14	1977-1978, 1980-1981, 1983-1985, 1987-1988, 1989-1999, 2000-2002, 2003-2010, 2013-2016	Tribunal
		32.13	12.13	1977-1979, 1983-1984, 1991-1993, 1995-1997, 2000-2004, 2008-2009	High Court
Sales Tax Laws	Sales Tax (VAT)	69.28	0.46	2005-2006, 2012-2017	Additional Commissioner
		0.68	0.12	2005-2007, 2016-2018	Assistant Commissioner
		140.57	1.78	2004-2007, 2009-2018	Deputy Commissioner
		10.99	0.08	2006-2011, 2014-2015	Commissioner
		31.33	2.00	2011-2013, 2014-2017	Joint Commissioner
		6.72	2.90	2005-2010, 2012-2015, 2016-2017	Tribunal
		252.84	1.07	2001-2002, 2003-2004, 2007-2008, 2012-2016	High Court
Service Tax Laws	Service tax	0.74	0.03	2013-2018	Assistant Commissioner
		2.75	0.10	2004-2008, 2012-2017	Commissioner
		3.18	0.12	2016-2018	Joint Commissioner
		372.91	14.14	2007-2018	Tribunal
		0.30	-	2010-2011	High Court
Bihar Electricity Duty Act, 1948	Electricity Duty	0.59	-	2006-2011	Commercial Tax Officer
		3.82	-	2012-2013, 2014-2016	Deputy Commissioner
		7.18	0.03	2002-2003, 2008-2012	State Tax Officer
		0.31	-	1976-1980, 2004-2008	Tribunal
	Employee				

Employee State Insurance Act, 1948	State Insurance	21.37	-	1996-1997	High Court
Entry Tax Laws	Entry Tax	6.02	-	2008-2009, 2011-2012, 2014-2015	Assessing Officer
		0.35	0.29	2007-2011, 2014-2015	Additional Commissioner
		0.37	4.86	2009-2021	Assistant Commissioner
		0.95	0.56	2001-2002, 2005-2007	Deputy Commissioner
		0.11	0.24	2008-2012	Joint Commissioner
		1.19	1.21	2007-2011	Tribunal
		318.65	14.35	1999-2003, 2005-2018	High Court
Mines and Mineral (Development and Regulation) Act, 1957	Excess Mining / Common Cause	2,140.30	-	2000-2017	Revisional Authority, Ministry of Mines
		132.91	-	1998-2011	Additional Chief Secretary, Steel & Mines
		2,994.49	573.83	2011-2015	High Court
Jharkhand Mineral Area Development Authority Act, 2000	Mineral Area Development Fee	58.51	18.00	2005-2007, 2008-2010, 2011-2014, 2016-2017	High Court
		8.23	-	1992-1995, 2005-2006	Supreme Court
Employees Provident Fund & Miscellaneous Provisions Act, 1952	Provident Fund	-	1.02	1997-1998	High Court
Mineral Concession Rules, 1960	Royalty on Minerals	408.48	2.60	2009-2015	Mines Tribunal
		1,366.78	1,211.92	2000-2008	Supreme Court
Indian Stamp Act, 1899	Stamp Duty	5,165.00	414.00	2013-2014	High Court
State Water Tax Laws	Water Tax	1,361.75	511.48	1980-1994, 1995-2023	High Court

The following matter has been decided in favour of the Company although the department has preferred appeal at higher levels:

Name of the statute	Nature of dues	Amount (net of payments) (Rs.crore)	Period to which the amount relates (FY)	Forum where the dispute is pending
Customs Act, 1962	Customs Duty	248.24	2006-2009	Supreme Court
Central Excise Act, 1944	Excise Duty	235.48	2004-2005	Supreme Court
		16.34	2009-2010	Tribunal

Textual information (24)

Disclosure relating to regularity in payment of undisputed statutory dues [Text Block]

According to the information and explanations given to us and the records of the Company examined by us, the particulars of statutory dues referred to in sub-clause (a) as at March 31, 2023, which have not been deposited on account of a dispute, are as follows:

Name of the statute	Nature of dues	Amount (net of payments) (Rs. crore)	Amount paid (Rs.crore)	Period to which the amount relates (FY)	Forum where the dispute is pending
Income-tax Act, 1961	Income Tax	2,061.05	1,131.51	1998-1999, 2006-2014, 2015-2017, 2018-2019	Tribunal
		197.47	124.12	2013-2016, 2017-2018	Commissioner (Appeals)
Customs Act, 1962	Customs Duty	2.44	-	2017-2018	Commissioner
		153.89	53.43	2005-2008, 2010-2016, 2017-2019	Tribunal
		15.17	1.91	1993-1994, 2002-2003, 2017-2021	High Court
		6.59	3.77	2005-2009, 2013-2014	Supreme Court
Central Excise Act, 1944	Excise Duty	10.54	0.92	2017-2018	Additional Commissioner
		61.90	5.87	1988-1989, 1994-1997, 2013-2018	Commissioner
		1.88	1.07	2016-2017	Joint Commissioner
		565.62	37.21	2002-2005, 2006-2018	Tribunal
		33.12	0.10	1989-1990, 2003-2009	High Court
Goods & Services Tax Act, 2017	Goods & Services Tax	15.83	-	2017-2018	Additional Commissioner
		0.75	0.04	2018-2020	Assistant Commissioner
		0.16	-	2018-2019	Deputy Commissioner
		0.05	-	2017-2018	Commissioner
Sales Tax Laws	Sales Tax	0.41	0.19	1983-1984, 1988-1989, 1990-1991, 1992-1993, 1994-1996	Sales Tax Officer
		362.04	2.36	1983-1984, 2002-2003, 2012-2013, 2016-2018	Additional Commissioner
		6.30	3.63	1973-1974, 1980-1992, 1994-1997, 2004-2005, 2016-2018	Assistant Commissioner
		15.02	2.94	1975-1976, 1983-1988, 1994-1995, 1997-2002, 2007-2012, 2013-2014, 2016-2019	Deputy Commissioner
		215.40	4.56	1988-1990, 1991-1992, 1993-1995, 2001-2004, 2013-2014	Commissioner

		66.25	0.50	2011-2013, 2014-2018	Joint Commissioner
		46.67	8.14	1977-1978, 1980-1981, 1983-1985, 1987-1988, 1989-1999, 2000-2002, 2003-2010, 2013-2016	Tribunal
		32.13	12.13	1977-1979, 1983-1984, 1991-1993, 1995-1997, 2000-2004, 2008-2009	High Court
Sales Tax Laws	Sales Tax (VAT)	69.28	0.46	2005-2006, 2012-2017	Additional Commissioner
		0.68	0.12	2005-2007, 2016-2018	Assistant Commissioner
		140.57	1.78	2004-2007, 2009-2018	Deputy Commissioner
		10.99	0.08	2006-2011, 2014-2015	Commissioner
		31.33	2.00	2011-2013, 2014-2017	Joint Commissioner
		6.72	2.90	2005-2010, 2012-2015, 2016-2017	Tribunal
		252.84	1.07	2001-2002, 2003-2004, 2007-2008, 2012-2016	High Court
Service Tax Laws	Service tax	0.74	0.03	2013-2018	Assistant Commissioner
		2.75	0.10	2004-2008, 2012-2017	Commissioner
		3.18	0.12	2016-2018	Joint Commissioner
		372.91	14.14	2007-2018	Tribunal
		0.30	-	2010-2011	High Court
Bihar Electricity Duty Act, 1948	Electricity Duty	0.59	-	2006-2011	Commercial Tax Officer
		3.82	-	2012-2013, 2014-2016	Deputy Commissioner
		7.18	0.03	2002-2003, 2008-2012	State Tax Officer
		0.31	-	1976-1980, 2004-2008	Tribunal
Employee State Insurance Act, 1948	Employee State Insurance	21.37	-	1996-1997	High Court
Entry Tax Laws	Entry Tax	6.02	-	2008-2009, 2011-2012, 2014-2015	Assessing Officer
		0.35	0.29	2007-2011, 2014-2015	Additional Commissioner
		0.37	4.86	2009-2021	Assistant Commissioner
		0.95	0.56	2001-2002, 2005-2007	Deputy Commissioner
					Joint

		0.11	0.24	2008-2012	Commissioner
		1.19	1.21	2007-2011	Tribunal
		318.65	14.35	1999-2003, 2005-2018	High Court
Mines and Mineral (Development and Regulation) Act, 1957	Excess Mining / Common Cause	2,140.30	-	2000-2017	Revisional Authority, Ministry of Mines
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Jharkhand Mineral Area Development Authority Act, 2000	Mineral Area Development Fee	58.51	18.00	2005-2007, 2008-2010, 2011-2014, 2016-2017	High Court
		8.23	-	1992-1995, 2005-2006	Supreme Court
Employees Provident Fund & Miscellaneous Provisions Act, 1952	Provident Fund	-	1.02	1997-1998	High Court
Mineral Concession Rules, 1960	Royalty on Minerals	408.48	2.60	2009-2015	Mines Tribunal
		1,366.78	1,211.92	2000-2008	Supreme Court
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State Water Tax Laws	Water Tax	1,361.75	511.48	1980-1994, 1995-2023	High Court

The following matter has been decided in favour of the Company although the department has preferred appeal at higher levels:

Name of the statute	Nature of dues	Amount (net of payments) (Rs.crore)	Period to which the amount relates (FY)	Forum where the dispute is pending
Customs Act, 1962	Customs Duty	248.24	2006-2009	Supreme Court
Central Excise Act, 1944	Excise Duty	235.48	2004-2005	Supreme Court
		16.34	2009-2010	Tribunal

Textual information (25)

Disclosure relating to disputed statutory dues [Text Block]

According to the information and explanations given to us and the records of the Company examined by us, the particulars of statutory dues referred to in sub-clause (a) as at March 31, 2023, which have not been deposited on account of a dispute, are as follows:

Name of the statute	Nature of dues	Amount (net of payments) (Rs. crore)	Amount paid (Rs.crore)	Period to which the amount relates (FY)	Forum where the dispute is pending
Income-tax Act, 1961	Income Tax	2,061.05	1,131.51	1998-1999, 2006-2014, 2015-2017, 2018-2019	Tribunal
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		153.89	53.43	2005-2008, 2010-2016, 2017-2019	Tribunal
		15.17	1.91	1993-1994, 2002-2003, 2017-2021	High Court
		6.59	3.77	2005-2009, 2013-2014	Supreme Court
Central Excise Act, 1944	Excise Duty	10.54	0.92	2017-2018	Additional Commissioner
		61.90	5.87	1988-1989, 1994-1997, 2013-2018	Commissioner
		1.88	1.07	2016-2017	Joint Commissioner
		565.62	37.21	2002-2005, 2006-2018	Tribunal
		33.12	0.10	1989-1990, 2003-2009	High Court
Goods & Services Tax Act, 2017	Goods & Services Tax	15.83	-	2017-2018	Additional Commissioner
		0.75	0.04	2018-2020	Assistant Commissioner
		0.16	-	2018-2019	Deputy Commissioner
		0.05	-	2017-2018	Commissioner
Sales Tax Laws	Sales Tax	0.41	0.19	1983-1984, 1988-1989, 1990-1991, 1992-1993, 1994-1996	Sales Tax Officer
		362.04	2.36	1983-1984, 2002-2003, 2012-2013, 2016-2018	Additional Commissioner
		6.30	3.63	1973-1974, 1980-1992, 1994-1997, 2004-2005, 2016-2018	Assistant Commissioner
		15.02	2.94	1975-1976, 1983-1988, 1994-1995, 1997-2002, 2007-2012, 2013-2014, 2016-2019	Deputy Commissioner
		215.40	4.56	1988-1990, 1991-1992, 1993-1995, 2001-2004, 2013-2014	Commissioner

		66.25	0.50	2011-2013, 2014-2018	Joint Commissioner
		46.67	8.14	1977-1978, 1980-1981, 1983-1985, 1987-1988, 1989-1999, 2000-2002, 2003-2010, 2013-2016	Tribunal
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		0.37	4.86	2009-2021	Assistant Commissioner
		0.95	0.56	2001-2002, 2005-2007	Deputy Commissioner
					Joint

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		1.19	1.21	2007-2011	Tribunal
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		2,994.49	573.83	2011-2015	High Court
Jharkhand Mineral Area Development Authority Act, 2000	Mineral Area Development Fee	58.51	18.00	2005-2007, 2008-2010, 2011-2014, 2016-2017	High Court
		8.23	-	1992-1995, 2005-2006	Supreme Court
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Central Excise Act, 1944	Excise Duty	235.48	2004-2005	Supreme Court
		16.34	2009-2010	Tribunal

Textual information (26)

Disclosure in auditors report relating to default in repayment of financial dues

(a) According to the records of the Company examined by us and the information and explanations given to us, the Company has not defaulted in repayment of loans or other borrowings or in the payment of interest to any lender during the year. Also refer Note 18(ii) on Borrowings to the standalone financial statements.

(b) According to the information and explanations given to us and on the basis of our audit procedures, we report that the Company has not been declared Wilful Defaulter by any bank or financial institution or government or any government authority.

(c) In our opinion, and according to the information and explanations given to us, the term loans have been applied, on an overall basis, for the purposes for which they were obtained.

(d) According to the information and explanations given to us, and the procedures performed by us, and on an overall examination of the standalone financial statements of the Company, we report that no funds raised on short-term basis have been used for long-term purposes by the Company.

(e) According to the information and explanations given to us and on an overall examination of the standalone financial statements of the Company, we report that the Company has not taken any funds from any entity or person on account of or to meet the obligations of its subsidiaries, associates or joint ventures.

(f) According to the information and explanations given to us and procedures performed by us, we report that the Company has not raised loans during the year on the pledge of securities held in its subsidiaries, joint ventures or associate companies.

Textual information (27)

Disclosure in auditors report relating to public offer and term loans used for purpose for which those were raised

The Company has not raised any money by way of initial public offer or further public offer (including debt instruments) during the year. In our opinion, and according to the information and explanations given to us, the monies raised by way of further public offer in an earlier year have been applied, on an overall basis, for the purposes for which they were obtained.

Textual information (28)

Disclosure in auditors report relating to fraud by the company or on the company by its officers or its employees reported during period

(a) During the course of our examination of the books and records of the Company, carried out in accordance with the generally accepted auditing practices in India, and according to the information and explanations given to us, we have neither come across any instance of material fraud by the Company or on the Company, noticed or reported during the year, nor have we been informed of any such case by the Management.

(b) During the course of our examination of the books and records of the Company, carried out in accordance with the generally accepted auditing practices in India, and according to the information and explanations given to us, a report under Section 143(12) of the Act, in Form ADT-4, as prescribed under rule 13 of Companies (Audit and Auditors) Rules, 2014 was not required to be filed with the Central Government. Accordingly, the reporting under clause 3(xi)(b) of the Order is not applicable to the Company.

(c) During the course of our examination of the books and records of the Company carried out in accordance with the generally accepted auditing practices in India, and according to the information and explanations given to us, the Company has received whistle-blower complaints during the year, which have been considered by us for any bearing on our audit and reporting under this clause. As explained by the management, there were certain complaints in respect of which investigations are ongoing as on the date of our report and hence, the impact on our audit report in respect of those complaints cannot be determined at this stage.

Textual information (29)

Disclosure in auditors report relating to transactions with related parties

The Company has entered into transactions with related parties in compliance with the provisions of Sections 177 and 188 of the Act. The details of such related party transactions have been disclosed in the standalone financial statements as required under Indian Accounting Standard 24 "Related Party Disclosures" specified under Section 133 of the Act.

Textual information (30)

Disclosure in auditors report relating to preferential allotment or private placement of shares or convertible debentures

The Company has not made any preferential allotment or private placement of shares or fully or partially or optionally convertible debentures during the year. Accordingly, the reporting under clause 3(x) (b) of the Order is not applicable to the Company.

Textual information (31)

Disclosure in auditors report relating to non-cash transactions with directors or persons connected with him

The Company has not entered into any non-cash transactions with its directors or persons connected with him. Accordingly, the reporting on compliance with the provisions of Section 192 of the Act under clause 3(xv) of the Order is not applicable to the Company.

Textual information (32)

Disclosure in auditors report relating to registration under section 45-IA of Reserve Bank of India Act, 1934

The Company is not required to be registered under Section 45-IA of the Reserve Bank of India Act, 1934. Accordingly, the reporting under clause 3(xvi)(a) of the Order is not applicable to the Company.

Textual information (33)

Disclosure in auditor's report explanatory [Text Block]

INDEPENDENT AUDITOR'S REPORT

To the Members of Tata Steel Limited

Report on the Audit of the Standalone Financial Statements

Opinion

1. We have audited the accompanying standalone financial statements of Tata Steel Limited (the "Company"), which comprise the Balance Sheet as at March 31, 2023, and the Statement of Profit and Loss (including Other Comprehensive Income), the Statement of Changes in Equity and the Statement of Cash Flows for the year then ended, and notes to the standalone financial statements, including a summary of significant accounting policies and other explanatory information.

2. In our opinion and to the best of our information and according to the explanations given to us, the aforesaid standalone financial statements give the information required by the Companies Act, 2013 (the "Act") in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India, of the state of affairs of the Company as at March 31, 2023 and total comprehensive income (comprising of profit and other comprehensive income), changes in equity and its cash flows for the year then ended.

Basis for Opinion

3. We conducted our audit in accordance with the Standards on Auditing (SAs) specified under Section 143(10) of the Act. Our responsibilities under those Standards are further described in the "Auditor's Responsibilities for the Audit of the Standalone Financial Statements" section of our report. We are independent of the Company in accordance with the Code of Ethics issued by the Institute of Chartered Accountants of India together with the ethical requirements that are relevant to our audit of the standalone financial statements under the provisions of the Act and the Rules thereunder, and we have fulfilled our other ethical responsibilities in accordance with these requirements and the Code of Ethics. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Emphasis of Matter

4. We draw your attention to Note 6(iv) to the standalone financial statements which states that the ability of Tata Steel Europe (TSE), the step-down subsidiary of T Steel Holdings Pte. Ltd. (TSH), a subsidiary of the Company, to continue as a going concern is dependent on the outcome of measures taken as stated therein and the availability of future funding requirements, which may have a consequential impact on the carrying amount of investments of Rs.19,684.89 crore in TSH as at March 31, 2023.

Our Opinion is not modified in respect of the above matter.

Key audit matters

5. Key audit matters are those matters that, in our professional judgement, were of most significance in our audit of the standalone financial statements of the current period. These matters were addressed in the context of our audit of the standalone financial statements as a whole and in forming our opinion thereon, and we do not provide a separate opinion on these matters.

Key audit matter	How our audit addressed the key audit matter
Assessment of litigations and related disclosure of contingent liabilities	Our audit procedures included the following:
	<ul style="list-style-type: none"> We understood, assessed and tested the design and operating

[Refer to Note 2 (c) to the standalone financial statements– “Use of estimates and critical accounting judgements – Provisions and contingent liabilities”, Note 35 (A) to the standalone financial statements “Contingencies” and Note 36 to the standalone financial statements – “Other significant litigations”]

effectiveness of key controls

	surrounding assessment of litigations relating to the relevant laws and regulations;
As at March 31, 2023, the Company has exposures towards litigations relating to various matters as set out in the aforesaid Notes. Significant management judgement is required to assess such matters to determine the probability of occurrence of material outflow of economic resources and whether a provision should be recognised or a disclosure should be made. The management judgement is also supported with legal advice in certain cases as considered appropriate. As the ultimate outcome of the matters are uncertain and the positions taken by the management are based on the application of their best judgement, related legal advice including those relating to interpretation of laws/ regulations, it is considered to be a Key Audit Matter.	<ul style="list-style-type: none"> • We have reviewed the legal and other professional expenses and enquired with the management for recent developments and the status of the material litigations which were reviewed;
	<ul style="list-style-type: none"> • We performed our assessment on a test basis on the underlying calculations supporting the contingent liabilities/other significant litigations disclosed in the standalone financial statements;
	<ul style="list-style-type: none"> • We used auditor's experts/specialists to gain an understanding and to evaluate the disputed tax matters;
	<ul style="list-style-type: none"> • We considered external legal opinions, where relevant, obtained by management;
	<ul style="list-style-type: none"> • We evaluated management's assessments by understanding precedents set in similar cases and assessed the reliability of the management's past estimates/judgements;
	<ul style="list-style-type: none"> • We evaluated management's assessment around those matters that are not disclosed or not considered as contingent liability, as the probability of material outflow is considered to be remote by the management; and
	<ul style="list-style-type: none"> • We assessed the adequacy of the Company's disclosures.
	Based on the above work performed, the assessment in respect of litigations and related disclosures relating to contingent liabilities/other significant litigations in the standalone financial statements is considered to be reasonable.
Assessment of carrying value of investments in Non-Convertible Redeemable Preference Shares and Equity Shares of Tata Steel Long Products Limited (TSLP) and Neelachal Ispat Nigam Limited (NINL), subsidiaries respectively	Our audit procedures included the following:
[Refer to Note 2(c) to the standalone financial statements – "Use of estimates and critical accounting judgements – Impairment", Note 2(m) to the standalone financial statements – "Investments in subsidiaries, associates and joint ventures" and Note 6 to the standalone financial statements – "Investments", Note 2(n)(l) to the standalone financial statements – "Financial assets", Note 6(v) to the standalone financial statements]	<ul style="list-style-type: none"> • We obtained an understanding from the management, assessed and tested the design and operating effectiveness of the Company's key controls over the impairment assessment of investments.

The Company's investment in 0.01% non-convertible, non-cumulative redeemable preference shares (NCRPS) in its subsidiary Tata Steel Long Products Limited (TSLP) and equity investment in its step-down subsidiary Neelachal Ispat Nigam Limited (NINL) amounts to Rs.13,983.08 crore and Rs.396.69 crore respectively.	<ul style="list-style-type: none"> • We evaluated the appropriateness of the Company's accounting policy in respect of impairment assessment of investments in subsidiaries.
The Company accounts for investment in NCRPS of Tata Steel Long Products Limited initially at fair value and subsequently at amortised cost. Contractual cash flows from the NCRPS represent the principal (Rs.12,700 crore) plus accrued interest (Rs.1,283.08 crore) aggregating to Rs.13,983.08 crore as on March 31, 2023. These investments have been made in TSLP for acquisition of NINL at a consideration of Rs.12,100 crore and for meeting the fund requirements/obligations of NINL.	<ul style="list-style-type: none"> • We evaluated the Company's process regarding impairment assessment by involving auditor's valuation experts, where considered necessary, to assist in assessing the appropriateness of the impairment assessment model, underlying assumptions relating to discount rate, terminal value etc.
The above equity investment in NINL is carried at cost.	<ul style="list-style-type: none"> • We evaluated the cash flow forecasts/ incremental cash flows by comparing them to the budgets and our understanding of the internal and external factors.
Where an indication of impairment exists, the carrying value of investment is assessed for impairment and where applicable an impairment provision is recognised.	<ul style="list-style-type: none"> • We checked the mathematical accuracy of the impairment model and agreed the relevant data with the latest budgets, actual past results and other supporting documents, as applicable.
The impairment assessment for such investments have been carried out by the management in accordance with Ind AS 36 and Ind AS 109, as applicable. The key inputs and judgements involved in the impairment of unquoted investments include:	<ul style="list-style-type: none"> • We assessed the sensitivity analysis and evaluated whether any reasonably foreseeable change in assumptions could lead to impairment.
<ul style="list-style-type: none"> • Cash flows forecast/incremental cash flows including assumptions on capacity expansion 	<ul style="list-style-type: none"> • We have discussed the key assumptions and sensitivities with those charged with governance.
<ul style="list-style-type: none"> • Discount rates 	<ul style="list-style-type: none"> • We evaluated the appropriateness of the disclosures made in the standalone financial statements.
<ul style="list-style-type: none"> • Terminal growth rate 	Based on the above procedures performed, we did not identify any significant exceptions in the management's assessment in relation to the carrying value of investments in aforesaid subsidiaries.
<ul style="list-style-type: none"> • Economic and entity specific factors incorporated in the valuation. 	
The accounting for above investments is a Key Audit Matter as the determination of recoverable value for impairment assessment involves significant management judgement and estimates.	

Other Information

6. The Company's Board of Directors is responsible for the other information. The other information comprises the information included in the Integrated Report, Board's Report along with its Annexures and Financial Highlights included in the Company's Annual report (titled as 'Tata Steel Integrated Report & Annual Accounts 2022-23') but does not include the standalone financial statements and our auditor's report thereon.

Our opinion on the standalone financial statements does not cover the other information and we do not express any form of assurance conclusion

thereon.

In connection with our audit of the standalone financial statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the standalone financial statements or our knowledge obtained in the audit or otherwise appears to be materially misstated. If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact.

We have nothing to report in this regard.

Responsibilities of management and those charged with governance for the Standalone Financial Statements

7. The Company's Board of Directors is responsible for the matters stated in Section 134(5) of the Act with respect to the preparation of these standalone financial statements that give a true and fair view of the financial position, financial performance, changes in equity and cash flows of the Company in accordance with the accounting principles generally accepted in India, including the Accounting Standards specified under Section 133 of the Act. This responsibility also includes maintenance of adequate accounting records in accordance with the provisions of the Act for safeguarding of the assets of the Company and for preventing and detecting frauds and other irregularities; selection and application of appropriate accounting policies; making judgments and estimates that are reasonable and prudent; and design, implementation and maintenance of adequate internal financial controls, that were operating effectively for ensuring the accuracy and completeness of the accounting records, relevant to the preparation and presentation of the standalone financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

8. In preparing the standalone financial statements, management is responsible for assessing the Company's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Company or to cease operations, or has no realistic alternative but to do so. Those Board of Directors are also responsible for overseeing the Company's financial reporting process.

Auditor's Responsibilities for the Audit of the Standalone Financial Statements

9. Our objectives are to obtain reasonable assurance about whether the standalone financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not a guarantee that an audit conducted in accordance with SAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these standalone financial statements.

10. As part of an audit in accordance with SAs, we exercise professional judgement and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the standalone financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances. Under Section 143(3) (i) of the Act, we are also responsible for expressing our opinion on whether the Company has adequate internal financial controls with reference to standalone financial statements in place and the operating effectiveness of such controls.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Company's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the standalone financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Company to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the standalone financial statements, including the disclosures, and whether the standalone financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

11. We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

12. We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

13. From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the standalone financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditor's report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

Report on other legal and regulatory requirements

14. As required by the Companies (Auditor's Report) Order, 2020 ("the Order"), issued by the Central Government of India in terms of sub-section (11) of Section 143 of the Act, we give in the Annexure B a statement on the matters specified in paragraphs 3 and 4 of the Order, to the extent applicable.

15. As required by Section 143(3) of the Act, we report that:

(a) We have sought and obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of our audit.

(b) In our opinion, proper books of account as required by law have been kept by the Company so far as it appears from our examination of those books.

(c) The Balance Sheet, the Statement of Profit and Loss (including other comprehensive income), the Statement of Changes in Equity and the Statement of cashflows dealt with by this Report are in agreement with the books of account.

(d) In our opinion, the aforesaid standalone financial statements comply with the Accounting Standards specified under Section 133 of the Act.

(e) On the basis of the written representations received from the directors, taken on record by the Board of Directors, none of the directors is disqualified as on March 31, 2023, from being appointed as a director in terms of Section 164(2) of the Act.

(f) With respect to the adequacy of the internal financial controls with reference to standalone financial statements of the Company and the operating effectiveness of such controls, refer to our separate Report in "Annexure A".

(g) With respect to the other matters to be included in the Auditor's Report in accordance with Rule 11 of the Companies (Audit and Auditors) Rules, 2014 (as amended), in our opinion and to the best of our information and according to the explanations given to us:

i. The Company has disclosed the impact of pending litigations as on March 31, 2023 on its financial position in its standalone financial statements – Refer Note 35(A) and 36 to the standalone financial statements;

ii. The Company was not required to recognise a provision as at March 31, 2023 under the applicable law or accounting standards, as it does not have any material foreseeable losses on long-term contracts (including derivative contracts).

iii. There has been no delay in transferring amounts, required to be transferred, to the Investor Education and Protection Fund by the Company during the year ended March 31, 2023 except for amount aggregating to Rs.6.72 crore, which according to the information and explanations provided by the management is held in abeyance due to dispute/ pending legal cases.

iv. (a) The management has represented that, to the best of its knowledge and belief, other than as disclosed in the Notes to the standalone financial statements, no funds have been advanced or loaned or invested (either from borrowed funds or share premium or any other sources or

kind of funds) by the Company to or in any other person(s) or entity(ies), including foreign entities (“Intermediaries”), with the understanding,

whether recorded in writing or otherwise, that the Intermediary shall, whether, directly or indirectly, lend or invest in other persons or entities identified in any manner whatsoever by or on behalf of the Company (“Ultimate Beneficiaries”) or provide any guarantee, security or the like on behalf of the Ultimate Beneficiaries [Refer Notes 6(xi) and 7(iv) to the standalone financial statements];

(b) The management has represented that, to the best of its knowledge and belief, no funds have been received by the Company from any person(s) or entity(ies), including foreign entities (“Funding Parties”), with the understanding, whether recorded in writing or otherwise, that the Company shall, whether, directly or indirectly, lend or invest in other persons or entities identified in any manner whatsoever by or on behalf of the Funding Party (“Ultimate Beneficiaries”) or provide any guarantee, security or the like on behalf of the Ultimate Beneficiaries [Refer Notes 6(xii) and 7(v) to the standalone financial statements]; and

(c) Based on such audit procedures that we considered reasonable and appropriate in the circumstances, nothing has come to our notice that has caused us to believe that the representations under sub-clause (a) and (b) contain any material misstatement.

v. The dividend declared and paid during the year by the Company is in compliance with Section 123 of the Act, except for dividend amounting to Rs.4.16 crore, which has been paid subsequently without depositing the amount to a separate bank account. [Also refer note C(i) to the standalone financial statements]

vi. As proviso to Rule 3(1) of the Companies (Accounts) Rules, 2014 (as amended), which provides for books of account to have the feature of audit trail, edit log and related matters in the accounting software used by the Company, is applicable to the Company only with effect from financial year beginning April 1, 2023, the reporting under clause (g) of Rule 11 of the Companies (Audit and Auditors) Rules, 2014 (as amended), is currently not applicable.

16. The Company has paid/ provided for managerial remuneration in accordance with the requisite approvals mandated by the provisions of Section 197 read with Schedule V to the Act.

For Price Waterhouse & Co Chartered Accountants LLP
Firm Registration Number: 304026E/E-300009

Subramanian Vivek
Partner
Membership Number 100332
UDIN: 23100332BGYVTL5217

Place: Mumbai
Date: May 2, 2023

ANNEXURE A TO INDEPENDENT AUDITOR’S REPORT

Referred to in paragraph 15 (f) of the Independent Auditor’s Report of even date to the members of Tata Steel Limited on the standalone financial statements as of and for the year ended March 31, 2023.

Report on the Internal Financial Controls with reference to Standalone Financial Statements under clause (i) of sub-section 3 of Section 143 of the Act

1. We have audited the internal financial controls with reference to standalone financial statements of Tata Steel Limited (“the Company”) as of March 31, 2023 in conjunction with our audit of the standalone financial statements of the Company for the year ended on that date.

Management’s Responsibility for Internal Financial Controls

2. The Company’s management is responsible for establishing and maintaining internal financial controls based on the internal control over financial reporting criteria established by the Company considering the essential components of internal control stated in the Guidance Note on Audit of Internal Financial Controls Over Financial Reporting (“the Guidance Note”) issued by the Institute of Chartered Accountants of India (“ICAI”).

These responsibilities include the design, implementation and maintenance of adequate internal financial controls that were operating effectively for ensuring the orderly and efficient conduct of its business, including adherence to company’s policies, the safeguarding of its assets, the

prevention and detection of frauds and errors, the accuracy and completeness of the accounting records, and the timely preparation of reliable financial information, as required under the Act.

Auditor's Responsibility

3. Our responsibility is to express an opinion on the Company's internal financial controls with reference to standalone financial statements based on our audit. We conducted our audit in accordance with the Guidance Note and the Standards on Auditing deemed to be prescribed under Section 143(10) of the Act to the extent applicable to an audit of internal financial controls, both applicable to an audit of internal financial controls and both issued by the ICAI. Those Standards and the Guidance Note require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether adequate internal financial controls with reference to standalone financial statements was established and maintained and if such controls operated effectively in all material respects.

4. Our audit involves performing procedures to obtain audit evidence about the adequacy of the internal financial controls system with reference to standalone financial statements and their operating effectiveness. Our audit of internal financial controls with reference to standalone financial statements included obtaining an understanding of internal financial controls with reference to financial statements, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the standalone financial statements, whether due to fraud or error.

5. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion on the Company's internal financial controls system with reference to standalone financial statements.

Meaning of Internal Financial Controls with reference to financial statements

6. A company's internal financial controls with reference to financial statements is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal financial controls with reference to financial statements includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorisations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorised acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Inherent Limitations of Internal Financial Controls with reference to financial statements

7. Because of the inherent limitations of internal financial controls with reference to financial statements, including the possibility of collusion or improper management override of controls, material misstatements due to error or fraud may occur and not be detected. Also, projections of any evaluation of the internal financial controls with reference to financial statements to future periods are subject to the risk that the internal financial controls with reference to financial statements may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

Opinion

8. In our opinion, the Company has, in all material respects, an adequate internal financial controls system with reference to standalone financial statements and such internal financial controls with reference to standalone financial statements were operating effectively as at March 31, 2023, based on the internal control over financial reporting criteria established by the Company considering the essential components of internal control stated in the Guidance Note issued by ICAI.

For Price Waterhouse & Co Chartered Accountants LLP
Firm Registration Number: 304026E/E-300009

Subramanian Vivek
Partner
Membership Number 100332
UDIN: 23100332BGYVTL5217

Place: Mumbai
Date: May 2, 2023

ANNEXURE B TO INDEPENDENT AUDITORS REPORT

Referred to in paragraph 14 of the Independent Auditors' Report of even date to the members of Tata Steel Limited on the standalone financial statements as of and for the year ended March 31, 2023.

i. (a) (A) The Company is maintaining proper records showing full particulars, including quantitative details and situation, of Property, Plant and Equipment.

(B) The Company is maintaining proper records showing full particulars of Intangible Assets.

(b) The Property, Plant and Equipment are physically verified by the Management according to a phased programme designed to cover all the items over a period of three years which, in our opinion, is reasonable having regard to the size of the Company and the nature of its assets. Pursuant to the programme, a portion of the Property, Plant and Equipment has been physically verified by the Management during the year and no material discrepancies have been noticed on such verification.

(c) The title deeds of all the immovable properties (other than properties where the Company is the lessee and the lease agreements are duly executed in favour of the lessee), as disclosed in Note 3 on Property, plant and equipment and Note 4 on Right-of-use assets to the standalone financial statements, are held in the name of the Company, except for the following:

Description of property	Gross carrying value (Rs. Crore)	Held in the name of	Whether promoter, director or their relative or employee	Period held (i.e. dates of capitalisation provided in range)#	Reason for not being held in the name of the Company
Freehold Land	279.85	Not Applicable	No	March, 1928 to April, 2020	Title Deeds not available with the Company
Buildings	55.13	Not Applicable	No	March, 1974 to January, 1995	Title Deeds not available with the Company
Freehold Land	224.65	Tata Steel BSL Limited	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Freehold Land	147.19	Bhushan Steel Limited (earlier name of Tata Steel BSL Limited)	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Freehold Land	1.92	Bhushan Steel & Strips Limited (earlier name of Tata Steel BSL Limited)	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Buildings	3.08	Indian Tube Company Limited	No	January, 1960	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Buildings	24.70	Tata SSL Limited	No	January, 1989 to January, 2000	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Right-of-use Land	523.65	Tata Steel BSL Limited	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
		Bhushan Steel Limited			For certain properties acquired

Right-of-use Land	179.40	(earlier name of Tata Steel BSL Limited)	No	April, 2020	through amalgamation/merger, the name change in the name of the Company is pending
Right-of-use Land	139.93	Bhushan Steel & Strips Limited (earlier name of Tata Steel BSL Limited)	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Right-of-use Land	3.28	Jawahar Metal Industries Private Limited (earlier name of Tata Steel BSL Limited)	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Right-of-use Buildings	13.34	Tata Steel BSL Limited	No	April, 2020 to October, 2021	For certain properties acquired through amalgamation/merger, the name change in the name of the Company is pending
Right-of-use Land	0.15	Not Applicable	No	Not Available	Lease Deed not available with the Company

In case of immovable properties acquired from Tata Steel BSL Limited which got merged with the Company in the preceding year have been considered with effect from the merger.

(d) The Company has not revalued its Property, Plant and Equipment (including Right-of-use assets) or intangible assets during the year. Accordingly, the reporting under Clause 3(i)(d) of the Order is not applicable to the Company.

(e) Based on the information and explanations furnished to us, no proceedings have been initiated on or are pending against the Company for holding benami property under the Prohibition of Benami Property Transactions Act, 1988 (as amended in 2016) (formerly the Benami Transactions (Prohibition) Act, 1988 (45 of 1988)) and Rules made thereunder, and therefore the question of our commenting on whether the Company has appropriately disclosed the details in its standalone financial statements does not arise.

ii. (a) The physical verification of inventory (excluding stocks with third parties) has been conducted at reasonable intervals by the Management during the year and, in our opinion, the coverage and procedures of such verification by Management is appropriate. In respect of inventory lying with third parties, these have substantially been confirmed by them. In respect of inventories of stores and spares, the Management has a verification programme designed to cover the items over a period of three years. The discrepancies noticed on physical verification of inventory as compared to book records were not 10% or more in aggregate for each class of inventory.

(b) During the year, the Company has been sanctioned working capital limits in excess of Rs. 5 crore, in aggregate, from banks on the basis of security of current assets. The Company has filed quarterly returns or statements with such banks, which are in agreement with the books of account other than those as set out below.

Name of the Bank	Aggregate working capital limits sanctioned (Rs. crore)	Nature of Current Asset offered as Security	Quarter ended	Amount disclosed as per quarterly return/ statement (Rs. crore)	Amount as per books of account (Rs. crore)	Difference (Rs. crore)	Reasons for difference
State Bank of India and consortium of banks	2,000.00	Refer Note below	December 31, 2022	12,594.47	12,572.90	21.57	Incorrect amount of Creditors for Goods under Non-LC & others

Note: Pari-passu charge on the Company's entire current assets namely stock of raw materials, finished goods, stocks-in-process, consumables stores and spares and book debts at its plant sites or anywhere else, in favour of the Bank, by way of hypothecation.

The Company has filed the revised quarterly return/ statement with such banks for the above instance, in March, 2023, with the correct amounts, which are in agreement with the books of account.

Also refer Note 18(iv) to the standalone financial statements.

iii. (a) The Company has, during the year, made investments in eight companies and sixteen mutual fund schemes, granted unsecured loans to four companies and eight hundred and forty-six employees and stood guarantee for five companies. The aggregate amount during the year, and balance outstanding at the balance sheet date with respect to such loans and guarantees to subsidiaries and to parties other than subsidiaries, joint ventures and associates are as per the table given below:

Particulars	Guarantees (Rs. crore)	Loans (Rs. crore)
Aggregate amount granted/ provided during the year		
Subsidiaries	478.80	3,674.60
Others	-	3.86
Balance outstanding (gross) as at balance sheet date in respect of the above cases		
Subsidiaries	349.05	3,436.75
Others	-	3.14

The above amounts are included in Note 7 on Loans and Note 35(B) on Commitments to the standalone financial statements.

(b) In respect of the aforesaid investments, guarantees and loans, the terms and conditions under which such investments were made, guarantees provided and loans were granted are not prejudicial to the Company's interest, based on the information and explanations provided by the Company.

(c) In respect of the loans outstanding as on the balance sheet date, the schedule of repayment of principal and payment of interest has been stipulated by the Company except for one loan aggregating Rs. 2.00 crore (fully provided in books) where no schedule of repayment of principal and payment of interest has been stipulated. Except for the aforesaid instance (where in the absence of stipulation of repayment/payment terms, we are unable to comment on the regularity of repayment of principal and payment of interest) and the following instance, the parties are repaying the principal amounts, as stipulated, and are also regular in payment of interest as applicable.

Name of the entity	Amount (Rs.crore)	Due Date	Extent of delay (provided in range)	Remarks
Tayo Rolls Limited	81.30	Multiple Dates	1,826 days - 2,421 days	The amounts pertain to principal and interest, which are overdue as at March 31, 2023. The company is under corporate insolvency resolution process. The Company has filed its claim as financial creditor. The amounts are fully provided in books.

(d) In respect of the following loan, the total amount overdue for more than ninety days as at March 31, 2023 is Rs. 81.30 crore. Based on the information and explanations given to us, the entity is under corporate insolvency resolution process and accordingly, the Company is not taking any further steps for the recovery of the principal and interest amounts, other than those mentioned in clause (iii)(c) above against Tayo Rolls Limited.

No. of cases	Principal Amount Overdue (Rs.crore)	Interest Overdue (Rs.crore)	Total Overdue (Rs.crore)	Remarks
One	67.00	14.30	81.30	The amounts are fully provided in books

(e) Following loans were granted to same parties, which has fallen due during the year and were renewed/extended. Further, no fresh loans were granted to same parties to settle the existing overdue loans.

Name of the parties	Aggregate amount of dues renewed or extended (Rs.crore)	Percentage of the aggregate to the total loans granted during the year
Tata Steel Downstream Products Limited	150.00	3.92%
Tata Steel Mining Limited	790.00	20.66%

Tata Steel Holdings Pte. Ltd.	1,643.45	42.97%
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The above amounts are included in Note 7 on Loans to the standalone financial statements.

(f) The loans granted during the year, including to related parties had stipulated the scheduled repayment of principal and payment of interest and the same were not repayable on demand. No loans were granted during the year to promoters.

iv. In our opinion, and according to the information and explanations given to us, the Company has complied with the provisions of Sections 185 and 186 of the Companies Act, 2013 in respect of the loans and investments made, and guarantees and security provided by it, as applicable.

v. The Company has not accepted any deposits or amounts which are deemed to be deposits within the meaning of Sections 73, 74, 75 and 76 of the Act and the Rules framed there under to the extent notified.

vi. Pursuant to the rules made by the Central Government of India, the Company is required to maintain cost records as specified under Section 148(1) of the Act in respect of its products. We have broadly reviewed the same and are of the opinion that, prima facie, the prescribed accounts and records have been made and maintained. We have not, however, made a detailed examination of the records with a view to determine whether they are accurate or complete.

vii. (a) According to the information and explanations given to us and the records of the Company examined by us, in our opinion, except for dues in respect of royalty, the Company is regular in depositing undisputed statutory dues, including provident fund, employees' state insurance, sales tax, income tax, service tax, duty of customs, duty of excise, value added tax, cess, goods and services tax and other material statutory dues, as applicable, with the appropriate authorities. We are informed that the Company has applied for exemption from operations of Employees State Insurance Act at some locations. We are also informed that actions taken by the authorities at some locations to bring the employees of the Company under the Employees' State Insurance Scheme has been contested by the Company and payment has not been made of the contribution demanded. The extent of the arrears of statutory dues outstanding as at March 31, 2023, for a period of more than six months from the date they became payable are as follows:

Name of the statute	Nature of dues	Amount (Rs.crore)	Period to which the amount relates	Due date	Date of Payment
The Mines and Minerals (Development and Regulation) Amendment Act, 2021	Royalty	2,025.44	March, 2021 to September, 2022	Various dates till September 30, 2022	Not yet paid

(b) According to the information and explanations given to us and the records of the Company examined by us, the particulars of statutory dues referred to in sub-clause (a) as at March 31, 2023, which have not been deposited on account of a dispute, are as follows:

Name of the statute	Nature of dues	Amount (net of payments) (Rs. crore)	Amount paid (Rs.crore)	Period to which the amount relates (FY)	Forum where the dispute is pending
Income-tax Act, 1961	Income Tax	2,061.05	1,131.51	1998-1999, 2006-2014, 2015-2017, 2018-2019	Tribunal
		197.47	124.12	2013-2016, 2017-2018	Commissioner (Appeals)
Customs Act, 1962	Customs Duty	2.44	-	2017-2018	Commissioner
		153.89	53.43	2005-2008, 2010-2016, 2017-2019	Tribunal
		15.17	1.91	1993-1994, 2002-2003, 2017-2021	High Court
		6.59	3.77	2005-2009, 2013-2014	Supreme Court
Central Excise Act, 1944	Excise Duty	10.54	0.92	2017-2018	Additional Commissioner
		61.90	5.87	1988-1989, 1994-1997, 2013-2018	Commissioner
		1.88	1.07	2016-2017	Joint Commissioner

		565.62	37.21	2002-2005, 2006-2018	Tribunal
		33.12	0.10	1989-1990, 2003-2009	High Court
Goods & Services Tax Act, 2017	Goods & Services Tax	15.83	-	2017-2018	Additional Commissioner
		0.75	0.04	2018-2020	Assistant Commissioner
		0.16	-	2018-2019	Deputy Commissioner
		0.05	-	2017-2018	Commissioner
Sales Tax Laws	Sales Tax	0.41	0.19	1983-1984, 1988-1989, 1990-1991, 1992-1993, 1994-1996	Sales Tax Officer
		362.04	2.36	1983-1984, 2002-2003, 2012-2013, 2016-2018	Additional Commissioner
		6.30	3.63	1973-1974, 1980-1992, 1994-1997, 2004-2005, 2016-2018	Assistant Commissioner
		15.02	2.94	1975-1976, 1983-1988, 1994-1995, 1997-2002, 2007-2012, 2013-2014, 2016-2019	Deputy Commissioner
		215.40	4.56	1988-1990, 1991-1992, 1993-1995, 2001-2004, 2013-2014	Commissioner
		66.25	0.50	2011-2013, 2014-2018	Joint Commissioner
		46.67	8.14	1977-1978, 1980-1981, 1983-1985, 1987-1988, 1989-1999, 2000-2002, 2003-2010, 2013-2016	Tribunal
		32.13	12.13	1977-1979, 1983-1984, 1991-1993, 1995-1997, 2000-2004, 2008-2009	High Court
Sales Tax Laws	Sales Tax (VAT)	69.28	0.46	2005-2006, 2012-2017	Additional Commissioner
		0.68	0.12	2005-2007, 2016-2018	Assistant Commissioner
		140.57	1.78	2004-2007, 2009-2018	Deputy Commissioner
		10.99	0.08	2006-2011, 2014-2015	Commissioner
		31.33	2.00	2011-2013, 2014-2017	Joint Commissioner
		6.72	2.90	2005-2010, 2012-2015, 2016-2017	Tribunal
		252.84	1.07	2001-2002, 2003-2004, 2007-2008, 2012-2016	High Court
Service Tax Laws	Service tax	0.74	0.03	2013-2018	Assistant Commissioner
		2.75	0.10	2004-2008, 2012-2017	Commissioner
		3.18	0.12	2016-2018	Joint Commissioner

		372.91	14.14	2007-2018	Tribunal
		0.30	-	2010-2011	High Court
Bihar Electricity Duty Act, 1948	Electricity Duty	0.59	-	2006-2011	Commercial Tax Officer
		3.82	-	2012-2013, 2014-2016	Deputy Commissioner
		7.18	0.03	2002-2003, 2008-2012	State Tax Officer
		0.31	-	1976-1980, 2004-2008	Tribunal
Employee State Insurance Act, 1948	Employee State Insurance	21.37	-	1996-1997	High Court
Entry Tax Laws	Entry Tax	6.02	-	2008-2009, 2011-2012, 2014-2015	Assessing Officer
		0.35	0.29	2007-2011, 2014-2015	Additional Commissioner
		0.37	4.86	2009-2021	Assistant Commissioner
		0.95	0.56	2001-2002, 2005-2007	Deputy Commissioner
		0.11	0.24	2008-2012	Joint Commissioner
		1.19	1.21	2007-2011	Tribunal
		318.65	14.35	1999-2003, 2005-2018	High Court
Mines and Mineral (Development and Regulation) Act, 1957	Excess Mining / Common Cause	2,140.30	-	2000-2017	Revisional Authority, Ministry of Mines
		132.91	-	1998-2011	Additional Chief Secretary, Steel & Mines
		2,994.49	573.83	2011-2015	High Court
Jharkhand Mineral Area Development Authority Act, 2000	Mineral Area Development Fee	58.51	18.00	2005-2007, 2008-2010, 2011-2014, 2016-2017	High Court
		8.23	-	1992-1995, 2005-2006	Supreme Court
Employees Provident Fund & Miscellaneous Provisions Act, 1952	Provident Fund	-	1.02	1997-1998	High Court
Mineral Concession Rules, 1960	Royalty on Minerals	408.48	2.60	2009-2015	Mines Tribunal
		1,366.78	1,211.92	2000-2008	Supreme Court
Indian Stamp Act, 1899	Stamp Duty	5,165.00	414.00	2013-2014	High Court
State Water Tax Laws	Water Tax	1,361.75	511.48	1980-1994, 1995-2023	High Court

The following matter has been decided in favour of the Company although the department has preferred appeal at higher levels:

Name of the statute	Nature of dues	Amount (net of payments) (Rs.crore)	Period to which the amount relates (FY)	Forum where the dispute is pending
Customs Act, 1962	Customs Duty	248.24	2006-2009	Supreme Court
Central Excise Act, 1944	Excise Duty	235.48	2004-2005	Supreme Court
		16.34	2009-2010	Tribunal

viii. According to the information and explanations given to us and the records of the Company examined by us, there are no transactions in the books of account that has been surrendered or disclosed as income during the year in the tax assessments under the Income Tax Act, 1961, that has not been recorded in the books of account.

ix. (a) According to the records of the Company examined by us and the information and explanations given to us, the Company has not defaulted in repayment of loans or other borrowings or in the payment of interest to any lender during the year. Also refer Note 18(ii) on Borrowings to the standalone financial statements.

(b) According to the information and explanations given to us and on the basis of our audit procedures, we report that the Company has not been declared Wilful Defaulter by any bank or financial institution or government or any government authority.

(c) In our opinion, and according to the information and explanations given to us, the term loans have been applied, on an overall basis, for the purposes for which they were obtained.

(d) According to the information and explanations given to us, and the procedures performed by us, and on an overall examination of the standalone financial statements of the Company, we report that no funds raised on short-term basis have been used for long-term purposes by the Company.

(e) According to the information and explanations given to us and on an overall examination of the standalone financial statements of the Company, we report that the Company has not taken any funds from any entity or person on account of or to meet the obligations of its subsidiaries, associates or joint ventures.

(f) According to the information and explanations given to us and procedures performed by us, we report that the Company has not raised loans during the year on the pledge of securities held in its subsidiaries, joint ventures or associate companies.

x. (a) The Company has not raised any money by way of initial public offer or further public offer (including debt instruments) during the year. In our opinion, and according to the information and explanations given to us, the monies raised by way of further public offer in an earlier year have been applied, on an overall basis, for the purposes for which they were obtained.

(b) The Company has not made any preferential allotment or private placement of shares or fully or partially or optionally convertible debentures during the year. Accordingly, the reporting under clause 3(x) (b) of the Order is not applicable to the Company.

xi. (a) During the course of our examination of the books and records of the Company, carried out in accordance with the generally accepted auditing practices in India, and according to the information and explanations given to us, we have neither come across any instance of material fraud by the Company or on the Company, noticed or reported during the year, nor have we been informed of any such case by the Management.

(b) During the course of our examination of the books and records of the Company, carried out in accordance with the generally accepted auditing practices in India, and according to the information and explanations given to us, a report under Section 143(12) of the Act, in Form ADT-4, as prescribed under rule 13 of Companies (Audit and Auditors) Rules, 2014 was not required to be filed with the Central Government. Accordingly, the reporting under clause 3(xi)(b) of the Order is not applicable to the Company.

(c) During the course of our examination of the books and records of the Company carried out in accordance with the generally accepted auditing practices in India, and according to the information and explanations given to us, the Company has received whistle-blower complaints during the

year, which have been considered by us for any bearing on our audit and reporting under this clause. As explained by the management, there were certain complaints in respect of which investigations are ongoing as on the date of our report and hence, the impact on our audit report in respect of those complaints cannot be determined at this stage.

xii. As the Company is not a Nidhi Company and the Nidhi Rules, 2014 are not applicable to it, the reporting under clause 3(xii) of the Order is not applicable to the Company.

xiii. The Company has entered into transactions with related parties in compliance with the provisions of Sections 177 and 188 of the Act. The details of such related party transactions have been disclosed in the standalone financial statements as required under Indian Accounting Standard 24 "Related Party Disclosures" specified under Section 133 of the Act.

xiv. (a) In our opinion and according to the information and explanation given to us, the Company has an internal audit system commensurate with the size and nature of its business.

(b) The reports of the Internal Auditor for the period under audit have been considered by us.

xv. The Company has not entered into any non-cash transactions with its directors or persons connected with him. Accordingly, the reporting on compliance with the provisions of Section 192 of the Act under clause 3(xv) of the Order is not applicable to the Company.

xvi. (a) The Company is not required to be registered under Section 45-IA of the Reserve Bank of India Act, 1934. Accordingly, the reporting under clause 3(xvi)(a) of the Order is not applicable to the Company.

(b) The Company has not conducted non-banking financial / housing finance activities during the year. Accordingly, the reporting under clause 3(xvi)(b) of the Order is not applicable to the Company.

(c) The Company is not a Core Investment Company (CIC) as defined in the regulations made by the Reserve Bank of India. Accordingly, the reporting under clause 3(xvi)(c) of the Order is not applicable to the Company.

(d) Based on the information and explanations provided by the management of the Company, the Group has seven CICs as part of the Group. We have not, however, separately evaluated whether the information provided by the management is accurate and complete.

xvii. The Company has not incurred any cash losses in the financial year or in the immediately preceding financial year.

xviii. There has been no resignation of the statutory auditors during the year and accordingly the reporting under clause 3(xviii) of the Order is not applicable to the Company.

xix. According to the information and explanations given to us and on the basis of the financial ratios (also refer Note 42 to the standalone financial statements), ageing and expected dates of realisation of financial assets and payment of financial liabilities, other information accompanying the standalone financial statements, our knowledge of the Board of Directors and management plans and based on our examination of the evidence supporting the assumptions, nothing has come to our attention, which causes us to believe that any material uncertainty exists as on the date of the audit report that the Company is not capable of meeting its liabilities existing at the date of balance sheet as and when they fall due within a period of one year from the balance sheet date. We, however, state that this is not an assurance as to the future viability of the Company. We further state that our reporting is based on the facts up to the date of the audit report and we neither give any guarantee nor any assurance that all liabilities falling due within a period of one year from the balance sheet date will get discharged by the Company as and when they fall due.

xx. The Company has during the year spent the amount of Corporate Social Responsibility as required under sub-section (5) of Section 135 of the Act. Accordingly, reporting under clause 3(xx) of the Order is not applicable to the Company.

xxi. The reporting under clause 3(xxi) of the Order is not applicable in respect of audit of standalone financial statements. Accordingly, no comment in respect of the said clause has been included in this report.

For Price Waterhouse & Co Chartered Accountants LLP
Firm Registration Number: 304026E/E-300009

Subramanian Vivek
Partner
Membership Number 100332
UDIN: 23100332BGYVTL5217

Place: Mumbai
Date: May 2, 2023

[700700] Disclosures - Secretarial audit report

Details of signatories of secretarial audit report [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Signatories of secretarial audit report [Axis]	Secretarial Auditor 1
	01/04/2022 to 31/03/2023
Details of signatories of secretarial audit report [Abstract]	
Details of signatories of secretarial audit report [LineItems]	
Category of secretarial auditor	Secretarial auditors firm
Name of secretarial audit firm	PARIKH PAREKH & ASSOCIATES
Name of secretarial auditor signing report	PRAVINCHANDRA NAHALCHAND PARIKH
Firms registration number of secretarial audit firm	P1988MH009800
Membership number of secretarial auditor	327
Certificate of practice number of secretarial auditor	1228
Address of secretarial auditors	111, 11th Floor, Sai-Dwar CHS Ltd., Sab Tv Lane, Opp. Laxmi Industrial Estate, Off Link Road, Above Shabari Restaurant, Andheri (w), Mumbai - 400 053
Permanent account number of secretarial auditor or secretarial auditors firm	AAMFP9456F
Date of signing secretarial audit report	02/05/2023

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023
Disclosure in secretarial audit report explanatory [TextBlock]	Textual information (34) [See below]
Whether secretarial audit report is applicable on company	Yes
Whether secretarial audit report has been qualified or has any observation or other remarks	No

Textual information (34)

Disclosure in secretarial audit report explanatory [Text Block]

Form No. MR-3

SECRETARIAL AUDIT REPORT FOR THE FINANCIAL YEAR ENDED MARCH 31, 2023

(Pursuant to section 204 (1) of the Companies Act, 2013 and rule No. 9 of the Companies (Appointment and Remuneration of Managerial Personnel) Rules, 2014)

To,
The Members,
Tata Steel Limited

We have conducted the secretarial audit of the compliance of applicable statutory provisions and the adherence to good corporate practices by Tata Steel Limited (hereinafter called the Company). Secretarial Audit was conducted in a manner that provided us a reasonable basis for evaluating the corporate conducts/statutory compliances and expressing our opinion thereon.

Based on our verification of the Company's books, papers, minute books, forms and returns filed and other records maintained by the Company, to the extent the information provided by the Company, its officers, agents and authorised representatives during the conduct of secretarial audit, the explanations and clarifications given to us and the representations made by the Management and considering the relaxations granted by the Ministry of Corporate Affairs and Securities and Exchange Board of India warranted due to the spread of the COVID-19 pandemic, we hereby report that in our opinion, the Company has, during the audit period covering the financial year ended on March 31, 2023, generally complied with the statutory provisions listed hereunder and also that the Company has proper Board processes and compliance mechanism in place to the extent, in the manner and subject to the reporting made hereinafter:

We have examined the books, papers, minute books, forms and returns filed and other records made available to us and maintained by the Company for the financial year ended on March 31, 2023 according to the provisions of:

- (i) The Companies Act, 2013 (the 'Act') and the rules made thereunder;
- (ii) The Securities Contract (Regulation) Act, 1956 ('SCRA') and the rules made thereunder;
- (iii) The Depositories Act, 1996 and the Regulations and Bye-laws framed thereunder;
- (iv) Foreign Exchange Management Act, 1999 and the rules and regulations made thereunder to the extent of Foreign Direct Investment, Overseas Direct Investment and External Commercial Borrowings;
- (v) The following Regulations and Guidelines prescribed under the Securities and Exchange Board of India Act, 1992 ('SEBI Act')
 - (a) The Securities and Exchange Board of India (Substantial Acquisition of Shares and Takeovers) Regulations, 2011;
 - (b) The Securities and Exchange Board of India (Prohibition of Insider Trading) Regulations, 2015;
 - (c) The Securities and Exchange Board of India (Issue of Capital and Disclosure Requirements) Regulations, 2018 and amendments from time to time;
 - (d) The Securities and Exchange Board of India (Share Based Employee Benefits and Sweat Equity) Regulations, 2021; (Not applicable to the Company during the audit period)

- (e) The Securities and Exchange Board of India (Issue and Listing of Non-Convertible Securities) Regulations, 2021;
- (f) The Securities and Exchange Board of India (Registrars to an Issue and Share Transfer Agents) Regulations, 1993 regarding the Companies Act and dealing with client; (Not applicable to the Company during the audit period)
- (g) The Securities and Exchange Board of India (Delisting of Equity Shares) Regulations, 2021; (Not applicable to the Company during the audit period) and
- (h) The Securities and Exchange Board of India (Buyback of Securities) Regulations, 2018; (Not applicable to the Company during the audit period)
- (vi) Other laws applicable specifically to the Company namely:
 - (a) The Mines Act, 1952 and the rules, regulations made thereunder.
 - (b) Mines and Minerals (Development & Regulation) Act, 1957 and the rules made thereunder.
 - (c) Air (Prevention and Control of Pollution) Act, 1981 and the rules and standards made thereunder.
 - (d) Water (Prevention and Control of Pollution) Act, 1974 and Water (Prevention and Control of Pollution) Rules, 1975
 - (e) Environment Protection Act, 1986 and the rules, notifications issued thereunder.
 - (f) Factories Act, 1948 and allied State Laws.

We have also examined compliance with the applicable clauses of the following:

- (i) Secretarial Standards issued by The Institute of Company Secretaries of India with respect to board and general meetings.
- (ii) The Listing Agreements entered into by the Company with BSE Limited and National Stock Exchange of India Limited read with the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015.

During the period under review, the Company has complied with the provisions of the Act, Rules, Regulations, Guidelines, standards etc. mentioned above.

We further report that:

The Board of Directors of the Company is duly constituted with proper balance of Executive Directors, Non-Executive Directors and Independent Directors. The changes in the composition of the Board of Directors that took place during the period under review were in compliance of the applicable provisions.

Adequate notice was given to all Directors to schedule the Board Meetings, agenda and detailed notes on agenda were sent at least seven days in advance for meetings other than those held at shorter notice, and a system exists for seeking and obtaining further information and clarifications on the agenda items before the meeting and for meaningful participation at the meeting.

As per the minutes, the decisions at the Board Meetings were taken unanimously.

We further report that there are adequate systems and processes in the Company commensurate with the size and operations of the Company to monitor and ensure compliance with applicable laws, rules, regulations and guidelines.

We further report that during the audit period the Company had following events which had bearing on the Company's affairs in pursuance of the

above referred laws, rules, regulations, guidelines, standards etc.

1. Amalgamation:

a) Amalgamation of Tata Steel Long Products Limited into and with Tata Steel Limited:

The Board of Directors of the Company ('Board'), at its meeting held on September 22, 2022, approved the scheme of amalgamation of Tata Steel Long Products Limited ('TSLP') into and with the Company ('TSLP Scheme'). TSLP is the listed subsidiary of the Company. The Board has recommended a share exchange ratio of 67 fully paid-up equity shares of nominal value of Rs. 1/- each of the Company for every 10 fully paid-up equity shares of nominal value of Rs.10/- each held by the public shareholders of TSLP. As part of the TSLP Scheme, the equity and preference shareholding of the Company in TSLP shall stand cancelled. The Company has received the 'observation letter' dated March 31, 2023 from the National Stock Exchange of India Limited and BSE Limited and has filed an application before the Hon'ble National Company Law Tribunal, Mumbai Bench for necessary directions. The amalgamation is subject to approval from the shareholders and other regulatory/governmental authorities.

b) Amalgamation of The Tinplate Company of India Limited into and with Tata Steel Limited

The Board, at its meeting held on September 22, 2022, approved the scheme of amalgamation of The Tinplate Company of India Limited ('TCIL') into and with the Company ('TCIL Scheme'). TCIL is the listed subsidiary of the Company. The Board has recommended a share exchange ratio of 33 fully paid-up equity shares of nominal value of Rs. 1/- each of the Company for every 10 fully paid-up equity shares of nominal value of Rs.10/-each held by the public shareholders of TCIL. As part of the TCIL Scheme, the equity shareholding of the Company in TCIL shall stand cancelled. The Company has received the 'observation letter' dated March 31, 2023 from the National Stock Exchange of India Limited and BSE Limited and has filed an application before the Hon'ble National Company Law Tribunal, Mumbai Bench for necessary directions.

The amalgamation is subject to approval from the shareholders and other regulatory/governmental authorities.

c) Amalgamation of Tata Metaliks Limited into and with Tata Steel Limited

The Board, at its meeting held on September 22, 2022, approved the scheme of amalgamation of Tata Metaliks Limited ('TML') into and with the Company ('TML Scheme'). TML is the listed subsidiary of the Company. The Board has recommended a share exchange ratio of 79 fully paid-up equity shares of nominal value of Rs. 1/-each of the Company for every 10 fully paid-up equity shares of nominal value of Rs.10/- each held by the public shareholders of TML. As part of the TML Scheme, the equity shareholding of the Company in TML shall stand cancelled. The Company has received the 'observation letter' dated March 31, 2023 from the National Stock Exchange of India Limited and BSE Limited and has filed an application before the Hon'ble National Company Law Tribunal, Mumbai Bench for necessary directions. The amalgamation is subject to approval from the shareholders and other regulatory/governmental authorities.

d) Amalgamation of TRF Limited into and with Tata Steel Limited

The Board, at its meeting held on September 22, 2022, approved the scheme of amalgamation of TRF Limited ('TRF') into and with the Company ('TRF Scheme'). TRF is the listed associate of the Company. The Board has recommended a share exchange ratio of 17 fully paid-up equity shares of nominal value of Rs. 1/- each of the Company for every 10 fully paid-up equity shares of nominal value of Rs.10/- each held by the public shareholders of TRF. As part of the TRF Scheme, the equity and preference shareholding of the Company in TRF shall stand cancelled. The Company has received the 'observation letter' dated March 31, 2023 from the National Stock Exchange of India Limited and BSE Limited and has filed an application before the Hon'ble National Company Law Tribunal, Mumbai Bench for necessary directions. The amalgamation is subject to approval from the shareholders and other regulatory/governmental authorities.

e) Amalgamation of The Indian Steel & Wire Products Limited into and with Tata Steel Limited

The Board, at its meeting held on September 22, 2022, approved the scheme of amalgamation of The Indian Steel & Wire Products Limited ('ISWP') into and with the Company ('ISWP Scheme'). ISWP is an unlisted subsidiary of the Company. Upon the Scheme coming into effect, the shareholders of ISWP (except the Company) shall receive Rs.426 for every 1 fully paid-up equity share of nominal value of Rs.10/- each of ISWP held by the shareholders of ISWP. As part of the ISWP Scheme, the equity shareholding of the Company in ISWP shall stand cancelled. The Company has received the 'observation letter' from the National Stock Exchange of India Limited and BSE Limited on March 24, 2023. The amalgamation is subject to approval from the shareholders and other regulatory/governmental authorities.

f) Amalgamation of Tata Steel Mining Limited into and with Tata Steel Limited

The Board, at its meeting held on September 22, 2022, approved the scheme of amalgamation of Tata Steel Mining Limited ('TSML') into and with the Company ('TSML Scheme'). TSML is a wholly-owned subsidiary of the Company and upon the TSML Scheme coming into effect, the entire paid-up share capital of TSML shall stand cancelled. The TSML Scheme is pending approval before the Hon'ble National Company Law Tribunal, Cuttack Bench. The amalgamation is also subject to approval from other regulatory/governmental authorities.

g) Amalgamation of S & T Mining Company Limited into and with Tata Steel Limited

The Board, at its meeting held on September 22, 2022, approved the scheme of amalgamation of S & T Mining Company Limited ('S&T Mining') into and with the Company ('S&T Scheme'). S&T Mining is a wholly-owned subsidiary of the Company and upon the S&T Scheme coming into effect, the entire paid-up share capital of S&T Mining shall stand cancelled. The S&T Scheme is pending approval before the Hon'ble National Company Law Tribunal, Kolkata Bench. The amalgamation is also subject to approval from other regulatory/governmental authorities.

h) Amalgamation of Angul Energy Limited into and with Tata Steel Limited

The Board of Directors of the Company, at its meeting held on February 6, 2023, approved the scheme of amalgamation of Angul Energy Limited ('AEL') into and with the Company ('AEL Scheme'). Upon the AEL Scheme coming into effect, the shareholders of AEL (except the Company) shall receive Rs.1,045 for every 1 fully paid-up equity share of nominal value of Rs.10/- each of AEL held by the shareholders of AEL. The Company has filed the application with the National Stock Exchange of India Limited and BSE Limited for necessary directions. The amalgamation is subject to approval of the shareholders and other regulatory/governmental approvals.

2. Acquisitions, Investments and Portfolio Restructuring

a) Acquisition of Rohit Ferro-Tech Limited through Tata Steel Mining Limited, a wholly-owned subsidiary

On April 11, 2022, in terms of the approved Resolution Plan under the Corporate Insolvency Resolution Process ('CIRP') of the Insolvency and Bankruptcy Code 2016 ('Code'), the Company through Tata Steel Mining Limited ('TSML'), a wholly-owned subsidiary, completed the acquisition of 90% stake in Rohit Ferro-Tech Limited ('RFT'). On June 22, 2022, TSML acquired the remaining 10% equity stake of RFT held by the Financial Creditors for a consideration of approx. Rs20.06 crore which was paid by TSML on June 14, 2022. Upon completion of the said acquisition RFT became a wholly-owned subsidiary of TSML. Further, on July 7, 2022, RFT was amalgamated with TSML, pursuant to the order of the Hon'ble National Company Law Tribunal, Kolkata Bench dated April 7, 2022 approving the Resolution Plan submitted by TSML for acquisition of RFT.

b) Acquisition of Preference Shares of TRF Limited

On May 13, 2022, the Company acquired 1,30,00,000 -11.25% Optionally Convertible Redeemable Preference Shares ('OCRPS') of face value Rs10/- each of TRF Limited ('TRF'), a listed associate of the Company, on a preferential basis aggregating to Rs13 crore. Further, on June 8, 2022 and March 1, 2023, the Company acquired 16,50,00,000 -12.17% (effective yield) Non-cumulative, Non-convertible, Non-Participating, Redeemable Preference Shares ('NCRPS') and 7,40,00,000 - 12.17% (effective yield) NCRPS, respectively of face value Rs10/- each of TRF on a preferential basis aggregating to Rs165 crore and Rs74 crore, respectively.

The OCRPS and NCRPS have been acquired to assist TRF in repayment/prepayment of the whole or a part of its existing indebtedness (including financial and operational creditors), additional working capital requirements, payment against long-outstanding vendor dues, to seek their support towards material supplies for completing legacy projects and delivering other committed orders and/or for other general corporate purposes.

The voting rights of the Company as a preference shareholder of TRF will be as per the provisions of the Companies Act, 2013 read with the Articles of Association of TRF. Further, the equity stake of the Company in TRF remains at 34.11%.

c) Investment in Tata Steel Mining Limited

On June 14, 2022 and August 30, 2022, the Company acquired 1,04,75,196 equity shares and 2,81,98,433 equity shares, respectively of face value Rs.10/- each of Tata Steel Mining Limited ('TSML') at a premium of Rs9.15 per share on a preferential basis aggregating to approximately Rs.20.06 crore and approximately Rs54 crore, respectively. TSML continues to be a 100% wholly-owned subsidiary post both the investments.

d) Acquisition of Neelachal Ispat Nigam Limited through Tata Steel Long Products Limited and investment in Neelachal Ispat Nigam Limited

On July 4, 2022, the Company through its listed subsidiary Tata Steel Long Products Limited ('TSLP'), completed the acquisition of 93.71% stake in Neelachal Ispat Nigam Limited ('NINL'). The acquisition was completed for an aggregate consideration of Rs12,100 crore as per the terms and conditions of the Share Sale and Purchase Agreement entered into by the Company in accordance with the process carried out by Department of Investment and Public Asset Management (DIPAM) and consequently, NINL became a step-down subsidiary of the Company.

During the year, the Company directly acquired equity shares aggregating to 5.24% in NINL by way of purchase of equity shares from minority shareholders and by acquiring additional equity shares issued by NINL on preferential basis. As on March 31, 2023, TSLP holds 92.68% and the Company holds 5.24% in NINL.

e) Investment in Tata Steel Downstream Products Limited

During the year under review, the Company acquired 7,11,743 equity shares of Rs.10/- each at a premium of Rs130.50 per share, of Tata Steel Downstream Products Limited, a wholly-owned subsidiary of the Company, on a preferential basis for an amount aggregating to Rs10 crore.

f) Investment in Tata Steel Advanced Materials Limited

During the year under review, the Company acquired 4,26,93,207 (75.94%) equity shares of Tata Steel Advanced Materials Limited ('TSAML') from Tata Steel Downstream Products Limited, for an aggregate amount of Rs.54.69 crore. Further, on March 23, 2023, the Company acquired the balance 1,35,29,959 (24.06%) shares held by Tata Steel Downstream Products Limited for an aggregate amount of Rs.17.33 crore. Post the said acquisition, TSAML has become a direct wholly-owned subsidiary of the Company. The shares are of face value of Rs.10/- each and were acquired at a premium of Rs.2.81 per share.

g) Investment in Tata Steel Utilities and Infrastructure Services Limited

On January 31, 2023 and March 23, 2023, the Company acquired 26,97,674 and 4,65,116 equity shares, respectively of face value Rs.10/- each of Tata Steel Utilities and

Infrastructure Services Limited ('TSUISL') at a premium of Rs.205/- per share, on rights basis for an aggregate amount of approximately Rs.68 crore. TSUISL continues to be a wholly-owned subsidiary of the Company.

3. Divestments

Divestment of partial stake in Rimal Mining LLC, Oman

On October 3, 2022, T S Global Holdings Pte. Ltd. ('TSGH'), an indirect wholly-owned subsidiary of the Company, set up in South-East Asia, concluded the divestment of its 19% equity stake in Al Rimal Mining LLC ('Al Rimal') to Oman National Investments Development Company ('Tannia') pursuant to an agreement entered into between TSGH and Tannia, thereby reducing its equity stake in Al Rimal from 70% to 51%.

4. Corporate Actions, Financing and Debt Redemption

a) Issue of Non-Convertible Debentures

During the financial year 2022-23, the Company allotted the following Unsecured, Rated, Listed, Redeemable, Non-Convertible Debentures ('NCDs') to identified investors on a private placement basis:

No. of NCDs	Face value (Rs.)	Amount (Rs. crore)	Date of allotment	Coupon	Tenure	Date of Maturity
5,000	10,00,000	500	September 20, 2022	7.50% (Series 1)	5 years	September 20, 2027
15,000	10,00,000	1,500	September 20, 2022	7.76% (Series 2)	10 years	September 20, 2032
2,15,000	1,00,000	2,150	February 27, 2023	8.03%	5 years	February 25, 2028

The NCDs are listed on the wholesale debt market segment of BSE Limited

b) Redemption of NCDs

The Company has redeemed the following NCDs on the relevant due date as per their respective terms of issue:

Amount (Rs. crore)	Date of allotment	Coupon	Date of Maturity
1,500	April 23, 2012	2%	April 22, 2022 (Since April 23, 2022 was a bank holiday)

c) During the year under review, the Company issued 8,23,500 units of Commercial Papers aggregating to Rs.41,175 crore and redeemed 9,10,500 units of Commercial Papers aggregating to Rs. 45,525 crore.

d) Sub-division of Ordinary Shares of the Company

On May 3, 2022, the Board of Directors of the Company, considered and approved the proposal for sub-division of 1 (one) equity share of the Company having face value of Rs.10/- each into 10 (Ten) equity shares of the Company having face value of Rs.1/- each ('sub-division') and consequential amendments in the Capital Clause of the Memorandum of Association of the Company and Articles of Association of the Company, subject to the approval of the Shareholders of the Company and other necessary approvals. The said proposal was approved by the Shareholders of the Company at the Annual General Meeting held on June 28, 2022.

The Record Date for the sub-division was set as July 29, 2022 and consequently, the face value of the equity shares of the Company (fully paid-up and partly paid-up) was sub-divided to Rs.1/- each from Rs.10/- each.

e) First and Final Call on Partly Paid-up Equity Shares

On February 9, 2021, the Board of Directors of the Company approved the making of the first and final call of Rs.461/- (comprising Rs.7.498 towards face value and Rs.453.504 towards securities premium) per partly paid-up equity share ('First and Final Call') on 7,76,36,788 outstanding partly paid-up equity shares of face value Rs.10/- each (paid-up: Rs.2.504 per share), issued by the Company, on a Rights basis, pursuant to the Letter of Offer dated January 22, 2018. As on March 31, 2022, the Company had 2,23,288 partly paid-up equity shares of face value Rs.10/- each (paid-up: Rs.2.504 per share) on which the first and final call money remained unpaid.

On March 18, 2023, the Stakeholder Relationship Committee approved the conversion of 3,16,580 partly paid-up shares of face value of Rs.1/- each (31,658 partly paid-up equity shares of face value of Rs.10/- each on which Rs.2.504 was paid-up).

f) Forfeiture of shares

The Board of Directors, at their meeting held on March 27, 2023 considered and approved the forfeiture of 19,16,300 partly paid-up equity shares of face value Rs.1/- each (prior to sub-division 1,91,630 partly paid-up equity shares of face value of Rs.10/- each and paid-up Rs.2.504 per share) on which the first and final call money was not paid.

For Parikh & Associates
Company Secretaries

sd/-
P. N. Parikh
Partner
FCS No: 327 CP No: 1228
UDIN: F000327E000235672
PR No.: 1129/2021

Place: Mumbai
Date: May 2, 2023

This Report is to be read with our letter of even date which is annexed as Annexure A and Forms an integral part of this report.

‘Annexure A’

To ,
The Members,
Tata Steel Limited

Our report of even date is to be read along with this letter.

1. Maintenance of secretarial record is the responsibility of the management of the Company. Our responsibility is to express an opinion on these secretarial records based on our audit.

2. We have followed the audit practices and process as were appropriate to obtain reasonable assurance about the correctness of the contents of the secretarial records. The verification was done on test basis to ensure that correct facts are reflected in secretarial records. We believe that the process and practices, we followed provide a reasonable basis for our opinion.

3. We have not verified the correctness and appropriateness of financial records and Books of Accounts of the Company.

4. Where ever required, we have obtained the Management Representation about the Compliance of laws, rules and regulations and happening of events etc.

5. The Compliance of the provisions of Corporate and other applicable laws, rules, regulations, standards is the responsibility of management. Our examination was limited to the verification of procedure on test basis.

6. The Secretarial Audit report is neither an assurance as to the future viability of the Company nor of the efficacy or effectiveness with which the management has conducted the affairs of the Company.

For Parikh & Associates
Company Secretaries

sd/-
P. N. Parikh
Partner
FCS No: 327 CP No: 1228
UDIN: F000327E000235672
PR No.: 1129/2021

Place: Mumbai
Date: May 2, 2023

[110000] Balance sheet

Unless otherwise specified, all monetary values are in Crores of INR

	31/03/2023	31/03/2022	31/03/2021
Balance sheet [Abstract]			
Assets [Abstract]			
Non-current assets [Abstract]			
Property, plant and equipment	(A) 90,422.42	(B) 93,484.4	96,287.55
Capital work-in-progress	21,091.92	14,159.32	
Goodwill	3.22	0	0
Other intangible assets	760.65	806.03	855.73
Intangible assets under development	514.96	382.64	
Non-current financial assets [Abstract]			
Non-current investments	44,138.9	43,401.43	
Loans, non-current	32,779.08	30,195.27	
Other non-current financial assets	(C) 2,666.76	(D) 1,345.02	
Total non-current financial assets	79,584.74	74,941.72	
Other non-current assets	(E) 7,463.99	(F) 6,922.54	
Total non-current assets	1,99,841.9	1,90,696.65	
Current assets [Abstract]			
Inventories	20,795.56	19,942.94	
Current financial assets [Abstract]			
Current investments	2,050.4	96.11	
Trade receivables, current	3,351.72	3,280.3	
Cash and cash equivalents	858.98	2,671.59	
Bank balance other than cash and cash equivalents	218.35	183.7	
Loans, current	3,191.21	2,368.01	
Other current financial assets	(G) 843.17	(H) 807.84	
Total current financial assets	10,513.83	9,407.55	
Other current assets	2,640.13	1,939.08	
Total current assets	33,949.52	31,289.57	
Total assets	2,33,791.42	2,21,986.22	
Equity and liabilities [Abstract]			
Equity [Abstract]			
Equity attributable to owners of parent [Abstract]			
Equity share capital	1,222.4	1,222.37	1,198.78
Other equity	1,33,575.11	1,24,211.39	
Total equity attributable to owners of parent	1,34,797.51	1,25,433.76	
Total equity	1,34,797.51	1,25,433.76	
Liabilities [Abstract]			
Non-current liabilities [Abstract]			
Non-current financial liabilities [Abstract]			
Borrowings, non-current	30,880.89	20,290.81	
Other non-current financial liabilities	(I) 4,578.14	(J) 4,620.31	
Total non-current financial liabilities	35,459.03	24,911.12	
Provisions, non-current	2,555.25	2,685	
Deferred tax liabilities (net)	8,684.15	8,087.57	
Other non-current liabilities	(K) 5,858.18	(L) 7,203.94	
Total non-current liabilities	52,556.61	42,887.63	
Current liabilities [Abstract]			
Current financial liabilities [Abstract]			
Borrowings, current	7,298.12	11,984.66	
Trade payables, current	(M) 18,082.4	(N) 21,091.14	
Other current financial liabilities	(O) 6,415.78	(P) 5,741.16	
Total current financial liabilities	31,796.3	38,816.96	

Other current liabilities	(Q) 11,845.08	(R) 12,685.76	
Provisions, current	1,080.94	1,082.42	
Current tax liabilities	1,714.98	1,079.69	
Total current liabilities	46,437.3	53,664.83	
Total liabilities	98,993.91	96,552.46	
Total equity and liabilities	2,33,791.42	2,21,986.22	

Footnotes

(A)

Particulars	2022-23
Property, plant and equipment	84,942.31
Right-of-use assets	5,480.11
Total	90,422.42

(B)

Particulars	2021-22
Property, plant and equipment	87,946.22
Right-of-use assets	5,538.18
Total	93,484.40

(C)

Particulars	2022-23
Derivative assets	403.40
Other financial assets	2,263.36
Total	2,666.76

(D)

Particulars	2021-22
Derivative assets	133.21
Other financial assets	1,211.81
Total	1,345.02

(E)

Particulars	2022-23
Non-current tax assets (net)	4,145.27
Other assets	3,318.72
Total	7,463.99

(F)

Particulars	2021-22
Non-current tax assets (net)	3,620.76
Other assets	3,301.78
Total	6,922.54

(G)

Particulars	2022-23
Derivative assets	82.21
Other financial assets	760.96
Total	843.17

(H)

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Particulars	2021-22
Derivative assets	89.54
Other financial assets	718.30
Total	807.84

(I)

Particulars	2022-23
Lease liabilities	3,649.33
Other financial liabilities	928.81
Total	4,578.14

(J)

Particulars	2021-22
Lease liabilities	3,726.90
Derivative liabilities	10.18
Other financial liabilities	883.23
Total	4,620.31

(K)

Particulars	2022-23
Retirement benefit obligations	1,979.33
Deferred income	0.35
Other liabilities	3,878.50
Total	5,858.18

(L)

Particulars	2021-22
Retirement benefit obligations	2,315.91
Deferred income	0.74
Other liabilities	4,887.29
Total	7,203.94

(M)

Particulars	2022-23
Trade payables	
(a) Total outstanding dues of micro and small enterprises	791.87
(b) Total outstanding dues of creditors other than micro and small enterprises	17,290.53
Total	18,082.40

(N)

Particulars	2021-22
Trade payables	

(a) Total outstanding dues of micro and small enterprises	678.20
(b) Total outstanding dues of creditors other than micro and small enterprises	20,412.94
Total	21,091.14

(O)

Particulars	2022-23
Lease liabilities	544.05
Derivative liabilities	65.58
Other financial liabilities	5,806.15
Total	6,415.78

(P)

Particulars	2021-22
Lease liabilities	522.14
Derivative liabilities	81.48
Other financial liabilities	5,137.54
Total	5,741.16

(Q)

Particulars	2022-23
Retirement benefit obligations	109.51
Deferred income	9.81
Other liabilities	11,725.76
Total	11,845.08

(R)

Particulars	2021-22
Retirement benefit obligations	114.99
Deferred income	67.84
Other liabilities	12,502.93
Total	12,685.76

[210000] Statement of profit and loss**Earnings per share [Table]**

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of equity share capital [Axis]	Equity shares [Member]		Equity shares 1 [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Statement of profit and loss [Abstract]				
Earnings per share [Abstract]				
Earnings per share [Line items]				
Basic earnings per share [Abstract]				
Basic earnings (loss) per share from continuing operations	[INR/shares] 12.68	[INR/shares] 27.03	[INR/shares] 12.68	[INR/shares] 27.03
Total basic earnings (loss) per share	[INR/shares] 12.68	[INR/shares] 27.03	[INR/shares] 12.68	[INR/shares] 27.03
Diluted earnings per share [Abstract]				
Diluted earnings (loss) per share from continuing operations	[INR/shares] 12.67	[INR/shares] 27.01	[INR/shares] 12.67	[INR/shares] 27.01
Total diluted earnings (loss) per share	[INR/shares] 12.67	[INR/shares] 27.01	[INR/shares] 12.67	[INR/shares] 27.01

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Statement of profit and loss [Abstract]		
Income [Abstract]		
Revenue from operations	1,29,006.62	1,29,021.35
Other income	3,325.48	1,452.02
Total income	1,32,332.1	1,30,473.37
Expenses [Abstract]		
Cost of materials consumed	54,011.5	35,256.98
Purchases of stock-in-trade	7,467.3	4,089.03
Changes in inventories of finished goods, work-in-progress and stock-in-trade	-1,142.06	-1,820.87
Employee benefit expense	6,616.29	6,365.8
Finance costs	3,792.14	2,792.08
Depreciation, depletion and amortisation expense	5,434.61	5,463.69
Other expenses	(A) 34,351.62	(B) 34,000.56
Total expenses	1,10,531.4	86,147.27
Profit before exceptional items and tax	21,800.7	44,326.1
Exceptional items before tax	(C) -778.78	(D) -235.45
Total profit before tax	21,021.92	44,090.65
Tax expense [Abstract]		
Current tax	4,928.05	11,611.94
Deferred tax	598.76	-532.47
Total tax expense	5,526.81	11,079.47
Total profit (loss) for period from continuing operations	15,495.11	33,011.18
Total profit (loss) for period	15,495.11	33,011.18
Comprehensive income OCI components presented net of tax [Abstract]		
Whether company has other comprehensive income OCI components presented net of tax	No	No
Other comprehensive income net of tax [Abstract]		
Total other comprehensive income	100.37	694.9
Total comprehensive income	15,595.48	33,706.08
Comprehensive income OCI components presented before tax [Abstract]		
Whether company has comprehensive income OCI components presented before tax	Yes	Yes
Other comprehensive income before tax [Abstract]		
Components of other comprehensive income that will not be reclassified to profit or loss, before tax [Abstract]		
Other comprehensive income, before tax, gains (losses) from investments in equity instruments	-193.59	654.92
Other comprehensive income, before tax, gains (losses) on remeasurements of defined benefit plans	281.04	7.57
Other comprehensive income that will not be reclassified to profit or loss, before tax	87.45	662.49
Components of other comprehensive income that will be reclassified to profit or loss, before tax [Abstract]		
Cash flow hedges before tax [Abstract]		
Gains (losses) on cash flow hedges, before tax	81.47	136.57
Total other comprehensive income, before tax, cash flow hedges	81.47	136.57
Total other comprehensive income that will be reclassified to profit or loss, before tax	81.47	136.57
Total other comprehensive income, before tax	168.92	799.06
Income tax relating to components of other comprehensive income that will not be reclassified to profit or loss [Abstract]		
Others income tax relating to components of other comprehensive income that will not be reclassified to profit or loss	48.05	69.79
Aggregated income tax relating to components of other comprehensive income that will not be reclassified to profit or loss	48.05	69.79
Income tax relating to components of other comprehensive income that will be reclassified to profit or loss [Abstract]		

Others income tax relating to components of other comprehensive income that will be reclassified to profit or loss	20.5	34.37
Aggregated income tax relating to components of other comprehensive income that will be reclassified to profit or loss	20.5	34.37
Total other comprehensive income	100.37	694.9
Total comprehensive income	15,595.48	33,706.08
Earnings per share explanatory [TextBlock]		
Earnings per share [Abstract]		
Basic earnings per share [Abstract]		
Basic earnings (loss) per share from continuing operations	[INR/shares] 12.68	[INR/shares] 27.03
Total basic earnings (loss) per share	[INR/shares] 12.68	[INR/shares] 27.03
Diluted earnings per share [Abstract]		
Diluted earnings (loss) per share from continuing operations	[INR/shares] 12.67	[INR/shares] 27.01
Total diluted earnings (loss) per share	[INR/shares] 12.67	[INR/shares] 27.01

Footnotes

(A)

Particulars	2022-23
Other expenses	38,870.96
Less: Expenditure (other than finance cost) transferred to capital account	-4,519.34
Total	34,351.62

(B)

Particulars	2021-22
Other expenses	36,458.65
Less: Expenditure (other than finance cost) transferred to capital account	-2,458.09
Total	34,000.56

(C)

Particulars	2022-23
Profit/(loss) on sale of non-current investments	338.56
Provision for impairment of investments/doubtful advances (net)	-1,056.39
Employee separation compensation	-91.94
Gain/(loss) on non-current investments classified as fair value through profit and loss (net)	30.99
Total	-778.78

(D)

Particulars	2021-22
Profit/(loss) on sale of non-current investments	343.68
Provision for impairment of investments/doubtful advances (net)	-93.22
Employee separation compensation	-330.81
Restructuring and other provisions	-204.84
Gain/(loss) on non-current investments classified as fair value through profit and loss (net)	49.74
Total	-235.45

[400200] Statement of changes in equity**Statement of changes in equity [Table]**

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Components of equity [Axis]	Equity [Member]			Equity attributable to the equity holders of the parent [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	
Other equity [Abstract]				
Statement of changes in equity [Line items]				
Equity [Abstract]				
Changes in equity [Abstract]				
Comprehensive income [Abstract]				
Profit (loss) for period	15,495.11	33,011.18		15,495.11
Changes in comprehensive income components	100.37	694.9		100.37
Total comprehensive income	15,595.48	33,706.08		15,595.48
Other changes in equity [Abstract]				
Other additions to reserves	1.44	325.25		1.44
Deductions to reserves [Abstract]				
Other deductions to reserves	0.09	794.33		0.09
Total deductions to reserves	0.09	794.33		0.09
Appropriations for dividend, dividend tax and general reserve [Abstract]				
Dividend appropriation [Abstract]				
Final dividend appropriation [Abstract]				
Final equity dividend appropriation	6,233.11	3,007.08		6,233.11
Total final dividend appropriation	6,233.11	3,007.08		6,233.11
Total dividend appropriation	6,233.11	3,007.08		6,233.11
Total appropriations for dividend, dividend tax and retained earnings	6,233.11	3,007.08		6,233.11
Other changes in equity, others	0	-4.87		0
Total other changes in equity	-6,231.76	-3,481.03		-6,231.76
Total increase (decrease) in equity	9,363.72	30,225.05		9,363.72
Other equity at end of period	1,33,575.11	1,24,211.39	93,986.34	1,33,575.11

Statement of changes in equity [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Components of equity [Axis]	Equity attributable to the equity holders of the parent [Member]		Share application money pending allotment [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Other equity [Abstract]				
Statement of changes in equity [Line items]				
Equity [Abstract]				
Changes in equity [Abstract]				
Comprehensive income [Abstract]				
Profit (loss) for period	33,011.18		0	0
Changes in comprehensive income components	694.9			
Total comprehensive income	33,706.08		0	0
Other changes in equity [Abstract]				
Other additions to reserves	325.25			
Deductions to reserves [Abstract]				
Other deductions to reserves	794.33			
Total deductions to reserves	794.33			
Appropriations for dividend, dividend tax and general reserve [Abstract]				
Dividend appropriation [Abstract]				
Final dividend appropriation [Abstract]				
Final equity dividend appropriation	3,007.08			
Total final dividend appropriation	3,007.08			
Total dividend appropriation	3,007.08			
Total appropriations for dividend, dividend tax and retained earnings	3,007.08			
Other changes in equity, others	-4.87		(A) 0	(B) -3.78
Total other changes in equity	-3,481.03		0	-3.78
Total increase (decrease) in equity	30,225.05		0	-3.78
Other equity at end of period	1,24,211.39	93,986.34	0	0

(A)

Particulars	2022-23
Received during the year	1.46
Allotted during the year	-1.46
Total	0.00

(B)

Particulars	2021-22
Received during the year	326.85
Subscription to final call on equity shares	-330.27
Issue of Ordinary Shares	-0.36
Total	-3.78

Statement of changes in equity [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Components of equity [Axis]	Share application money pending allotment [Member]	Reserves [Member]		
		01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Other equity [Abstract]				
Statement of changes in equity [Line items]				
Equity [Abstract]				
Changes in equity [Abstract]				
Comprehensive income [Abstract]				
Profit (loss) for period		15,495.11	33,011.18	
Changes in comprehensive income components		210.31	5.67	
Total comprehensive income		15,705.42	33,016.85	
Other changes in equity [Abstract]				
Other additions to reserves		1.44	325.25	
Deductions to reserves [Abstract]				
Other deductions to reserves		0.09	1.12	
Total deductions to reserves		0.09	1.12	
Appropriations for dividend, dividend tax and general reserve [Abstract]				
Dividend appropriation [Abstract]				
Final dividend appropriation [Abstract]				
Final equity dividend appropriation		6,233.11	3,007.08	
Total final dividend appropriation		6,233.11	3,007.08	
Total dividend appropriation		6,233.11	3,007.08	
Total appropriations for dividend, dividend tax and retained earnings		6,233.11	3,007.08	
Other changes in equity, others		0	8.9	
Total other changes in equity		-6,231.76	-2,674.05	
Total increase (decrease) in equity		9,473.66	30,342.8	
Other equity at end of period	3.78	1,32,770.15	1,23,296.49	92,953.69

Statement of changes in equity [Table]

..(4)

Unless otherwise specified, all monetary values are in Crores of INR

Components of equity [Axis]	Capital reserves [Member]			Securities premium reserve [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023
Other equity [Abstract]				
Statement of changes in equity [Line items]				
Equity [Abstract]				
Changes in equity [Abstract]				
Comprehensive income [Abstract]				
Profit (loss) for period	0	0		0
Total comprehensive income	0	0		0
Other changes in equity [Abstract]				
Other additions to reserves				(A) 1.44
Deductions to reserves [Abstract]				
Other deductions to reserves				(B) 0.09
Total deductions to reserves				0.09
Total other changes in equity				1.35
Total increase (decrease) in equity	0	0		1.35
Other equity at end of period	1,730.25	1,730.25	1,730.25	31,290.24

(A) Received/transfer on issue of Ordinary Shares during the year

(B) Equity issue expenses written (off)/back during the year

Statement of changes in equity [Table]

..(5)

Unless otherwise specified, all monetary values are in Crores of INR

Components of equity [Axis]	Securities premium reserve [Member]		Capital redemption reserves [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Other equity [Abstract]				
Statement of changes in equity [Line items]				
Equity [Abstract]				
Changes in equity [Abstract]				
Comprehensive income [Abstract]				
Profit (loss) for period	0		0	0
Total comprehensive income	0		0	0
Other changes in equity [Abstract]				
Other additions to reserves	(A) 325.25			
Deductions to reserves [Abstract]				
Other deductions to reserves	(B) 1.12			
Total deductions to reserves	1.12			
Total other changes in equity	324.13			
Total increase (decrease) in equity	324.13		0	0
Other equity at end of period	31,288.89	30,964.76	20.78	20.78

(A) Received/transfer on issue of Ordinary Shares during the year

(B) Equity issue expenses written (off)/back during the year

Statement of changes in equity [Table]

..(6)

Unless otherwise specified, all monetary values are in Crores of INR

Components of equity [Axis]	Capital redemption reserves [Member]	Debenture redemption reserve [Member]		
		01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Other equity [Abstract]				
Statement of changes in equity [Line items]				
Equity [Abstract]				
Changes in equity [Abstract]				
Comprehensive income [Abstract]				
Profit (loss) for period		0	0	
Total comprehensive income		0	0	
Total increase (decrease) in equity		0	0	
Other equity at end of period	20.78	2,046	2,046	2,046

Statement of changes in equity [Table]

..(7)

Unless otherwise specified, all monetary values are in Crores of INR

Components of equity [Axis]	General reserve [Member]			Retained earnings [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023
Other equity [Abstract]				
Statement of changes in equity [Line items]				
Equity [Abstract]				
Changes in equity [Abstract]				
Comprehensive income [Abstract]				
Profit (loss) for period	0	0		15,495.11
Changes in comprehensive income components				210.31
Total comprehensive income	0	0		15,705.42
Other changes in equity [Abstract]				
Appropriations for dividend, dividend tax and general reserve [Abstract]				
Dividend appropriation [Abstract]				
Final dividend appropriation [Abstract]				
Final equity dividend appropriation				6,233.11
Total final dividend appropriation				6,233.11
Total dividend appropriation				6,233.11
Total appropriations for dividend, dividend tax and retained earnings				6,233.11
Other changes in equity, others				0
Total other changes in equity				-6,233.11
Total increase (decrease) in equity	0	0		9,472.31
Other equity at end of period	11,596.35	11,596.35	11,596.35	85,970.98

Statement of changes in equity [Table]

..(8)

Unless otherwise specified, all monetary values are in Crores of INR

Components of equity [Axis]	Retained earnings [Member]		Other retained earning [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Other equity [Abstract]				
Statement of changes in equity [Line items]				
Equity [Abstract]				
Changes in equity [Abstract]				
Comprehensive income [Abstract]				
Profit (loss) for period	33,011.18		15,495.11	33,011.18
Changes in comprehensive income components	5.67		210.31	5.67
Total comprehensive income	33,016.85		15,705.42	33,016.85
Other changes in equity [Abstract]				
Appropriations for dividend, dividend tax and general reserve [Abstract]				
Dividend appropriation [Abstract]				
Final dividend appropriation [Abstract]				
Final equity dividend appropriation	3,007.08		6,233.11	3,007.08
Total final dividend appropriation	3,007.08		6,233.11	3,007.08
Total dividend appropriation	3,007.08		6,233.11	3,007.08
Total appropriations for dividend, dividend tax and retained earnings	3,007.08		6,233.11	3,007.08
Other changes in equity, others	8.9		0	(A) 8.9
Total other changes in equity	-2,998.18		-6,233.11	-2,998.18
Total increase (decrease) in equity	30,018.67		9,472.31	30,018.67
Other equity at end of period	76,498.67	46,480	85,970.98	76,498.67

(A)

Particulars	2021-22
Distribution on hybrid perpetual securities	-1.46

Tax on distribution on hybrid perpetual securities	0.37
Transfers within equity	9.99
Total	8.90

Statement of changes in equity [Table]

..(9)

Unless otherwise specified, all monetary values are in Crores of INR

Components of equity [Axis]	Other retained earning [Member]	Other reserves [Member]		
		01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Other equity [Abstract]				
Statement of changes in equity [Line items]				
Equity [Abstract]				
Changes in equity [Abstract]				
Comprehensive income [Abstract]				
Profit (loss) for period		0	0	
Total comprehensive income		0	0	
Other changes in equity [Abstract]				
Deductions to reserves [Abstract]				
Other deductions to reserves		0		
Total deductions to reserves		0		
Total other changes in equity		0		
Total increase (decrease) in equity		0	0	
Other equity at end of period	46,480	115.55	115.55	115.55
Description of nature of other reserves		Other reserves	Other reserves	

Statement of changes in equity [Table]

..(10)

Unless otherwise specified, all monetary values are in Crores of INR

Components of equity [Axis]	Other equity components [Member]			Other comprehensive income, others [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	
Other equity [Abstract]				
Statement of changes in equity [Line items]				
Equity [Abstract]				
Changes in equity [Abstract]				
Comprehensive income [Abstract]				
Profit (loss) for period	0	0		0
Changes in comprehensive income components	-109.94	689.23		-109.94
Total comprehensive income	-109.94	689.23		-109.94
Other changes in equity [Abstract]				
Deductions to reserves [Abstract]				
Other deductions to reserves	0			0
Total deductions to reserves	0			0
Other changes in equity, others	0	-9.99		0
Total other changes in equity	0	-9.99		0
Total increase (decrease) in equity	-109.94	679.24		-109.94
Other equity at end of period	804.96	914.9	235.66	804.96

Statement of changes in equity [Table]

..(11)

Unless otherwise specified, all monetary values are in Crores of INR

Components of equity [Axis]	Other comprehensive income, others [Member]		Other equity other [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Other equity [Abstract]				
Statement of changes in equity [Line items]				
Equity [Abstract]				
Changes in equity [Abstract]				
Comprehensive income [Abstract]				
Profit (loss) for period	0		0	0
Changes in comprehensive income components	689.23			
Total comprehensive income	689.23		0	0
Other changes in equity [Abstract]				
Deductions to reserves [Abstract]				
Other deductions to reserves			0	793.21
Total deductions to reserves			0	793.21
Other changes in equity, others	(A) -9.99			
Total other changes in equity	-9.99		0	-793.21
Total increase (decrease) in equity	679.24		0	-793.21
Other equity at end of period	914.9	235.66	0	0
Description of nature of other equity, others			Hybrid securities perpetual	Hybrid securities perpetual

Footnotes

(A) Transfers within equity

Statement of changes in equity [Table]

..(12)

Unless otherwise specified, all monetary values are in Crores of INR

Components of equity [Axis]	Other equity other [Member]	Other equity other 1 [Member]		
		01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Other equity [Abstract]				
Statement of changes in equity [Line items]				
Equity [Abstract]				
Changes in equity [Abstract]				
Comprehensive income [Abstract]				
Profit (loss) for period		0	0	
Total comprehensive income		0	0	
Other changes in equity [Abstract]				
Deductions to reserves [Abstract]				
Other deductions to reserves		0	775	
Total deductions to reserves		0	775	
Total other changes in equity		0	-775	
Total increase (decrease) in equity		0	-775	
Other equity at end of period	793.21	0	0	775
Description of nature of other equity, others		Hybrid securities perpetual	Hybrid securities perpetual	

Statement of changes in equity [Table]

..(13)

Unless otherwise specified, all monetary values are in Crores of INR

Components of equity [Axis]	Other equity other 2 [Member]		
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Other equity [Abstract]			
Statement of changes in equity [Line items]			
Equity [Abstract]			
Changes in equity [Abstract]			
Comprehensive income [Abstract]			
Profit (loss) for period	0	0	
Total comprehensive income	0	0	
Other changes in equity [Abstract]			
Deductions to reserves [Abstract]			
Other deductions to reserves	0	18.21	
Total deductions to reserves	0	18.21	
Total other changes in equity	0	-18.21	
Total increase (decrease) in equity	0	-18.21	
Other equity at end of period	0	0	18.21
Description of nature of other equity, others	Shares pending issue	Shares pending issue	

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023
Disclosure of notes on changes in equity [TextBlock]	Textual information (35) [See below]

Textual information (35)

Disclosure of notes on changes in equity [Text Block]

1. Hybrid perpetual securities

The detail of movement in Hybrid perpetual securities is as below:

		(Rs crore)
	Year ended March 31, 2023	Year ended March 31, 2022
Balance at the beginning of the year	-	775.00
Repayments during the year	-	(775.00)
Balance at the end of the year	-	-

The Company had issued hybrid perpetual securities of Rs.775.00 crore in May 2011. These securities were perpetual in nature with no maturity or redemption and callable only at the option of the Company. The distribution on these securities were 11.50% p.a. with a step up provision if the securities were not called after 10 years. The distribution on the securities may have been deferred at the option of the Company if, in the six months preceding the relevant distribution payment date, the Company had not made payment on, or repurchased or redeemed, any securities ranking pari passu with, or junior to the instrument. As these securities were perpetual in nature and the Company did not have any redemption obligation, these were classified as equity.

During the year ended March 31, 2022, the Company had exercised its call option and redeemed the perpetual securities worth Rs775.00 crore issued during May 2011.

2. Other equity

A. Retained earnings

The details of movement in retained earnings is as below:

		(Rs. crore)
	Year ended March 31, 2023	Year ended March 31, 2022
Balance at the beginning of the year	76,498.67	46,480.00
Profit for the year	15,495.11	33,011.18
Remeasurement of post-employment defined benefit plans	281.04	7.57
Tax on remeasurement of post-employment defined benefit plans	(70.73)	(1.90)
Dividend	(6,233.11)	(3,007.08)
Distribution on hybrid perpetual securities(i)	-	(1.46)
Tax on distribution on hybrid perpetual securities	-	0.37
Transfers within equity(ii)	-	9.99
Balance at the end of the year	85,970.98	76,498.67

(i) During the year ended March 31, 2022, distribution of Rs8.30 crore post exercise of the call option on hybrid perpetual securities had been recognised in the statement of profit & loss.

(ii) Represents gain/(loss) on sale of investments carried at fair value through other comprehensive income reclassified from investment revaluation reserve during the year ended March 31, 2022.

B. Items of other comprehensive income

(a) Cash flow hedge reserve

The cumulative effective portion of gains or losses arising from changes in fair value of hedging instruments designated as cash flow hedges are recognised in cash flow hedge reserve. Such changes recognised are reclassified to the statement of profit and loss when the hedged item affects the profit or loss or are included as an adjustment to the cost of the related non-financial hedged item.

The Company has designated certain foreign currency forward contracts, interest rate swaps and interest rate caps and collars as cash flow hedges in respect of foreign exchange and interest rate risks.

The details of movement in cash flow hedge reserve is as below:

		(Rs. crore)
	Year ended March 31, 2023	Year ended March 31, 2022
Balance at the beginning of the year	61.10	(41.10)
Other comprehensive income recognised during the year	60.97	102.20
Balance at the end of the year	122.07	61.10

(i) The details of other comprehensive income recognised during the year is as below:

		(Rs. crore)
	As at March 31, 2023	As at March 31, 2022
Fair value changes recognised during the year	240.65	123.92
Fair value changes reclassified to profit and loss/cost of hedged items	(159.18)	12.65
Tax impact on above	(20.50)	(34.37)
	60.97	102.20

During the year, ineffective portion of cash flow hedges recognised in the statement of profit and loss amounted to Nil (2021-22: Nil). (ii) The amount recognised in cash flow hedge reserve (net of tax) is expected to impact the statement of profit and loss as below:

- within the next one year: gain Rs.37.82 crore (2021-22: Rs.4.01 crore).
- later than one year: gain Rs.81.49 crore (2021-22: Rs.57.09 crore).

(b) Investment revaluation reserve

Cumulative gains and losses arising from fair value changes of equity investments measured at fair value through other comprehensive income are recognised in investment revaluation reserve. The reserve balance represents such changes recognised net of amounts reclassified to retained earnings on disposal of such investments.

The details of movement in investment revaluation reserve is as below:

		(Rs. crore)

	Year ended March 31, 2023	Year ended March 31, 2022
Balance at the beginning of the year	853.80	276.76
Other comprehensive income recognised during the year	(193.59)	654.92
Tax impact on above	22.68	(67.89)
Transfers within equity	-	(9.99)
Balance at the end of the year	682.89	853.80

C. Other reserves

(a) Securities premium

Securities premium is used to record premium received on issue of shares. The reserve is utilised in accordance with the provisions of the Companies Act, 2013.

The details of movement in securities premium is as below:

		(Rs. crore)
	Year ended March 31, 2023	Year ended March 31, 2022
Balance at the beginning of the year	31,288.89	30,964.76
Received/transfer on issue of Ordinary Shares during the year	1.44	325.25
Equity issue expenses written (of)/back during the year	(0.09)	(1.12)
Balance at the end of the year	31,290.24	31,288.89

(b) Debenture redemption reserve

The provisions of the Companies Act, 2013 read with the related rules required a company issuing debentures to create a Debenture Redemption Reserve (DRR) of 25% of the value of debentures issued, either through a public issue or on a private placement basis, out of the profits of the Company available for payment of dividend. The amounts credited to the DRR can be utilised by the company only to redeem debentures.

As per the recent amendment in the Companies (Share Capital and Debentures) Rules, 2014, a listed company issuing privately placed debentures on or after August 16, 2019, is not required to maintain additional amount in the DRR. Accordingly, the existing balance in the DRR shall be maintained to be utilised only for the redemption of existing debentures issued by the company before August 16, 2019.

The details of movement in debenture redemption reserve during the year is as below:

		(Rs. crore)
	Year ended March 31, 2023	Year ended March 31, 2022
Balance at the beginning of the year	2,046.00	2,046.00
Balance at the end of the year	2,046.00	2,046.00

(c) General reserve

Under the erstwhile Companies Act, 1956, a general reserve was created through an annual transfer of net profit at a specified percentage in accordance with applicable regulations. Consequent to the introduction of the Companies Act, 2013, the requirement to mandatory transfer a specified percentage of net profit to general reserve has been withdrawn.

The details of movement in general reserve during the year is as below:

		(Rs. crore)
	Year ended March 31, 2023	Year ended March 31, 2022
Balance at the beginning of the year	11,596.35	11,596.35
Balance at the end of the year	11,596.35	11,596.35

(d) Capital redemption reserve

The Companies Act, 2013 requires that when a Company purchases its own shares out of free reserves or securities premium account, a sum equal to the nominal value of the shares so purchased shall be transferred to a capital redemption reserve. The reserve is utilised in accordance with the provisions of Section 69 of the Companies Act, 2013.

The details of movement in capital redemption reserve during the year is as below:

		(Rs. crore)
	Year ended March 31, 2023	Year ended March 31, 2022
Balance at the beginning of the year	20.78	20.78
Balance at the end of the year	20.78	20.78

(e) Capital reserve

The excess of fair value of net assets acquired over consideration paid in a common control transaction is recognised as capital reserve.

The details of movement in Capital Reserve during the year is as below:

		(Rs. crore)
	Year ended March 31, 2023	Year ended March 31, 2022
Balance at the beginning of the year	1,730.25	1,730.25
Balance at the end of the year	1,730.25	1,730.25

(f) Others

Others primarily represents amount appropriated out of the statement of profit and loss for unforeseen contingencies. The details of movement in others during the year is as below:

		(Rs. crore)
	Year ended March 31, 2023	Year ended March 31, 2022
Balance at the beginning of the year	115.55	115.55
Balance at the end of the year	115.55	115.55

D. Shares pending issue

		(Rs. crore)
	Year ended March 31, 2023	Year ended March 31, 2022

Balance at the beginning of the year (i)	-	18.21
Less: Allotted during the year	-	(18.21)
Balance at the end of the year	-	-

(i) During the year ended March 31, 2022, opening balance was net of 13,500 treasury shares amounting to Rs.0.01 crore, which had been subsequently cancelled.

E. Share application money pending allotment

The details of movement in share application money pending allotment during the year is as below:

		(Rs. crore)
	Year ended March 31, 2023	Year ended March 31, 2022
Balance at the beginning of the year	-	3.78
Received during the year	1.46	326.85
Allotted during the year	(1.46)	(330.63)
Balance at the end of the year	-	-

[320000] Cash flow statement, indirect

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Statement of cash flows [Abstract]			
Whether cash flow statement is applicable on company	Yes	Yes	
Cash flows from used in operating activities [Abstract]			
Profit before tax	21,021.92	44,090.65	
Adjustments for reconcile profit (loss) [Abstract]			
Adjustments for finance costs	3,792.14	2,792.08	
Adjustments for decrease (increase) in inventories	-1,011.54	-7,072.78	
Adjustments for other financial assets, non-current	-679.28	-1,119.44	
Adjustments for depreciation and amortisation expense	5,434.61	5,463.69	
Adjustments for other financial liabilities, non-current	-4,555.71	11,111.87	
Adjustments for unrealised foreign exchange losses gains	-2,542.96	-851.6	
Adjustments for dividend income	285.38	243.92	
Adjustments for interest income	(A) 2,852.86	(B) 1,125.57	
Other adjustments for which cash effects are investing or financing cash flow	(C) 68	(D) -17.28	
Other adjustments for non-cash items	(E) 729.31	(F) 198.65	
Total adjustments for reconcile profit (loss)	-1,903.67	9,135.7	
Net cash flows from (used in) operations	19,118.25	53,226.35	
Income taxes paid (refund)	4,891.32	11,240.23	
Net cash flows from (used in) operating activities	14,226.93	41,986.12	
Cash flows from used in investing activities [Abstract]			
Cash flows from losing control of subsidiaries or other businesses	1,112.42	0	
Cash flows used in obtaining control of subsidiaries or other businesses	(G) 1,375.77	12,897	
Other cash receipts from sales of equity or debt instruments of other entities	0	(H) 7,193.3	
Other cash payments to acquire equity or debt instruments of other entities	(I) 2,136.14	55.39	
Proceeds from sales of property, plant and equipment	19.08	132.61	
Purchase of property, plant and equipment	8,554.58	6,288.29	
Dividends received	(J) 285.38	(K) 243.92	
Interest received	277.71	144.32	
Other inflows (outflows) of cash	(L) -688.71	(M) -22,641.26	
Net cash flows from (used in) investing activities	-11,060.61	-34,167.79	
Cash flows from used in financing activities [Abstract]			
Proceeds from issuing shares	1.37	325.72	
Proceeds from borrowings	(N) 16,628.55	(O) 8,831.09	
Repayments of borrowings	(P) 11,010.86	9,380.72	
Payments of lease liabilities	495	483.03	
Dividends paid	6,233.11	3,007.08	
Interest paid	3,856.03	2,868.17	
Other inflows (outflows) of cash	(Q) -13.85	(R) -785.86	
Net cash flows from (used in) financing activities	-4,978.93	-7,368.05	
Net increase (decrease) in cash and cash equivalents before effect of exchange rate changes	-1,812.61	450.28	
Net increase (decrease) in cash and cash equivalents	-1,812.61	450.28	
Cash and cash equivalents cash flow statement at end of period	858.98	2,671.59	2,221.31

Footnotes

(A) Interest income and income from current investments

(B) Interest income and income from current investments

(C) (Gain)/loss on sale of property, plant and equipment including intangible assets (net of loss on assets scrapped/written off)

(D) (Gain)/loss on sale of property, plant and equipment including intangible assets (net of loss on assets scrapped/written off)

(E)

Particulars	2022-23
Exceptional (income)/expenses	778.78
(Gain)/loss on cancellation of forwards, swaps and options	0.58
Other non-cash items	-50.05
Total	729.31

(F)

Particulars	2021-22
Exceptional (income)/expenses	235.45
(Gain)/loss on cancellation of forwards, swaps and options	-39.05
Other non-cash items	2.25
Total	198.65

(G)

Particulars	2022-23
Purchase of investments in subsidiaries	-1,245.77
Purchase of business undertaking	-130.00
Total	-1,375.77

(H)

Particulars	2021-22
Sale of other non-current investments	9.99
(Purchase)/sale of current investments (net)	7,183.31
Total	7,193.30

(I)

Particulars	2022-23
Purchase of other non-current investments	-314.00
(Purchase)/sale of current investments (net)	-1,822.14
Total	-2,136.14

(J)

Particulars	2022-23
Dividend received from subsidiaries	234.93
Dividend received from associates and joint ventures	26.83
Dividend received from others	23.62
Total	285.38

(K)

Particulars	2021-22
Dividend received from subsidiaries	113.89
Dividend received from associates and joint ventures	109.64
Dividend received from others	20.39
Total	243.92

(L)

Particulars	2022-23
Loans given	-1,241.15
Repayment of loans given	564.65
Fixed/restricted deposits with banks (placed)/realised (net)	-12.21
Total	-688.71

(M)

Particulars	2021-22
Loans given	-23,104.83
Repayment of loans given	483.74
Principal receipts under sublease	1.43
Fixed/restricted deposits with banks (placed)/realised (net)	-21.60
Total	-22,641.26

(N) Proceeds from long-term borrowings (net of issue expenses)

(O)

Particulars	2021-22
Proceeds from long-term borrowings (net of issue expenses)	36.88
Proceeds/(repayments) of short-term borrowings (net)	8,794.21
Total	8,831.09

(P)

Particulars	2022-23
Repayment of long-term borrowings	-2,904.30
Proceeds/(repayments) of short-term borrowings (net)	-8,106.56
Total	-11,010.86

(Q) Amount received/(paid) on utilisation/cancellation of derivatives

(R)

Particulars	2021-22
Amount received/(paid) on utilisation/cancellation of derivatives	33.33
Repayment of hybrid perpetual securities	-775.00
Distribution on hybrid perpetual securities	-44.19
Total	-785.86

[610100] Notes - List of accounting policies

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023
Disclosure of significant accounting policies [TextBlock]	Textual information (36) [See below]

Textual information (36)

Disclosure of significant accounting policies [Text Block]

Significant accounting policies

The significant accounting policies applied by the Company in the preparation of its financial statements are listed below. Such accounting policies have been applied consistently to all the periods presented in these financial statements, unless otherwise indicated.

(a) Statement of compliance

The financial statements have been prepared in accordance with the Indian Accounting Standards (referred to as “Ind AS”) prescribed under Section 133 of the Companies Act, 2013 read with Companies (Indian Accounting Standards) Rules, as amended from time to time and other relevant provisions of the Act.

(b) Basis of preparation

The financial statements have been prepared under the historical cost convention with the exception of certain assets and liabilities that are required to be carried at fair value by Ind AS.

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date.

(c) Use of estimates and critical accounting judgements

In the preparation of financial statements, the Company makes judgements in the application of accounting policies; and estimates and assumptions which affects carrying values of assets and liabilities that are not readily apparent from other sources. The estimates and associated assumptions are based on historical experience and other factors that are considered to be relevant. Actual results may differ from these estimates.

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised and future periods affected.

Key source of estimation of uncertainty at the date of financial statements, which may cause material adjustment to the carrying amounts of assets and liabilities within the next financial year, is in respect of impairment, useful lives of property, plant and equipment, right-of-use assets and intangible assets and expected credit loss for financial instruments carried at amortised cost (detailed in note 2(n), page F34) provisions and contingent liabilities, fair value measurements of financial instruments and retirement benefit obligations as discussed below.

Impairment

The Company estimates the value in use of the cash generating unit (CGU) based on future cash flows after considering current economic conditions and trends, estimated future operating results and growth rates and anticipated future economic and regulatory conditions. The estimated cash flows are developed using internal forecasts. The cash flows are discounted using a suitable discount rate in order to calculate the present value. Further details of the Company’s impairment review and key assumptions are set out in note 3, page F41, note 4, page F46, note 5, page F48 and note 6, page F50.

Useful lives of property, plant and equipment, right-of-use assets and intangible assets

The Company reviews the useful life of property, plant and equipment and intangible assets at the end of each reporting period. This reassessment may result in change in depreciation and amortisation expense in future periods. The policy has been detailed in note 2(i), page F31.

Provisions and contingent liabilities

A provision is recognised when the Company has a present obligation as result of a past event and it is probable that the outflow of resources will be required to settle the obligation, in respect of which a reliable estimate can be made. These are reviewed at each balance sheet date and adjusted to reflect the current best estimates. Contingent liabilities are not recognised in the financial statements. Further details are set out in note 20, page F83 and note 35A, page F100.

Fair value measurements of financial instruments

When the fair value of financial assets and financial liabilities recorded in the balance sheet cannot be measured based on quoted prices in active markets, their fair value is measured using valuation techniques including Discounted Cash Flow Model. The inputs to these models are taken from observable markets where possible, but where this is not feasible, a degree of judgement is required in establishing fair value. Judgements include considerations of inputs such as liquidity risks, credit risks and volatility. Changes in assumptions about these factors could affect the reported fair value of financial instruments. Further details are set out in note 39, page F110.

Retirement benefit obligations

The Company's retirement benefit obligations are subject to number of assumptions including discount rates, inflation and salary growth. Significant assumptions are required when setting these criteria and a change in these assumptions would have a significant impact on the amount recorded in the Company's balance sheet and the statement of profit and loss. The Company sets these assumptions based on previous experience and third party actuarial advice. Further details on the Company's retirement benefit obligations, including key assumptions are set out in note 34, page F92.

(d) Property, plant and equipment

An item of property, plant and equipment is recognised as an asset if it is probable that future economic benefits associated with the item will flow to the Company and its cost can be measured reliably. This recognition principle is applied to costs incurred initially to acquire an item of property, plant and equipment and also to costs incurred subsequently to add to, replace part of, or service it. All other repair and maintenance costs, including regular servicing, are recognised in the statement of profit and loss as incurred. When a replacement occurs, the carrying value of the replaced part is de-recognised. Where an item of property, plant and equipment comprises major components having different useful lives, these components are accounted for as separate items.

Property, plant and equipment is stated at cost or deemed cost applied on transition to Ind AS, less accumulated depreciation and impairment. Cost includes all direct costs and expenditures incurred to bring the asset to its working condition and location for its intended use. Trial run expenses are capitalised. Borrowing costs incurred during the period of construction is capitalised as part of cost of qualifying asset.

The gain or loss arising on disposal of an item of property, plant and equipment is determined as the difference between sale proceeds and carrying value of such item, and is recognised in the statement of profit and loss.

(e) Exploration for and evaluation of mineral resources

Expenditures associated with search for specific mineral resources are recognised as exploration and evaluation assets. The following expenditure comprises cost of exploration and evaluation assets:

- obtaining of the rights to explore and evaluate mineral reserves and resources including costs directly related to this acquisition
- researching and analysing existing exploration data
- conducting geological studies, exploratory drilling and sampling
- examining and testing extraction and treatment methods
- compiling pre-feasibility and feasibility studies
- activities in relation to evaluating the technical feasibility and commercial viability of extracting a mineral resource

Administration and other overhead costs are charged to the cost of exploration and evaluation assets only if directly related to an exploration and evaluation project.

If a project does not prove viable, all irrecoverable exploration and evaluation expenditure associated with the project net of any related impairment allowances is written off to the statement of profit and loss.

The Company measures its exploration and evaluation assets at cost and classifies as property, plant and equipment or intangible assets according to the nature of the assets acquired and applies the classification consistently. To the extent that a tangible asset is consumed in developing an intangible asset, the amount reflecting that consumption is capitalised as a part of the cost of the intangible asset.

As the asset is not available for use, it is not depreciated. All exploration and evaluation assets are monitored for indications of impairment. An exploration and evaluation asset is no longer classified as such when the technical feasibility and commercial viability of extracting a mineral resource are demonstrable and the development of the deposit is sanctioned by the management. The carrying value of such exploration and evaluation asset is reclassified to mining assets.

(f) Development expenditure for mineral reserves

Development is the establishment of access to mineral reserves and other preparations for commercial production. Development activities often continue during production and include:

- sinking shafts and underground drifts (often called mine development)
- making permanent excavations
- developing passageways and rooms or galleries
- building roads and tunnels and
- advance removal of overburden and waste rock

Development (or construction) also includes the installation of infrastructure (e.g., roads, utilities and housing), machinery, equipment and facilities.

Development expenditure is capitalised and presented as part of mining assets. No depreciation is charged on the development expenditure before the start of commercial production.

(g) Provision for restoration and environmental costs

The Company has liabilities related to restoration of soil and other related works, which are due upon the closure of certain of its mining sites.

Such liabilities are estimated case-by-case based on available information, taking into account applicable local legal requirements. The estimation is made using existing technology, at current prices, and discounted using an appropriate discount rate where the effect of time value of money is material. Future restoration and environmental costs, discounted to net present value, are capitalised and the corresponding restoration liability is raised as soon as the obligation to incur such costs arises. Future restoration and environmental costs are capitalised in property, plant and equipment or mining assets as appropriate and are depreciated over the life of the related asset. The effect of time value of money on the restoration and environmental costs liability is recognised in the statement of profit and loss.

(h) Intangible assets

Patents, trademarks and software costs are included in the balance sheet as intangible assets when it is probable that associated future economic benefits would flow to the Company. In this case they are measured initially at purchase cost and then amortised on a straight-line basis over their estimated useful lives. All other costs on patents, trademarks and software are expensed in the statement of profit and loss as and when incurred.

Expenditure on research activities is recognised as an expense in the period in which it is incurred. Costs incurred on individual development projects are recognised as intangible assets from the date when all of the following conditions are met:

- (i) completion of the development is technically feasible.
- (ii) it is the intention to complete the intangible asset and use or sell it.
- (iii) ability to use or sell the intangible asset.
- (iv) it is clear that the intangible asset will generate probable future economic benefits.
- (v) adequate technical, financial and other resources to complete the development and to use or sell the intangible asset are available.
- (vi) it is possible to reliably measure the expenditure attributable to the intangible asset during its development.

Recognition of costs as an asset is ceased when the project is complete and available for its intended use, or if these criteria are no longer applicable.

Where development activities do not meet the conditions for recognition as an asset, any associated expenditure is treated as an expense in the period in which it is incurred.

Subsequent to initial recognition, intangible assets with definite useful lives are reported at cost or deemed cost applied on transition to Ind AS, less accumulated amortisation and accumulated impairment losses.

(i) Depreciation and amortisation of property, plant and equipment, right-of-use assets and intangible assets

Depreciation or amortisation is provided so as to write off, on a straight-line basis, the cost/deemed cost of property, plant and equipment and intangible assets, including right-of-use assets to their residual value. These charges are commenced from the dates the assets are available for their intended use and are spread over their estimated useful economic lives or, in the case of right-of-use assets, over the lease period, if shorter. The estimated useful lives of assets, residual values and depreciation method are reviewed regularly and, when necessary, revised.

Depreciation on assets under construction commences only when the assets are ready for their intended use.

The estimated useful lives for main categories of property, plant and equipment and intangible assets are:

	Estimated useful life (years)
Buildings	upto 60 years*
Roads	5 to 10 years
Plant and machinery	upto 40 years*
Railway sidings	upto 35 years*
Vehicles and aircraft	5 to 20 years
Furniture, fixtures and office equipments	3 to 10 years
Computer software	3 to 5 years
Assets covered under Electricity Act (life as prescribed under the Electricity Act)	3 to 38 years

Mining assets are amortised over the useful life of the mine or lease period whichever is lower.

Major furnace relining expenses are depreciated over a period of 10 years (average expected life).

Freehold land is not depreciated.

Assets value upto Rs. 25,000 are fully depreciated in the year of acquisition.

*For these class of assets, based on internal assessment and independent technical evaluation carried out by chartered engineers, the Company believes that the useful lives as given above best represents the period over which the Company expects to use these assets. Hence the useful lives for these assets are different from the useful lives as prescribed under Part C of Schedule II of the Companies Act, 2013.

(j) Impairment

At each balance sheet date, the Company reviews the carrying value of its property, plant and equipment and intangible assets to determine whether there is any indication that the carrying value of those assets may not be recoverable through continuing use. If any such indication exists, the recoverable amount of the asset is reviewed in order to determine the extent of impairment loss, if any. Where the asset does not generate cash flows that are independent from other assets, the Company estimates the recoverable amount of the cash generating unit to which the asset belongs.

Recoverable amount is the higher of fair value less costs to sell and value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset for which the estimates of future cash flows have not been adjusted. An impairment loss is recognised in the statement of profit and loss as and when the carrying value of an asset exceeds its recoverable amount.

Where an impairment loss subsequently reverses, the carrying value of the asset (or cash generating unit) is increased to the revised estimate of its recoverable amount so that the increased carrying value does not exceed the carrying value that would have been determined had no impairment loss been recognised for the asset (or cash generating unit) in prior years. A reversal of an impairment loss is recognised in the statement of profit and loss immediately.

(k) Leases

The Company determines whether an arrangement contains a lease by assessing whether the fulfilment of a transaction is dependent on the use of a specific asset and whether the transaction conveys the right to control the use of that asset to the Company in return for payment.

The Company as lessee

The Company accounts for each lease component within the contract as a lease separately from non-lease components of the contract and allocates the consideration in the contract to each lease component on the basis of the relative stand-alone price of the lease component and the aggregate stand-alone price of the non-lease components. The Company recognises right-of-use asset representing its right to use the underlying asset for the lease term at the lease commencement date. The cost of the right-of-use asset measured at inception comprises of the amount of initial measurement of the lease liability adjusted for any lease payments made at or before the commencement date.

Certain lease arrangements include options to extend or terminate the lease before the end of the lease term.

The right-of-use assets and lease liabilities include these options when it is reasonably certain that such options would be exercised.

The right-of-use assets are subsequently measured at cost less any accumulated depreciation, accumulated impairment losses, if any and adjusted for any re-measurement of the lease liability. The right-of-use assets are depreciated using the straight-line method from the commencement date over the shorter of lease term or useful life of right-of-use asset.

Right-of-use assets are tested for impairment whenever there is any indication that their carrying amounts may not be recoverable. Impairment loss, if any, is recognised in the statement of profit and loss.

Lease liability is measured at the present value of the lease payments that are not paid at the commencement date of the lease. The lease payments are discounted using the interest rate implicit in the lease, if that rate can be readily determined. If that rate cannot be readily determined, the Company uses incremental borrowing rate. The lease liability is subsequently remeasured by increasing the carrying amount to reflect interest on

the lease liability, reducing the carrying amount to reflect the lease payments made and remeasuring the carrying amount to reflect any

reassessment or lease modifications. The Company recognises the amount of the re-measurement of lease liability as an adjustment to the right-of-use asset. Where the carrying amount of the right-of-use asset is reduced to zero and there is a further reduction in the measurement of the lease liability, the Company recognises any remaining amount of the re-measurement in statement of profit and loss.

Variable lease payments not included in the measurement of the lease liabilities are expensed to the statement of profit and loss in the period in which the events or conditions which trigger those payments occur.

Payment made towards leases for which non-cancellable term is 12 months or lesser (short-term leases) and low value leases are recognised in the statement of Profit and Loss as rental expenses over the tenor of such leases.

In a sale and lease back transaction, the Company measures right-of-use asset arising from the leaseback as the proportion of the previous carrying amount of the asset that relates to the right-of-use retained. The gain or loss that the company recognises in the statement of profit and loss is limited to the proportion of the total gain or loss that relates to the rights transferred to the buyer.

The Company as lessor

(i) Operating lease – Rental income from operating leases is recognised in the statement of profit and loss on a straight- line basis over the term of the relevant lease unless another systematic basis is more representative of the time pattern in which economic benefits from the leased asset is diminished. Initial direct costs incurred in negotiating and arranging an operating lease are added to the carrying value of the leased asset and recognised on a straight-line basis over the lease term.

(ii) Finance lease – When assets are leased out under a finance lease, the present value of minimum lease payments is recognised as a receivable. The difference between the gross receivable and the present value of receivable is recognised as unearned finance income. Lease income is recognised over the term of the lease using the net investment method before tax, which reflects a constant periodic rate of return.

(l) Stripping costs

The Company separates two different types of stripping costs that are incurred in surface mining activity:

- developmental stripping costs and
- production stripping costs

Developmental stripping costs which are incurred in order to obtain access to quantities of mineral reserves that will be mined in future periods are capitalised as part of mining assets. Capitalisation of developmental stripping costs ends when the commercial production of the mineral reserves begins.

A mine can operate several open pits that are regarded as separate operations for the purpose of mine planning and production. In this case, stripping costs are accounted for separately, by reference to the ore extracted from each separate pit. If, however, the pits are highly integrated for the purpose of mine planning and production, stripping costs are aggregated too.

The determination of whether multiple pit mines are considered separate or integrated operations depends on each mine's specific circumstances. The following factors normally point towards the stripping costs for the individual pits being accounted for separately:

- mining of the second and subsequent pits is conducted consecutively with that of the first pit, rather than concurrently
- separate investment decisions are made to develop each pit, rather than a single investment decision being made at the outset
- the pits are operated as separate units in terms of mine planning and the sequencing of overburden and ore mining, rather than as an integrated unit
- expenditures for additional infrastructure to support the second and subsequent pits are relatively large

- the pits extract ore from separate and distinct ore bodies, rather than from a single ore body.

The relative importance of each factor is considered by the management to determine whether, the stripping costs should be attributed to the individual pit or to the combined output from the several pits.

Production stripping costs are incurred to extract the ore in the form of inventories and/or to improve access to an additional component of an ore body or deeper levels of material. Production stripping costs are accounted for as inventories to the extent the benefit from production stripping activity is realised in the form of inventories.

The Company recognises a stripping activity asset in the production phase if, and only if, all of the following are met:

- it is probable that the future economic benefit (improved access to the ore body) associated with the stripping activity will flow to the Company
- the Company can identify the component of the ore body for which access has been improved and
- the costs relating to the improved access to that component can be measured reliably.

Such costs are presented within mining assets. After initial recognition, stripping activity assets are carried at cost/deemed cost less accumulated amortisation and impairment. The expected useful life of the identified component of the ore body is used to depreciate or amortise the stripping asset.

(m) Investments in subsidiaries, associates and joint ventures

Investments in subsidiaries, associates and joint ventures are carried at cost/deemed cost applied on transition to Ind AS, less accumulated impairment losses, if any. Where an indication of impairment exists, the carrying amount of investment is assessed and an impairment provision is recognised, if required immediately to its recoverable amount. On disposal of such investments, difference between the net disposal proceeds and carrying amount is recognised in the statement of profit and loss.

(n) Financial instruments

Financial assets and financial liabilities are recognised when the Company becomes a party to the contractual provisions of the instrument. Financial assets and liabilities are initially measured at fair value. Transaction costs that are directly attributable to the acquisition or issue of financial assets and financial liabilities (other than financial assets and financial liabilities at fair value through profit and loss) are added to or deducted from the fair value measured on initial recognition of financial asset or financial liability. The transaction costs directly attributable to the acquisition of financial assets and financial liabilities at fair value through profit and loss are immediately recognised in the statement of profit and loss. Trade Receivables that do not contain a significant financing component are measured at transaction price.

Effective interest method

The effective interest method is a method of calculating the amortised cost of a financial instrument and of allocating interest income or expense over the relevant period. The effective interest rate is the rate that exactly discounts future cash receipts or payments through the expected life of the financial instrument, or where appropriate, a shorter period.

(I) Financial assets

Cash and bank balances

Cash and bank balances consist of:

- (i) Cash and cash equivalents - which includes cash on hand, deposits held at call with banks and other short-term deposits which are readily convertible into known amounts of cash, are subject to an insignificant risk of change in value and have original maturities of less than three months. These balances with banks are unrestricted for withdrawal and usage.

(ii) Other bank balances - which includes balances and deposits with banks that are restricted for withdrawal and usage.

Financial assets at amortised cost

Financial assets are subsequently measured at amortised cost if these financial assets are held within a business model whose objective is to hold these assets in order to collect contractual cash flows and the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

Financial assets measured at fair value

Financial assets are measured at fair value through other comprehensive income if such financial assets are held within a business model whose objective is to hold these assets in order to collect contractual cash flows and to sell such financial assets and the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

The Company in respect of certain equity investments (other than in subsidiaries, associates and joint ventures) which are not held for trading has made an irrevocable election to present in other comprehensive income subsequent changes in the fair value of such equity instruments. Such an election is made by the Company on an instrument by instrument basis at the time of initial recognition of such equity investments. These investments are held for medium or long-term strategic purpose. The Company has chosen to designate these investments in equity instruments as fair value through other comprehensive income as the management believes this provides a more meaningful presentation for medium or long-term strategic investments, than reflecting changes in fair value immediately in the statement of profit and loss.

Financial assets not measured at amortised cost or at fair value through other comprehensive income are carried at fair value through profit and loss.

Interest income

Interest income is accrued on a time proportion basis, by reference to the principal outstanding and effective interest rate applicable.

Dividend income

Dividend income from investments is recognised when the right to receive payment has been established.

Impairment of financial assets

Loss allowance for expected credit losses is recognised for financial assets measured at amortised cost and fair value through other comprehensive income.

The Company recognises life time expected credit losses for all trade receivables that do not constitute a financing transaction.

For financial assets (apart from trade receivables that do not constitute of financing transaction) whose credit risk has not significantly increased since initial recognition, loss allowance equal to twelve months expected credit losses is recognised. Loss allowance equal to the lifetime expected credit losses is recognised if the credit risk of the financial asset has significantly increased since initial recognition.

De-recognition of financial assets

The Company de-recognises a financial asset only when the contractual rights to the cash flows from the asset expire, or it transfers the financial asset and substantially all risks and rewards of ownership of the asset to another entity.

If the Company neither transfers nor retains substantially all the risks and rewards of ownership and continues to control the transferred asset, the Company recognises its retained interest in the assets and an associated liability for amounts it may have to pay.

If the Company retains substantially all the risks and rewards of ownership of a transferred financial asset, the Company continues to recognise the financial asset and also recognises a borrowing for the proceeds received.

(II) Financial liabilities and equity instruments

Classification as debt or equity

Financial liabilities and equity instruments issued by the Company are classified according to the substance of the contractual arrangements entered into and the definitions of a financial liability and an equity instrument.

Equity instruments

An equity instrument is any contract that evidences a residual interest in the assets of the Company after deducting all of its liabilities. Equity instruments are recorded at the proceeds received, net of direct issue costs.

Financial liabilities

Trade and other payables are initially measured at fair value, net of transaction costs, and are subsequently measured at amortised cost, using the effective interest rate method where the time value of money is significant.

Interest bearing bank loans, overdrafts and issued debt are initially measured at fair value and are subsequently measured at amortised cost using the effective interest rate method. Any difference between the proceeds (net of transaction costs) and the settlement or redemption of borrowings is recognised over the term of the borrowings in the statement of profit and loss.

De-recognition of financial liabilities

The Company de-recognises financial liabilities when, and only when, the Company's obligations are discharged, cancelled or they expire.

Derivative financial instruments and hedge accounting

In the ordinary course of business, the Company uses certain derivative financial instruments to reduce business risks which arise from its exposure to foreign exchange and interest rate fluctuations. The instruments are confined principally to forward foreign exchange contracts, cross currency swaps, interest rate swaps and collars. The instruments are employed as hedges of transactions included in the financial statements or for highly probable forecast transactions/firm contractual commitments. These derivatives contracts do not generally extend beyond six months, except for certain currency swaps and interest rate derivatives.

Derivatives are initially accounted for and measured at fair value on the date the derivative contract is entered into and are subsequently remeasured to their fair value at the end of each reporting period.

The Company adopts hedge accounting for forward foreign exchange and interest rate contracts wherever possible. At inception of each hedge, there is a formal, documented designation of the hedging relationship. This documentation includes, inter alia, items such as identification of the hedged item and transaction and nature of the risk being hedged. At inception, each hedge is expected to be highly effective in achieving an offset of changes in fair value or cash flows attributable to the hedged risk. The effectiveness of hedge instruments to reduce the risk associated with the exposure being hedged is assessed and measured at the inception and on an ongoing basis. The ineffective portion of designated hedges is recognised immediately in the statement of profit and loss.

When hedge accounting is applied:

- for fair value hedges of recognised assets and liabilities, changes in fair value of the hedged assets and liabilities attributable to the risk being hedged, are recognised in the statement of profit and loss and compensate for the effective portion of symmetrical changes in the fair value of the derivatives.
- for cash flow hedges, the effective portion of the change in the fair value of the derivative is recognised directly in other comprehensive income and the ineffective portion is recognised in the statement of profit and loss. If the cash flow hedge of a firm commitment or forecasted transaction results in the recognition of a non-financial asset or liability, then, at the time the asset or liability is recognised, the associated gains or losses on

the derivative that had previously been recognised in equity are included in the initial measurement of the asset or liability. For hedges that do not result in the recognition of a non-financial asset or a liability, amounts deferred in equity are recognised in the statement of profit and loss in the same period in which the hedged item affects the statement of profit and loss.

In cases where hedge accounting is not applied, changes in the fair value of derivatives are recognised in the statement of profit and loss as and when they arise.

Hedge accounting is discontinued when the hedging instrument expires or is sold, terminated, or exercised, or no longer qualifies for hedge accounting. At that time, any cumulative gain or loss on the hedging instrument recognised in equity is retained in equity until the forecasted transaction occurs. If a hedged transaction is no longer expected to occur, the net cumulative gain or loss recognised in equity is transferred to the statement of profit and loss for the period.

(o) Employee benefits

Defined contribution plans

Contributions under defined contribution plans are recognised as expense for the period in which the employee has rendered service. Payments made to state managed retirement benefit schemes are dealt with as payments to defined contribution schemes where the Company's obligations under the schemes are equivalent to those arising in a defined contribution retirement benefit scheme.

Defined benefit plans

For defined benefit retirement schemes, the cost of providing benefits is determined using the Projected Unit Credit Method, with actuarial valuation being carried out at each year-end balance sheet date. Remeasurement gains and losses of the net defined benefit liability/(asset) are recognised immediately in other comprehensive income. The service cost and net interest on the net defined benefit liability/(asset) are recognised as an expense within employee costs.

Past service cost is recognised as an expense when the plan amendment or curtailment occurs or when any related restructuring costs or termination benefits are recognised, whichever is earlier.

The retirement benefit obligations recognised in the balance sheet represents the present value of the defined benefit obligations as reduced by the fair value of plan assets.

Compensated absences

Liabilities recognised in respect of other long-term employee benefits such as annual leave and sick leave are measured at the present value of the estimated future cash outflows expected to be made by the Company in respect of services provided by employees up to the reporting date using the projected unit credit method with actuarial valuation being carried out at each year-end balance sheet date. Actuarial gains and losses arising from experience adjustments and changes in actuarial assumptions are charged or credited to the statement of profit and loss in the period in which they arise.

Compensated absences which are not expected to occur within twelve months after the end of the period in which the employee renders the related service are recognised based on actuarial valuation.

(p) Inventories

Inventories are stated at the lower of cost and net realisable value. Cost is ascertained on a weighted average basis.

Costs comprise direct materials and, where applicable, direct labour costs and those overheads that have been incurred in bringing the inventories to their present location and condition. Net realisable value is the price at which the inventories can be realised in the normal course of business after allowing for the cost of conversion from their existing state to a finished condition and for the cost of marketing, selling and distribution.

Provisions are made to cover slow-moving and obsolete items based on historical experience of utilisation on a product category basis, which involves individual businesses considering their product lines and market conditions.

(q) Provisions

Provisions are recognised in the balance sheet when the Company has a present obligation (legal or constructive) as a result of a past event, which is expected to result in an outflow of resources embodying economic benefits which can be reliably estimated. Each provision is based on the best estimate of the expenditure required to settle the present obligation at the balance sheet date. Where the time value of money is material, provisions are measured on a discounted basis.

Constructive obligation is an obligation that derives from an entity's actions where:

(i) by an established pattern of past practice, published policies or a sufficiently specific current statement, the entity has indicated to other parties that it will accept certain responsibilities and;

(ii) as a result, the entity has created a valid expectation on the part of those other parties that it will discharge such responsibilities.

(r) Onerous contracts

A provision for onerous contracts is recognised when the expected benefits to be derived by the Company from a contract are lower than the unavoidable cost of meeting its obligations under the contract. The provision is measured at the present value of the lower of the expected cost of terminating the contract and the expected net cost of continuing with the contract. Before a provision is established, the Company recognises any impairment loss on the assets associated with that contract.

(s) Government grants

Government grants are recognised at its fair value, where there is a reasonable assurance that such grants will be received and compliance with the conditions attached therewith have been met.

Government grants related to expenditure on property, plant and equipment are credited to the statement of profit and loss over the useful lives of qualifying assets or other systematic basis representative of the pattern of fulfilment of obligations associated with the grant received. Grants received less amounts credited to the statement of profit and loss at the reporting date are included in the balance sheet as deferred income.

(t) Business combination under common control

Business combinations involving entities or businesses under common control are accounted for using the pooling of interest method. Under pooling of interest method, the assets and liabilities of the combining entities or businesses are reflected at their carrying amounts after making adjustments necessary to harmonise the accounting policies. The financial information in the financial statements in respect of prior periods is restated as if the business combination had occurred from the beginning of the preceding period in the financial statements, irrespective of the actual date of the combination. The identity of the reserves is preserved in the same form in which they appeared in the financial statements of the transferor and the difference, if any, between the amount recorded as share capital issued plus any additional consideration in the form of cash or other assets and the amount of share capital of the transferor is transferred to capital reserve.

(u) Non-current assets held for sale and discontinued operations

Non-current assets and disposal groups classified as held for sale are measured at the lower of their carrying value and fair value less costs to sell.

Assets and disposal groups are classified as held for sale if their carrying value will be recovered through a sale transaction rather than through continuing use. This condition is only met when the sale is highly probable and the asset, or disposal group, is available for immediate sale in its present condition and is marketed for sale at a price that is reasonable in relation to its current fair value. The Company must also be committed to the sale, which should be expected to qualify for recognition as a completed sale within one year from the date of classification.

Where a disposal group represents a separate major line of business or geographical area of operations, or is part of a single co-ordinated plan to dispose of a separate major line of business or geographical area of operations, then it is treated as a discontinued operation. The post-tax profit or loss of the discontinued operation together with the gain or loss recognised on its disposal are disclosed as a single amount in the statement of profit and loss, with all prior periods being presented on this basis.

(v) Income Taxes

Tax expense for the year comprises of current and deferred tax. The tax currently payable is based on taxable profit for the year. Taxable profit differs from net profit as reported in the statement of profit and loss because it excludes items of income or expense that are taxable or deductible in other years and it further excludes items that are never taxable or deductible. The Company's liability for current tax is calculated using tax rates and tax laws that have been enacted or substantively enacted by the end of the reporting period.

Deferred tax is the tax expected to be payable or recoverable on differences between the carrying value of assets and liabilities in the financial statements and the corresponding tax bases used in the computation of taxable profit and is accounted for using the balance sheet liability method. Deferred tax liabilities are generally recognised for all taxable temporary differences. In contrast, deferred tax assets are only recognised to the extent that it is probable that future taxable profits will be available against which the temporary differences can be utilised.

The carrying value of deferred tax assets is reviewed at the end of each reporting period and reduced to the extent that it is no longer probable that sufficient taxable profits will be available to allow all or part of the asset to be recovered.

Deferred tax is calculated at the tax rates that are expected to apply in the period when the liability is settled or the asset is realised based on the tax rates and tax laws that have been enacted or substantially enacted by the end of the reporting period. The measurement of deferred tax liabilities and assets reflects the tax consequences that would follow from the manner in which the Company expects, at the end of the reporting period, to recover or settle the carrying value of its assets and liabilities.

Deferred tax assets and liabilities are offset to the extent that they relate to taxes levied by the same tax authority and there are legally enforceable rights to set off current tax assets and current tax liabilities within that jurisdiction.

Current and deferred tax are recognised as an expense or income in the statement of profit and loss, except when they relate to items credited or debited either in other comprehensive income or directly in equity, in which case the tax is also recognised in other comprehensive income or directly in equity.

(w) Revenue

The Company manufactures and sells a range of steel and other products.

Sale of products

Revenue from sale of products is recognised when control of the products has transferred, being when the products are delivered to the customer. Delivery occurs when the products have been shipped or delivered to the specific location as the case may be, the risks of loss has been transferred, and either the customer has accepted the products in accordance with the sales contract, or the Company has objective evidence that all criteria for acceptance have been satisfied. Sale of products include related ancillary services, if any.

Goods are often sold with volume and price discounts based on aggregate sales over a 12 months period. Revenue from these sales is recognised based on the price specified in the contract, net of the estimated volume and price discounts. Accumulated experience is used to estimate and provide for the discounts, using the most likely method, and revenue is only recognised to the extent that it is highly probable that a significant reversal will not occur. A liability is recognised for expected volume discounts payable to customers in relation to sales made until the end of the reporting period. No element of financing is deemed present as the sales are generally made with a credit term of 30-90 days, which is consistent with market practice. Any obligation to provide a refund is recognised as a provision. A receivable is recognised when the goods are delivered as this is the point in time that the consideration is unconditional because only the passage of time is required before the payment is due.

Sale of power

Revenue from sale of power is recognised when the services are provided to the customer based on approved tariff rates established by the respective regulatory authorities. The Company doesn't recognise revenue and an asset for cost incurred in the past that will be recovered.

(x) Foreign currency transactions and translations

The financial statements of the Company are presented in Indian Rupees ("Rs."), which is the functional currency of the Company and the presentation currency for the financial statements.

In preparing the financial statements, transactions in currencies other than the Company's functional currency are recorded at the rates of exchange prevailing on the date of the transaction. At the end of each reporting period, monetary items denominated in foreign currencies are re-translated at the rates prevailing at the end of the reporting period. Non-monetary items carried at fair value that are denominated in foreign currencies are re-translated at the rates prevailing on the date when the fair value was determined. Non-monetary items that are measured in terms of historical cost in a foreign currency are not translated.

Exchange differences arising on the re-translation or settlement of monetary items are included in the statement of profit and loss for the period.

(y) Borrowing costs

Borrowings costs directly attributable to the acquisition, construction or production of qualifying assets, which are assets that necessarily take a substantial period of time to get ready for their intended use or sale, are added to the cost of those assets, until such time as the assets are substantially ready for the intended use or sale.

Investment income earned on temporary investment of specific borrowings pending their expenditure on qualifying assets is recognised in the statement of profit and loss.

Discounts or premiums and expenses on the issue of debt securities are amortised over the term of the related securities and included within borrowing costs. Premiums payable on early redemptions of debt securities, in lieu of future finance costs, are recognised as borrowing costs.

All other borrowing costs are recognised as expenses in the period in which it is incurred.

(z) Earnings per share

Basic earnings per share is computed by dividing profit or loss for the year attributable to equity holders by the weighted average number of shares outstanding during the year. Partly paid-up shares are included as fully paid equivalents according to the fraction paid-up.

Diluted earnings per share is computed using the weighted average number of shares and dilutive potential shares except where the result would be anti-dilutive.

(aa) Recent Accounting Pronouncements

Ministry of Corporate Affairs ("MCA") has notified the following new amendments to Ind AS which the Company has not applied as they are effective for annual periods beginning on or after April 1, 2023.

Amendment to Ind AS 1 "Presentation of Financial Instruments"

The amendments require companies to disclose their material accounting policies rather than their significant accounting policies. Accounting policy information is material if, together with other information can reasonably be expected to influence decisions of primary users of general purpose financial statements. The Company does not expect this amendment to have any significant impact in its financial statements.

Amendment to Ind AS 12 "Income Taxes"

The amendments clarify how companies account for deferred tax on transactions such as leases and decommissioning obligations. The amendments narrowed the scope of the recognition exemption in paragraphs 15 and 24 of Ind AS 12 (recognition exemption) so that it no longer applies to transactions that, on initial recognition, give rise to equal taxable and deductible temporary differences. The Company is evaluating the impact, if any, in its financial statements.

Amendment to Ind AS 8 "Accounting Policies, Changes in Accounting Estimates and Errors"

The amendments will help entities to distinguish between accounting policies and accounting estimates. The definition of a change in accounting estimates has been replaced with a definition of accounting estimates. Under the new definition, accounting estimates are "monetary amounts in financial statements that are subject to measurement uncertainty". Entities use measurement techniques and inputs to develop accounting

estimates if accounting policies require items in financial statements to be measured in a way that involves measurement uncertainty. The Company does not expect this amendment to have any significant impact in its financial statements.

[610200] Notes - Corporate information and statement of IndAs compliance

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of corporate information notes and other explanatory information [TextBlock]	Textual information (37) [See below]	
Statement of Ind AS compliance [TextBlock]	Textual information (38) [See below]	Textual information (39) [See below]
Whether there is any departure from Ind AS	No	No
Whether there are reclassifications to comparative amounts	No	No
Disclosure of significant accounting policies [TextBlock]	Textual information (40) [See below]	

Textual information (37)

Disclosure of corporate information notes and other explanatory information [Text Block]

Company information

Tata Steel Limited (“the Company”) is a public limited Company incorporated in India with its registered office in Bombay House 24, Homi Modi Street Fort, Mumbai-400 001, Maharashtra, India. The Company is listed on the BSE Limited (BSE) and the National Stock Exchange of India Limited (NSE).

The Company has presence across the entire value chain of steel manufacturing from mining and processing iron ore and coal to producing and distributing finished products. The Company offers a broad range of steel products including a portfolio of high value added downstream products such as hot rolled, cold rolled, coated steel, rebars, wire rods, tubes and wires.

The functional and presentation currency of the Company is Indian Rupee (“Rs.”) which is the currency of the primary economic environment in which the Company operates.

As on March 31, 2023, Tata Sons Private Limited owns 32.44% of the Ordinary Shares of the Company, and has the ability to influence the Company’s operations.

The financial statements for the year ended March 31, 2023 were approved by the Board of Directors and authorised for issue on May 2, 2023.

Textual information (38)

Statement of Ind AS compliance [Text Block]

Statement of compliance

The financial statements have been prepared in accordance with the Indian Accounting Standards (referred to as “Ind AS”) prescribed under Section 133 of the Companies Act, 2013 read with Companies (Indian Accounting Standards) Rules, as amended from time to time and other relevant provisions of the Act.

Textual information (39)

Statement of Ind AS compliance [Text Block]

Statement of compliance

The financial statements have been prepared in accordance with the Indian Accounting Standards (referred to as “Ind AS”) prescribed under section 133 of the Companies Act, 2013 read with Companies (Indian Accounting Standards) Rules, as amended from time to time and other relevant provisions of the Act.

Textual information (40)

Disclosure of significant accounting policies [Text Block]

Significant accounting policies

The significant accounting policies applied by the Company in the preparation of its financial statements are listed below. Such accounting policies have been applied consistently to all the periods presented in these financial statements, unless otherwise indicated.

(a) Statement of compliance

The financial statements have been prepared in accordance with the Indian Accounting Standards (referred to as “Ind AS”) prescribed under Section 133 of the Companies Act, 2013 read with Companies (Indian Accounting Standards) Rules, as amended from time to time and other relevant provisions of the Act.

(b) Basis of preparation

The financial statements have been prepared under the historical cost convention with the exception of certain assets and liabilities that are required to be carried at fair value by Ind AS.

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date.

(c) Use of estimates and critical accounting judgements

In the preparation of financial statements, the Company makes judgements in the application of accounting policies; and estimates and assumptions which affects carrying values of assets and liabilities that are not readily apparent from other sources. The estimates and associated assumptions are based on historical experience and other factors that are considered to be relevant. Actual results may differ from these estimates.

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised and future periods affected.

Key source of estimation of uncertainty at the date of financial statements, which may cause material adjustment to the carrying amounts of assets and liabilities within the next financial year, is in respect of impairment, useful lives of property, plant and equipment, right-of-use assets and intangible assets and expected credit loss for financial instruments carried at amortised cost (detailed in note 2(n), page F34) provisions and contingent liabilities, fair value measurements of financial instruments and retirement benefit obligations as discussed below.

Impairment

The Company estimates the value in use of the cash generating unit (CGU) based on future cash flows after considering current economic conditions and trends, estimated future operating results and growth rates and anticipated future economic and regulatory conditions. The estimated cash flows are developed using internal forecasts. The cash flows are discounted using a suitable discount rate in order to calculate the present value. Further details of the Company’s impairment review and key assumptions are set out in note 3, page F41, note 4, page F46, note 5, page F48 and note 6, page F50.

Useful lives of property, plant and equipment, right-of-use assets and intangible assets

The Company reviews the useful life of property, plant and equipment and intangible assets at the end of each reporting period. This reassessment may result in change in depreciation and amortisation expense in future periods. The policy has been detailed in note 2(i), page F31.

Provisions and contingent liabilities

A provision is recognised when the Company has a present obligation as result of a past event and it is probable that the outflow of resources will be required to settle the obligation, in respect of which a reliable estimate can be made. These are reviewed at each balance sheet date and adjusted to reflect the current best estimates. Contingent liabilities are not recognised in the financial statements. Further details are set out in note 20, page F83 and note 35A, page F100.

Fair value measurements of financial instruments

When the fair value of financial assets and financial liabilities recorded in the balance sheet cannot be measured based on quoted prices in active markets, their fair value is measured using valuation techniques including Discounted Cash Flow Model. The inputs to these models are taken from observable markets where possible, but where this is not feasible, a degree of judgement is required in establishing fair value. Judgements include considerations of inputs such as liquidity risks, credit risks and volatility. Changes in assumptions about these factors could affect the reported fair value of financial instruments. Further details are set out in note 39, page F110.

Retirement benefit obligations

The Company's retirement benefit obligations are subject to number of assumptions including discount rates, inflation and salary growth. Significant assumptions are required when setting these criteria and a change in these assumptions would have a significant impact on the amount recorded in the Company's balance sheet and the statement of profit and loss. The Company sets these assumptions based on previous experience and third party actuarial advice. Further details on the Company's retirement benefit obligations, including key assumptions are set out in note 34, page F92.

(d) Property, plant and equipment

An item of property, plant and equipment is recognised as an asset if it is probable that future economic benefits associated with the item will flow to the Company and its cost can be measured reliably. This recognition principle is applied to costs incurred initially to acquire an item of property, plant and equipment and also to costs incurred subsequently to add to, replace part of, or service it. All other repair and maintenance costs, including regular servicing, are recognised in the statement of profit and loss as incurred. When a replacement occurs, the carrying value of the replaced part is de-recognised. Where an item of property, plant and equipment comprises major components having different useful lives, these components are accounted for as separate items.

Property, plant and equipment is stated at cost or deemed cost applied on transition to Ind AS, less accumulated depreciation and impairment. Cost includes all direct costs and expenditures incurred to bring the asset to its working condition and location for its intended use. Trial run expenses are capitalised. Borrowing costs incurred during the period of construction is capitalised as part of cost of qualifying asset.

The gain or loss arising on disposal of an item of property, plant and equipment is determined as the difference between sale proceeds and carrying value of such item, and is recognised in the statement of profit and loss.

(e) Exploration for and evaluation of mineral resources

Expenditures associated with search for specific mineral resources are recognised as exploration and evaluation assets. The following expenditure comprises cost of exploration and evaluation assets:

- obtaining of the rights to explore and evaluate mineral reserves and resources including costs directly related to this acquisition
- researching and analysing existing exploration data
- conducting geological studies, exploratory drilling and sampling
- examining and testing extraction and treatment methods
- compiling pre-feasibility and feasibility studies
- activities in relation to evaluating the technical feasibility and commercial viability of extracting a mineral resource

Administration and other overhead costs are charged to the cost of exploration and evaluation assets only if directly related to an exploration and evaluation project.

If a project does not prove viable, all irrecoverable exploration and evaluation expenditure associated with the project net of any related impairment allowances is written off to the statement of profit and loss.

The Company measures its exploration and evaluation assets at cost and classifies as property, plant and equipment or intangible assets according to the nature of the assets acquired and applies the classification consistently. To the extent that a tangible asset is consumed in developing an intangible asset, the amount reflecting that consumption is capitalised as a part of the cost of the intangible asset.

As the asset is not available for use, it is not depreciated. All exploration and evaluation assets are monitored for indications of impairment. An exploration and evaluation asset is no longer classified as such when the technical feasibility and commercial viability of extracting a mineral resource are demonstrable and the development of the deposit is sanctioned by the management. The carrying value of such exploration and evaluation asset is reclassified to mining assets.

(f) Development expenditure for mineral reserves

Development is the establishment of access to mineral reserves and other preparations for commercial production. Development activities often continue during production and include:

- sinking shafts and underground drifts (often called mine development)
- making permanent excavations
- developing passageways and rooms or galleries
- building roads and tunnels and
- advance removal of overburden and waste rock

Development (or construction) also includes the installation of infrastructure (e.g., roads, utilities and housing), machinery, equipment and facilities.

Development expenditure is capitalised and presented as part of mining assets. No depreciation is charged on the development expenditure before the start of commercial production.

(g) Provision for restoration and environmental costs

The Company has liabilities related to restoration of soil and other related works, which are due upon the closure of certain of its mining sites.

Such liabilities are estimated case-by-case based on available information, taking into account applicable local legal requirements. The estimation is made using existing technology, at current prices, and discounted using an appropriate discount rate where the effect of time value of money is material. Future restoration and environmental costs, discounted to net present value, are capitalised and the corresponding restoration liability is raised as soon as the obligation to incur such costs arises. Future restoration and environmental costs are capitalised in property, plant and equipment or mining assets as appropriate and are depreciated over the life of the related asset. The effect of time value of money on the restoration and environmental costs liability is recognised in the statement of profit and loss.

(h) Intangible assets

Patents, trademarks and software costs are included in the balance sheet as intangible assets when it is probable that associated future economic benefits would flow to the Company. In this case they are measured initially at purchase cost and then amortised on a straight-line basis over their estimated useful lives. All other costs on patents, trademarks and software are expensed in the statement of profit and loss as and when incurred.

Expenditure on research activities is recognised as an expense in the period in which it is incurred. Costs incurred on individual development projects are recognised as intangible assets from the date when all of the following conditions are met:

- (i) completion of the development is technically feasible.
- (ii) it is the intention to complete the intangible asset and use or sell it.
- (iii) ability to use or sell the intangible asset.
- (iv) it is clear that the intangible asset will generate probable future economic benefits.
- (v) adequate technical, financial and other resources to complete the development and to use or sell the intangible asset are available.
- (vi) it is possible to reliably measure the expenditure attributable to the intangible asset during its development.

Recognition of costs as an asset is ceased when the project is complete and available for its intended use, or if these criteria are no longer applicable.

Where development activities do not meet the conditions for recognition as an asset, any associated expenditure is treated as an expense in the period in which it is incurred.

Subsequent to initial recognition, intangible assets with definite useful lives are reported at cost or deemed cost applied on transition to Ind AS, less accumulated amortisation and accumulated impairment losses.

(i) Depreciation and amortisation of property, plant and equipment, right-of-use assets and intangible assets

Depreciation or amortisation is provided so as to write off, on a straight-line basis, the cost/deemed cost of property, plant and equipment and intangible assets, including right-of-use assets to their residual value. These charges are commenced from the dates the assets are available for their intended use and are spread over their estimated useful economic lives or, in the case of right-of-use assets, over the lease period, if shorter. The estimated useful lives of assets, residual values and depreciation method are reviewed regularly and, when necessary, revised.

Depreciation on assets under construction commences only when the assets are ready for their intended use.

The estimated useful lives for main categories of property, plant and equipment and intangible assets are:

	Estimated useful life (years)
Buildings	upto 60 years*
Roads	5 to 10 years
Plant and machinery	upto 40 years*
Railway sidings	upto 35 years*
Vehicles and aircraft	5 to 20 years
Furniture, fixtures and office equipments	3 to 10 years
Computer software	3 to 5 years
Assets covered under Electricity Act (life as prescribed under the Electricity Act)	3 to 38 years

Mining assets are amortised over the useful life of the mine or lease period whichever is lower.

Major furnace relining expenses are depreciated over a period of 10 years (average expected life).

Freehold land is not depreciated.

Assets value upto Rs. 25,000 are fully depreciated in the year of acquisition.

*For these class of assets, based on internal assessment and independent technical evaluation carried out by chartered engineers, the Company believes that the useful lives as given above best represents the period over which the Company expects to use these assets. Hence the useful lives for these assets are different from the useful lives as prescribed under Part C of Schedule II of the Companies Act, 2013.

(j) Impairment

At each balance sheet date, the Company reviews the carrying value of its property, plant and equipment and intangible assets to determine whether there is any indication that the carrying value of those assets may not be recoverable through continuing use. If any such indication exists, the recoverable amount of the asset is reviewed in order to determine the extent of impairment loss, if any. Where the asset does not generate cash flows that are independent from other assets, the Company estimates the recoverable amount of the cash generating unit to which the asset belongs.

Recoverable amount is the higher of fair value less costs to sell and value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset for which the estimates of future cash flows have not been adjusted. An impairment loss is recognised in the statement of profit and loss as and when the carrying value of an asset exceeds its recoverable amount.

Where an impairment loss subsequently reverses, the carrying value of the asset (or cash generating unit) is increased to the revised estimate of its recoverable amount so that the increased carrying value does not exceed the carrying value that would have been determined had no impairment loss been recognised for the asset (or cash generating unit) in prior years. A reversal of an impairment loss is recognised in the statement of profit and loss immediately.

(k) Leases

The Company determines whether an arrangement contains a lease by assessing whether the fulfilment of a transaction is dependent on the use of a specific asset and whether the transaction conveys the right to control the use of that asset to the Company in return for payment.

The Company as lessee

The Company accounts for each lease component within the contract as a lease separately from non-lease components of the contract and allocates the consideration in the contract to each lease component on the basis of the relative stand-alone price of the lease component and the aggregate stand-alone price of the non-lease components. The Company recognises right-of-use asset representing its right to use the underlying asset for the lease term at the lease commencement date. The cost of the right-of-use asset measured at inception comprises of the amount of initial measurement of the lease liability adjusted for any lease payments made at or before the commencement date.

Certain lease arrangements include options to extend or terminate the lease before the end of the lease term.

The right-of-use assets and lease liabilities include these options when it is reasonably certain that such options would be exercised.

The right-of-use assets are subsequently measured at cost less any accumulated depreciation, accumulated impairment losses, if any and adjusted for any re-measurement of the lease liability. The right-of-use assets are depreciated using the straight-line method from the commencement date over the shorter of lease term or useful life of right-of-use asset.

Right-of-use assets are tested for impairment whenever there is any indication that their carrying amounts may not be recoverable. Impairment loss, if any, is recognised in the statement of profit and loss.

Lease liability is measured at the present value of the lease payments that are not paid at the commencement date of the lease. The lease payments are discounted using the interest rate implicit in the lease, if that rate can be readily determined. If that rate cannot be readily determined, the Company uses incremental borrowing rate. The lease liability is subsequently remeasured by increasing the carrying amount to reflect interest on

the lease liability, reducing the carrying amount to reflect the lease payments made and remeasuring the carrying amount to reflect any

reassessment or lease modifications. The Company recognises the amount of the re-measurement of lease liability as an adjustment to the right-of-use asset. Where the carrying amount of the right-of-use asset is reduced to zero and there is a further reduction in the measurement of the lease liability, the Company recognises any remaining amount of the re-measurement in statement of profit and loss.

Variable lease payments not included in the measurement of the lease liabilities are expensed to the statement of profit and loss in the period in which the events or conditions which trigger those payments occur.

Payment made towards leases for which non-cancellable term is 12 months or lesser (short-term leases) and low value leases are recognised in the statement of Profit and Loss as rental expenses over the tenor of such leases.

In a sale and lease back transaction, the Company measures right-of-use asset arising from the leaseback as the proportion of the previous carrying amount of the asset that relates to the right-of-use retained. The gain or loss that the company recognises in the statement of profit and loss is limited to the proportion of the total gain or loss that relates to the rights transferred to the buyer.

The Company as lessor

(i) Operating lease – Rental income from operating leases is recognised in the statement of profit and loss on a straight- line basis over the term of the relevant lease unless another systematic basis is more representative of the time pattern in which economic benefits from the leased asset is diminished. Initial direct costs incurred in negotiating and arranging an operating lease are added to the carrying value of the leased asset and recognised on a straight-line basis over the lease term.

(ii) Finance lease – When assets are leased out under a finance lease, the present value of minimum lease payments is recognised as a receivable. The difference between the gross receivable and the present value of receivable is recognised as unearned finance income. Lease income is recognised over the term of the lease using the net investment method before tax, which reflects a constant periodic rate of return.

(l) Stripping costs

The Company separates two different types of stripping costs that are incurred in surface mining activity:

- developmental stripping costs and
- production stripping costs

Developmental stripping costs which are incurred in order to obtain access to quantities of mineral reserves that will be mined in future periods are capitalised as part of mining assets. Capitalisation of developmental stripping costs ends when the commercial production of the mineral reserves begins.

A mine can operate several open pits that are regarded as separate operations for the purpose of mine planning and production. In this case, stripping costs are accounted for separately, by reference to the ore extracted from each separate pit. If, however, the pits are highly integrated for the purpose of mine planning and production, stripping costs are aggregated too.

The determination of whether multiple pit mines are considered separate or integrated operations depends on each mine's specific circumstances. The following factors normally point towards the stripping costs for the individual pits being accounted for separately:

- mining of the second and subsequent pits is conducted consecutively with that of the first pit, rather than concurrently
- separate investment decisions are made to develop each pit, rather than a single investment decision being made at the outset
- the pits are operated as separate units in terms of mine planning and the sequencing of overburden and ore mining, rather than as an integrated unit
- expenditures for additional infrastructure to support the second and subsequent pits are relatively large

- the pits extract ore from separate and distinct ore bodies, rather than from a single ore body.

The relative importance of each factor is considered by the management to determine whether, the stripping costs should be attributed to the individual pit or to the combined output from the several pits.

Production stripping costs are incurred to extract the ore in the form of inventories and/or to improve access to an additional component of an ore body or deeper levels of material. Production stripping costs are accounted for as inventories to the extent the benefit from production stripping activity is realised in the form of inventories.

The Company recognises a stripping activity asset in the production phase if, and only if, all of the following are met:

- it is probable that the future economic benefit (improved access to the ore body) associated with the stripping activity will flow to the Company
- the Company can identify the component of the ore body for which access has been improved and
- the costs relating to the improved access to that component can be measured reliably.

Such costs are presented within mining assets. After initial recognition, stripping activity assets are carried at cost/deemed cost less accumulated amortisation and impairment. The expected useful life of the identified component of the ore body is used to depreciate or amortise the stripping asset.

(m) Investments in subsidiaries, associates and joint ventures

Investments in subsidiaries, associates and joint ventures are carried at cost/deemed cost applied on transition to Ind AS, less accumulated impairment losses, if any. Where an indication of impairment exists, the carrying amount of investment is assessed and an impairment provision is recognised, if required immediately to its recoverable amount. On disposal of such investments, difference between the net disposal proceeds and carrying amount is recognised in the statement of profit and loss.

(n) Financial instruments

Financial assets and financial liabilities are recognised when the Company becomes a party to the contractual provisions of the instrument. Financial assets and liabilities are initially measured at fair value. Transaction costs that are directly attributable to the acquisition or issue of financial assets and financial liabilities (other than financial assets and financial liabilities at fair value through profit and loss) are added to or deducted from the fair value measured on initial recognition of financial asset or financial liability. The transaction costs directly attributable to the acquisition of financial assets and financial liabilities at fair value through profit and loss are immediately recognised in the statement of profit and loss. Trade Receivables that do not contain a significant financing component are measured at transaction price.

Effective interest method

The effective interest method is a method of calculating the amortised cost of a financial instrument and of allocating interest income or expense over the relevant period. The effective interest rate is the rate that exactly discounts future cash receipts or payments through the expected life of the financial instrument, or where appropriate, a shorter period.

(I) Financial assets

Cash and bank balances

Cash and bank balances consist of:

- (i) Cash and cash equivalents - which includes cash on hand, deposits held at call with banks and other short-term deposits which are readily convertible into known amounts of cash, are subject to an insignificant risk of change in value and have original maturities of less than three months. These balances with banks are unrestricted for withdrawal and usage.

(ii) Other bank balances - which includes balances and deposits with banks that are restricted for withdrawal and usage.

Financial assets at amortised cost

Financial assets are subsequently measured at amortised cost if these financial assets are held within a business model whose objective is to hold these assets in order to collect contractual cash flows and the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

Financial assets measured at fair value

Financial assets are measured at fair value through other comprehensive income if such financial assets are held within a business model whose objective is to hold these assets in order to collect contractual cash flows and to sell such financial assets and the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

The Company in respect of certain equity investments (other than in subsidiaries, associates and joint ventures) which are not held for trading has made an irrevocable election to present in other comprehensive income subsequent changes in the fair value of such equity instruments. Such an election is made by the Company on an instrument by instrument basis at the time of initial recognition of such equity investments. These investments are held for medium or long-term strategic purpose. The Company has chosen to designate these investments in equity instruments as fair value through other comprehensive income as the management believes this provides a more meaningful presentation for medium or long-term strategic investments, than reflecting changes in fair value immediately in the statement of profit and loss.

Financial assets not measured at amortised cost or at fair value through other comprehensive income are carried at fair value through profit and loss.

Interest income

Interest income is accrued on a time proportion basis, by reference to the principal outstanding and effective interest rate applicable.

Dividend income

Dividend income from investments is recognised when the right to receive payment has been established.

Impairment of financial assets

Loss allowance for expected credit losses is recognised for financial assets measured at amortised cost and fair value through other comprehensive income.

The Company recognises life time expected credit losses for all trade receivables that do not constitute a financing transaction.

For financial assets (apart from trade receivables that do not constitute of financing transaction) whose credit risk has not significantly increased since initial recognition, loss allowance equal to twelve months expected credit losses is recognised. Loss allowance equal to the lifetime expected credit losses is recognised if the credit risk of the financial asset has significantly increased since initial recognition.

De-recognition of financial assets

The Company de-recognises a financial asset only when the contractual rights to the cash flows from the asset expire, or it transfers the financial asset and substantially all risks and rewards of ownership of the asset to another entity.

If the Company neither transfers nor retains substantially all the risks and rewards of ownership and continues to control the transferred asset, the Company recognises its retained interest in the assets and an associated liability for amounts it may have to pay.

If the Company retains substantially all the risks and rewards of ownership of a transferred financial asset, the Company continues to recognise the financial asset and also recognises a borrowing for the proceeds received.

(II) Financial liabilities and equity instruments

Classification as debt or equity

Financial liabilities and equity instruments issued by the Company are classified according to the substance of the contractual arrangements entered into and the definitions of a financial liability and an equity instrument.

Equity instruments

An equity instrument is any contract that evidences a residual interest in the assets of the Company after deducting all of its liabilities. Equity instruments are recorded at the proceeds received, net of direct issue costs.

Financial liabilities

Trade and other payables are initially measured at fair value, net of transaction costs, and are subsequently measured at amortised cost, using the effective interest rate method where the time value of money is significant.

Interest bearing bank loans, overdrafts and issued debt are initially measured at fair value and are subsequently measured at amortised cost using the effective interest rate method. Any difference between the proceeds (net of transaction costs) and the settlement or redemption of borrowings is recognised over the term of the borrowings in the statement of profit and loss.

De-recognition of financial liabilities

The Company de-recognises financial liabilities when, and only when, the Company's obligations are discharged, cancelled or they expire.

Derivative financial instruments and hedge accounting

In the ordinary course of business, the Company uses certain derivative financial instruments to reduce business risks which arise from its exposure to foreign exchange and interest rate fluctuations. The instruments are confined principally to forward foreign exchange contracts, cross currency swaps, interest rate swaps and collars. The instruments are employed as hedges of transactions included in the financial statements or for highly probable forecast transactions/firm contractual commitments. These derivatives contracts do not generally extend beyond six months, except for certain currency swaps and interest rate derivatives.

Derivatives are initially accounted for and measured at fair value on the date the derivative contract is entered into and are subsequently remeasured to their fair value at the end of each reporting period.

The Company adopts hedge accounting for forward foreign exchange and interest rate contracts wherever possible. At inception of each hedge, there is a formal, documented designation of the hedging relationship. This documentation includes, inter alia, items such as identification of the hedged item and transaction and nature of the risk being hedged. At inception, each hedge is expected to be highly effective in achieving an offset of changes in fair value or cash flows attributable to the hedged risk. The effectiveness of hedge instruments to reduce the risk associated with the exposure being hedged is assessed and measured at the inception and on an ongoing basis. The ineffective portion of designated hedges is recognised immediately in the statement of profit and loss.

When hedge accounting is applied:

- for fair value hedges of recognised assets and liabilities, changes in fair value of the hedged assets and liabilities attributable to the risk being hedged, are recognised in the statement of profit and loss and compensate for the effective portion of symmetrical changes in the fair value of the derivatives.
- for cash flow hedges, the effective portion of the change in the fair value of the derivative is recognised directly in other comprehensive income and the ineffective portion is recognised in the statement of profit and loss. If the cash flow hedge of a firm commitment or forecasted transaction results in the recognition of a non-financial asset or liability, then, at the time the asset or liability is recognised, the associated gains or losses on

the derivative that had previously been recognised in equity are included in the initial measurement of the asset or liability. For hedges that do not result in the recognition of a non-financial asset or a liability, amounts deferred in equity are recognised in the statement of profit and loss in the same period in which the hedged item affects the statement of profit and loss.

In cases where hedge accounting is not applied, changes in the fair value of derivatives are recognised in the statement of profit and loss as and when they arise.

Hedge accounting is discontinued when the hedging instrument expires or is sold, terminated, or exercised, or no longer qualifies for hedge accounting. At that time, any cumulative gain or loss on the hedging instrument recognised in equity is retained in equity until the forecasted transaction occurs. If a hedged transaction is no longer expected to occur, the net cumulative gain or loss recognised in equity is transferred to the statement of profit and loss for the period.

(o) Employee benefits

Defined contribution plans

Contributions under defined contribution plans are recognised as expense for the period in which the employee has rendered service. Payments made to state managed retirement benefit schemes are dealt with as payments to defined contribution schemes where the Company's obligations under the schemes are equivalent to those arising in a defined contribution retirement benefit scheme.

Defined benefit plans

For defined benefit retirement schemes, the cost of providing benefits is determined using the Projected Unit Credit Method, with actuarial valuation being carried out at each year-end balance sheet date. Remeasurement gains and losses of the net defined benefit liability/(asset) are recognised immediately in other comprehensive income. The service cost and net interest on the net defined benefit liability/(asset) are recognised as an expense within employee costs.

Past service cost is recognised as an expense when the plan amendment or curtailment occurs or when any related restructuring costs or termination benefits are recognised, whichever is earlier.

The retirement benefit obligations recognised in the balance sheet represents the present value of the defined benefit obligations as reduced by the fair value of plan assets.

Compensated absences

Liabilities recognised in respect of other long-term employee benefits such as annual leave and sick leave are measured at the present value of the estimated future cash outflows expected to be made by the Company in respect of services provided by employees up to the reporting date using the projected unit credit method with actuarial valuation being carried out at each year-end balance sheet date. Actuarial gains and losses arising from experience adjustments and changes in actuarial assumptions are charged or credited to the statement of profit and loss in the period in which they arise.

Compensated absences which are not expected to occur within twelve months after the end of the period in which the employee renders the related service are recognised based on actuarial valuation.

(p) Inventories

Inventories are stated at the lower of cost and net realisable value. Cost is ascertained on a weighted average basis.

Costs comprise direct materials and, where applicable, direct labour costs and those overheads that have been incurred in bringing the inventories to their present location and condition. Net realisable value is the price at which the inventories can be realised in the normal course of business after allowing for the cost of conversion from their existing state to a finished condition and for the cost of marketing, selling and distribution.

Provisions are made to cover slow-moving and obsolete items based on historical experience of utilisation on a product category basis, which involves individual businesses considering their product lines and market conditions.

(q) Provisions

Provisions are recognised in the balance sheet when the Company has a present obligation (legal or constructive) as a result of a past event, which is expected to result in an outflow of resources embodying economic benefits which can be reliably estimated. Each provision is based on the best estimate of the expenditure required to settle the present obligation at the balance sheet date. Where the time value of money is material, provisions are measured on a discounted basis.

Constructive obligation is an obligation that derives from an entity's actions where:

(i) by an established pattern of past practice, published policies or a sufficiently specific current statement, the entity has indicated to other parties that it will accept certain responsibilities and;

(ii) as a result, the entity has created a valid expectation on the part of those other parties that it will discharge such responsibilities.

(r) Onerous contracts

A provision for onerous contracts is recognised when the expected benefits to be derived by the Company from a contract are lower than the unavoidable cost of meeting its obligations under the contract. The provision is measured at the present value of the lower of the expected cost of terminating the contract and the expected net cost of continuing with the contract. Before a provision is established, the Company recognises any impairment loss on the assets associated with that contract.

(s) Government grants

Government grants are recognised at its fair value, where there is a reasonable assurance that such grants will be received and compliance with the conditions attached therewith have been met.

Government grants related to expenditure on property, plant and equipment are credited to the statement of profit and loss over the useful lives of qualifying assets or other systematic basis representative of the pattern of fulfilment of obligations associated with the grant received. Grants received less amounts credited to the statement of profit and loss at the reporting date are included in the balance sheet as deferred income.

(t) Business combination under common control

Business combinations involving entities or businesses under common control are accounted for using the pooling of interest method. Under pooling of interest method, the assets and liabilities of the combining entities or businesses are reflected at their carrying amounts after making adjustments necessary to harmonise the accounting policies. The financial information in the financial statements in respect of prior periods is restated as if the business combination had occurred from the beginning of the preceding period in the financial statements, irrespective of the actual date of the combination. The identity of the reserves is preserved in the same form in which they appeared in the financial statements of the transferor and the difference, if any, between the amount recorded as share capital issued plus any additional consideration in the form of cash or other assets and the amount of share capital of the transferor is transferred to capital reserve.

(u) Non-current assets held for sale and discontinued operations

Non-current assets and disposal groups classified as held for sale are measured at the lower of their carrying value and fair value less costs to sell.

Assets and disposal groups are classified as held for sale if their carrying value will be recovered through a sale transaction rather than through continuing use. This condition is only met when the sale is highly probable and the asset, or disposal group, is available for immediate sale in its present condition and is marketed for sale at a price that is reasonable in relation to its current fair value. The Company must also be committed to the sale, which should be expected to qualify for recognition as a completed sale within one year from the date of classification.

Where a disposal group represents a separate major line of business or geographical area of operations, or is part of a single co-ordinated plan to dispose of a separate major line of business or geographical area of operations, then it is treated as a discontinued operation. The post-tax profit or loss of the discontinued operation together with the gain or loss recognised on its disposal are disclosed as a single amount in the statement of profit and loss, with all prior periods being presented on this basis.

(v) Income Taxes

Tax expense for the year comprises of current and deferred tax. The tax currently payable is based on taxable profit for the year. Taxable profit differs from net profit as reported in the statement of profit and loss because it excludes items of income or expense that are taxable or deductible in other years and it further excludes items that are never taxable or deductible. The Company's liability for current tax is calculated using tax rates and tax laws that have been enacted or substantively enacted by the end of the reporting period.

Deferred tax is the tax expected to be payable or recoverable on differences between the carrying value of assets and liabilities in the financial statements and the corresponding tax bases used in the computation of taxable profit and is accounted for using the balance sheet liability method. Deferred tax liabilities are generally recognised for all taxable temporary differences. In contrast, deferred tax assets are only recognised to the extent that it is probable that future taxable profits will be available against which the temporary differences can be utilised.

The carrying value of deferred tax assets is reviewed at the end of each reporting period and reduced to the extent that it is no longer probable that sufficient taxable profits will be available to allow all or part of the asset to be recovered.

Deferred tax is calculated at the tax rates that are expected to apply in the period when the liability is settled or the asset is realised based on the tax rates and tax laws that have been enacted or substantially enacted by the end of the reporting period. The measurement of deferred tax liabilities and assets reflects the tax consequences that would follow from the manner in which the Company expects, at the end of the reporting period, to recover or settle the carrying value of its assets and liabilities.

Deferred tax assets and liabilities are offset to the extent that they relate to taxes levied by the same tax authority and there are legally enforceable rights to set off current tax assets and current tax liabilities within that jurisdiction.

Current and deferred tax are recognised as an expense or income in the statement of profit and loss, except when they relate to items credited or debited either in other comprehensive income or directly in equity, in which case the tax is also recognised in other comprehensive income or directly in equity.

(w) Revenue

The Company manufactures and sells a range of steel and other products.

Sale of products

Revenue from sale of products is recognised when control of the products has transferred, being when the products are delivered to the customer. Delivery occurs when the products have been shipped or delivered to the specific location as the case may be, the risks of loss has been transferred, and either the customer has accepted the products in accordance with the sales contract, or the Company has objective evidence that all criteria for acceptance have been satisfied. Sale of products include related ancillary services, if any.

Goods are often sold with volume and price discounts based on aggregate sales over a 12 months period. Revenue from these sales is recognised based on the price specified in the contract, net of the estimated volume and price discounts. Accumulated experience is used to estimate and provide for the discounts, using the most likely method, and revenue is only recognised to the extent that it is highly probable that a significant reversal will not occur. A liability is recognised for expected volume discounts payable to customers in relation to sales made until the end of the reporting period. No element of financing is deemed present as the sales are generally made with a credit term of 30-90 days, which is consistent with market practice. Any obligation to provide a refund is recognised as a provision. A receivable is recognised when the goods are delivered as this is the point in time that the consideration is unconditional because only the passage of time is required before the payment is due.

Sale of power

Revenue from sale of power is recognised when the services are provided to the customer based on approved tariff rates established by the respective regulatory authorities. The Company doesn't recognise revenue and an asset for cost incurred in the past that will be recovered.

(x) Foreign currency transactions and translations

The financial statements of the Company are presented in Indian Rupees ("Rs."), which is the functional currency of the Company and the presentation currency for the financial statements.

In preparing the financial statements, transactions in currencies other than the Company's functional currency are recorded at the rates of exchange prevailing on the date of the transaction. At the end of each reporting period, monetary items denominated in foreign currencies are re-translated at the rates prevailing at the end of the reporting period. Non-monetary items carried at fair value that are denominated in foreign currencies are re-translated at the rates prevailing on the date when the fair value was determined. Non-monetary items that are measured in terms of historical cost in a foreign currency are not translated.

Exchange differences arising on the re-translation or settlement of monetary items are included in the statement of profit and loss for the period.

(y) Borrowing costs

Borrowings costs directly attributable to the acquisition, construction or production of qualifying assets, which are assets that necessarily take a substantial period of time to get ready for their intended use or sale, are added to the cost of those assets, until such time as the assets are substantially ready for the intended use or sale.

Investment income earned on temporary investment of specific borrowings pending their expenditure on qualifying assets is recognised in the statement of profit and loss.

Discounts or premiums and expenses on the issue of debt securities are amortised over the term of the related securities and included within borrowing costs. Premiums payable on early redemptions of debt securities, in lieu of future finance costs, are recognised as borrowing costs.

All other borrowing costs are recognised as expenses in the period in which it is incurred.

(z) Earnings per share

Basic earnings per share is computed by dividing profit or loss for the year attributable to equity holders by the weighted average number of shares outstanding during the year. Partly paid-up shares are included as fully paid equivalents according to the fraction paid-up.

Diluted earnings per share is computed using the weighted average number of shares and dilutive potential shares except where the result would be anti-dilutive.

(aa) Recent Accounting Pronouncements

Ministry of Corporate Affairs ("MCA") has notified the following new amendments to Ind AS which the Company has not applied as they are effective for annual periods beginning on or after April 1, 2023.

Amendment to Ind AS 1 "Presentation of Financial Instruments"

The amendments require companies to disclose their material accounting policies rather than their significant accounting policies. Accounting policy information is material if, together with other information can reasonably be expected to influence decisions of primary users of general purpose financial statements. The Company does not expect this amendment to have any significant impact in its financial statements.

Amendment to Ind AS 12 "Income Taxes"

The amendments clarify how companies account for deferred tax on transactions such as leases and decommissioning obligations. The amendments narrowed the scope of the recognition exemption in paragraphs 15 and 24 of Ind AS 12 (recognition exemption) so that it no longer applies to transactions that, on initial recognition, give rise to equal taxable and deductible temporary differences. The Company is evaluating the impact, if any, in its financial statements.

Amendment to Ind AS 8 "Accounting Policies, Changes in Accounting Estimates and Errors"

The amendments will help entities to distinguish between accounting policies and accounting estimates. The definition of a change in accounting estimates has been replaced with a definition of accounting estimates. Under the new definition, accounting estimates are "monetary amounts in financial statements that are subject to measurement uncertainty". Entities use measurement techniques and inputs to develop accounting

estimates if accounting policies require items in financial statements to be measured in a way that involves measurement uncertainty. The Company does not expect this amendment to have any significant impact in its financial statements.

[610300] Notes - Accounting policies, changes in accounting estimates and errors

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of changes in accounting policies, accounting estimates and errors [TextBlock]		
Disclosure of initial application of standards or interpretations [TextBlock]		
Whether initial application of an Ind AS has an effect on the current period or any prior period	No	No
Disclosure of voluntary change in accounting policy [TextBlock]		
Whether there is any voluntary change in accounting policy	No	No
Disclosure of changes in accounting estimates [TextBlock]		
Whether there are changes in accounting estimates during the year	No	No

[400600] Notes - Property, plant and equipment**Disclosure of detailed information about property, plant and equipment [Table]**

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Property, plant and equipment [Member]			
Sub classes of property, plant and equipment [Axis]	Owned and leased assets [Member]			
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Carrying amount [Member]			Gross carrying amount [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment	2,224.04	2,638.27		2,224.04
Acquisitions through business combinations, property, plant and equipment	156.49	0		156.49
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss	-5,346.16	-5,369.86		
Total Depreciation property plant and equipment	-5,346.16	-5,369.86		
Impairment loss recognised in profit or loss, property, plant and equipment	0	47.91		
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment	0	-41.58		0
Total increase (decrease) through transfers and other changes, property, plant and equipment	0	-41.58		0
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment	96.35	77.89		266.08
Total disposals and retirements, property, plant and equipment	96.35	77.89		266.08
Total increase (decrease) in property, plant and equipment	-3,061.98	-2,803.15		2,114.45
Property, plant and equipment at end of period	(A) 90,422.42	(B) 93,484.4	96,287.55	1,27,865.95

Footnotes

(A)

Particulars	2022-23
Property, plant and equipment	84,942.31
Right-of-use assets	5,480.11
Total	90,422.42

(B)

Particulars	2021-22
Property, plant and equipment	87,946.22
Right-of-use assets	5,538.18
Total	93,484.40

Disclosure of detailed information about property, plant and equipment [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Property, plant and equipment [Member]			
Sub classes of property, plant and equipment [Axis]	Owned and leased assets [Member]			
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Gross carrying amount [Member]		Accumulated depreciation and impairment [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment	2,638.27			
Acquisitions through business combinations, property, plant and equipment	0			
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss			5,346.16	5,369.86
Total Depreciation property plant and equipment			5,346.16	5,369.86
Impairment loss recognised in profit or loss, property, plant and equipment			0	-47.91
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment	17.56		0	59.14
Total increase (decrease) through transfers and other changes, property, plant and equipment	17.56		0	59.14
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment	292.71		169.73	214.82
Total disposals and retirements, property, plant and equipment	292.71		169.73	214.82
Total increase (decrease) in property, plant and equipment	2,363.12		5,176.43	5,166.27
Property, plant and equipment at end of period	1,25,751.5	1,23,388.38	37,443.53	32,267.1

Disclosure of detailed information about property, plant and equipment [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Property, plant and equipment [Member]			
Sub classes of property, plant and equipment [Axis]	Owned and leased assets [Member]	Assets given under operating lease [Member]		
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Accumulated depreciation and impairment [Member]	Carrying amount [Member]		
	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment		437.05	192.51	
Acquisitions through business combinations, property, plant and equipment		17.94	0	
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss		-511.09	-506.6	
Total Depreciation property plant and equipment		-511.09	-506.6	
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment		0	-25.07	
Total increase (decrease) through transfers and other changes, property, plant and equipment		0	-25.07	
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment		1.97	5.62	
Total disposals and retirements, property, plant and equipment		1.97	5.62	
Total increase (decrease) in property, plant and equipment		-58.07	-344.78	
Property, plant and equipment at end of period	27,100.83	5,480.11	5,538.18	5,882.96

Disclosure of detailed information about property, plant and equipment [Table]

..(4)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Property, plant and equipment [Member]			
Sub classes of property, plant and equipment [Axis]	Assets given under operating lease [Member]			
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Gross carrying amount [Member]			Accumulated depreciation and impairment [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment	437.05	192.51		
Acquisitions through business combinations, property, plant and equipment	17.94	0		
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss				511.09
Total Depreciation property plant and equipment				511.09
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment	0	-16.26		0
Total increase (decrease) through transfers and other changes, property, plant and equipment	0	-16.26		0
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment	102.25	94.61		100.28
Total disposals and retirements, property, plant and equipment	102.25	94.61		100.28
Total increase (decrease) in property, plant and equipment	352.74	81.64		410.81
Property, plant and equipment at end of period	9,134.04	8,781.3	8,699.66	3,653.93

Disclosure of detailed information about property, plant and equipment [Table]

..(5)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Property, plant and equipment [Member]			
Sub classes of property, plant and equipment [Axis]	Assets given under operating lease [Member]		Owned assets [Member]	
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Accumulated depreciation and impairment [Member]		Carrying amount [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment			1,786.99	2,445.76
Acquisitions through business combinations, property, plant and equipment			138.55	0
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss	506.6		-4,835.07	-4,863.26
Total Depreciation property plant and equipment	506.6		-4,835.07	-4,863.26
Impairment loss recognised in profit or loss, property, plant and equipment			0	47.91
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment	8.81		0	-16.51
Total increase (decrease) through transfers and other changes, property, plant and equipment	8.81		0	-16.51
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment	88.99		94.38	72.27
Total disposals and retirements, property, plant and equipment	88.99		94.38	72.27
Total increase (decrease) in property, plant and equipment	426.42		-3,003.91	-2,458.37
Property, plant and equipment at end of period	3,243.12	2,816.7	84,942.31	87,946.22

Disclosure of detailed information about property, plant and equipment [Table]

..(6)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Property, plant and equipment [Member]			
Sub classes of property, plant and equipment [Axis]	Owned assets [Member]			
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Carrying amount [Member]	Gross carrying amount [Member]		
	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment		1,786.99	2,445.76	
Acquisitions through business combinations, property, plant and equipment		138.55	0	
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment		0	33.82	
Total increase (decrease) through transfers and other changes, property, plant and equipment		0	33.82	
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment		163.83	198.1	
Total disposals and retirements, property, plant and equipment		163.83	198.1	
Total increase (decrease) in property, plant and equipment		1,761.71	2,281.48	
Property, plant and equipment at end of period	90,404.59	1,18,731.91	1,16,970.2	1,14,688.72

Disclosure of detailed information about property, plant and equipment [Table]

..(7)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Property, plant and equipment [Member]			Land [Member]
Sub classes of property, plant and equipment [Axis]	Owned assets [Member]			Assets given under operating lease [Member]
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Accumulated depreciation and impairment [Member]			Carrying amount [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment				0
Acquisitions through business combinations, property, plant and equipment				17.94
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss	4,835.07	4,863.26		-34.03
Total Depreciation property plant and equipment	4,835.07	4,863.26		-34.03
Impairment loss recognised in profit or loss, property, plant and equipment	0	-47.91		
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment	0	50.33		0
Total increase (decrease) through transfers and other changes, property, plant and equipment	0	50.33		0
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment	69.45	125.83		0
Total disposals and retirements, property, plant and equipment	69.45	125.83		0
Total increase (decrease) in property, plant and equipment	4,765.62	4,739.85		-16.09
Property, plant and equipment at end of period	33,789.6	29,023.98	24,284.13	1,681.47

Disclosure of detailed information about property, plant and equipment [Table]

..(8)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Land [Member]			
Sub classes of property, plant and equipment [Axis]	Assets given under operating lease [Member]			
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Carrying amount [Member]		Gross carrying amount [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment	4.7		0	4.7
Acquisitions through business combinations, property, plant and equipment	0		17.94	0
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss	-33.75			
Total Depreciation property plant and equipment	-33.75			
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment	-25.92		0	-17.11
Total increase (decrease) through transfers and other changes, property, plant and equipment	-25.92		0	-17.11
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment	0.15		0	1.08
Total disposals and retirements, property, plant and equipment	0.15		0	1.08
Total increase (decrease) in property, plant and equipment	-55.12		17.94	-13.49
Property, plant and equipment at end of period	1,697.56	1,752.68	1,924.91	1,906.97

Disclosure of detailed information about property, plant and equipment [Table]

..(9)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Land [Member]			
Sub classes of property, plant and equipment [Axis]	Assets given under operating lease [Member]			
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Gross carrying amount [Member]	Accumulated depreciation and impairment [Member]		
	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss		34.03	33.75	
Total Depreciation property plant and equipment		34.03	33.75	
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment		0	8.81	
Total increase (decrease) through transfers and other changes, property, plant and equipment		0	8.81	
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment		0	0.93	
Total disposals and retirements, property, plant and equipment		0	0.93	
Total increase (decrease) in property, plant and equipment		34.03	41.63	
Property, plant and equipment at end of period	1,920.46	243.44	209.41	167.78

Disclosure of detailed information about property, plant and equipment [Table]

..(10)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Land [Member]			
Sub classes of property, plant and equipment [Axis]	Owned assets [Member]			
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Carrying amount [Member]			Gross carrying amount [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment	28.39	59.37		28.39
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss	-53.34	-50.87		
Total Depreciation property plant and equipment	-53.34	-50.87		
Impairment loss recognised in profit or loss, property, plant and equipment	0	0.15		
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment	0	193.34		0
Total increase (decrease) through transfers and other changes, property, plant and equipment	0	193.34		0
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment	38.62	19.16		38.62
Total disposals and retirements, property, plant and equipment	38.62	19.16		38.62
Total increase (decrease) in property, plant and equipment	-63.57	182.83		-10.23
Property, plant and equipment at end of period	13,979.83	14,043.4	13,860.57	14,940.07

Disclosure of detailed information about property, plant and equipment [Table]

..(11)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Land [Member]			
Sub classes of property, plant and equipment [Axis]	Owned assets [Member]			
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Gross carrying amount [Member]		Accumulated depreciation and impairment [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment	59.37			
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss			53.34	50.87
Total Depreciation property plant and equipment			53.34	50.87
Impairment loss recognised in profit or loss, property, plant and equipment			0	-0.15
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment	222.38		0	29.04
Total increase (decrease) through transfers and other changes, property, plant and equipment	222.38		0	29.04
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment	19.16		0	0
Total disposals and retirements, property, plant and equipment	19.16		0	0
Total increase (decrease) in property, plant and equipment	262.59		53.34	79.76
Property, plant and equipment at end of period	14,950.3	14,687.71	960.24	906.9

Disclosure of detailed information about property, plant and equipment [Table]

..(12)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Land [Member]	Buildings [Member]		
Sub classes of property, plant and equipment [Axis]	Owned assets [Member]	Assets given under operating lease [Member]		
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Accumulated depreciation and impairment [Member]	Carrying amount [Member]		
	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment		52.55	66.16	
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss		-32.67	-40.66	
Total Depreciation property plant and equipment		-32.67	-40.66	
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment		0	0.85	
Total increase (decrease) through transfers and other changes, property, plant and equipment		0	0.85	
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment		0.23	4.41	
Total disposals and retirements, property, plant and equipment		0.23	4.41	
Total increase (decrease) in property, plant and equipment		19.65	21.94	
Property, plant and equipment at end of period	827.14	82.95	63.3	41.36

Disclosure of detailed information about property, plant and equipment [Table]

..(13)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Buildings [Member]			
Sub classes of property, plant and equipment [Axis]	Assets given under operating lease [Member]			
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Gross carrying amount [Member]			Accumulated depreciation and impairment [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment	52.55	66.16		
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss				32.67
Total Depreciation property plant and equipment				32.67
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment	0	0.85		0
Total increase (decrease) through transfers and other changes, property, plant and equipment	0	0.85		0
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment	19.77	40.63		19.54
Total disposals and retirements, property, plant and equipment	19.77	40.63		19.54
Total increase (decrease) in property, plant and equipment	32.78	26.38		13.13
Property, plant and equipment at end of period	157.47	124.69	98.31	74.52

Disclosure of detailed information about property, plant and equipment [Table]

..(14)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Buildings [Member]			
Sub classes of property, plant and equipment [Axis]	Assets given under operating lease [Member]		Owned assets [Member]	
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Accumulated depreciation and impairment [Member]		Carrying amount [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment			324.33	600.28
Acquisitions through business combinations, property, plant and equipment			20.98	0
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss	40.66		-551.55	-550.02
Total Depreciation property plant and equipment	40.66		-551.55	-550.02
Impairment loss recognised in profit or loss, property, plant and equipment			0	0.11
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment	0		0	-168.28
Total increase (decrease) through transfers and other changes, property, plant and equipment	0		0	-168.28
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment	36.22		10.63	12.03
Total disposals and retirements, property, plant and equipment	36.22		10.63	12.03
Total increase (decrease) in property, plant and equipment	4.44		-216.87	-129.94
Property, plant and equipment at end of period	61.39	56.95	13,504.19	13,721.06

Disclosure of detailed information about property, plant and equipment [Table]

..(15)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Buildings [Member]			
Sub classes of property, plant and equipment [Axis]	Owned assets [Member]			
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Carrying amount [Member]	Gross carrying amount [Member]		
	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment		324.33	600.28	
Acquisitions through business combinations, property, plant and equipment		20.98	0	
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment		0	-197.31	
Total increase (decrease) through transfers and other changes, property, plant and equipment		0	-197.31	
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment		13.5	20.74	
Total disposals and retirements, property, plant and equipment		13.5	20.74	
Total increase (decrease) in property, plant and equipment		331.81	382.23	
Property, plant and equipment at end of period	13,851	16,777.39	16,445.58	16,063.35

Disclosure of detailed information about property, plant and equipment [Table]

..(16)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Buildings [Member]			Plant and equipment [Member]
Sub classes of property, plant and equipment [Axis]	Owned assets [Member]			Assets given under operating lease [Member]
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Accumulated depreciation and impairment [Member]			Carrying amount [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment				340.53
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss	551.55	550.02		-431.92
Total Depreciation property plant and equipment	551.55	550.02		-431.92
Impairment loss recognised in profit or loss, property, plant and equipment	0	-0.11		
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment	0	-29.03		0
Total increase (decrease) through transfers and other changes, property, plant and equipment	0	-29.03		0
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment	2.87	8.71		0
Total disposals and retirements, property, plant and equipment	2.87	8.71		0
Total increase (decrease) in property, plant and equipment	548.68	512.17		-91.39
Property, plant and equipment at end of period	3,273.2	2,724.52	2,212.35	3,654.43

Disclosure of detailed information about property, plant and equipment [Table]

..(17)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Plant and equipment [Member]			
Sub classes of property, plant and equipment [Axis]	Assets given under operating lease [Member]			
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Carrying amount [Member]		Gross carrying amount [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment	100.11		340.53	100.11
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss	-423.37			
Total Depreciation property plant and equipment	-423.37			
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment	0		0	0
Total increase (decrease) through transfers and other changes, property, plant and equipment	0		0	0
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment	0		74.54	39.49
Total disposals and retirements, property, plant and equipment	0		74.54	39.49
Total increase (decrease) in property, plant and equipment	-323.26		265.99	60.62
Property, plant and equipment at end of period	3,745.82	4,069.08	6,969.87	6,703.88

Disclosure of detailed information about property, plant and equipment [Table]

..(18)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Plant and equipment [Member]			
Sub classes of property, plant and equipment [Axis]	Assets given under operating lease [Member]			
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Gross carrying amount [Member]	Accumulated depreciation and impairment [Member]		
	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss		431.92	423.37	
Total Depreciation property plant and equipment		431.92	423.37	
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment		0	0	
Total increase (decrease) through transfers and other changes, property, plant and equipment		0	0	
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment		74.54	39.49	
Total disposals and retirements, property, plant and equipment		74.54	39.49	
Total increase (decrease) in property, plant and equipment		357.38	383.88	
Property, plant and equipment at end of period	6,643.26	3,315.44	2,958.06	2,574.18

Disclosure of detailed information about property, plant and equipment [Table]

..(19)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Plant and equipment [Member]			
Sub classes of property, plant and equipment [Axis]	Owned assets [Member]			
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Carrying amount [Member]			Gross carrying amount [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment	1,341.38	1,709.89		1,341.38
Acquisitions through business combinations, property, plant and equipment	117.09	0		117.09
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss	-4,080.61	-4,098.49		
Total Depreciation property plant and equipment	-4,080.61	-4,098.49		
Impairment loss recognised in profit or loss, property, plant and equipment	0	27.97		
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment	0	-41.01		0
Total increase (decrease) through transfers and other changes, property, plant and equipment	0	-41.01		0
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment	44.7	33.61		85.85
Total disposals and retirements, property, plant and equipment	44.7	33.61		85.85
Total increase (decrease) in property, plant and equipment	-2,666.84	-2,435.25		1,372.62
Property, plant and equipment at end of period	56,259.05	58,925.89	61,361.14	84,575.85

Disclosure of detailed information about property, plant and equipment [Table]

..(20)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Plant and equipment [Member]			
Sub classes of property, plant and equipment [Axis]	Owned assets [Member]			
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Gross carrying amount [Member]		Accumulated depreciation and impairment [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment	1,709.89			
Acquisitions through business combinations, property, plant and equipment	0			
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss			4,080.61	4,098.49
Total Depreciation property plant and equipment			4,080.61	4,098.49
Impairment loss recognised in profit or loss, property, plant and equipment			0	-27.97
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment	-25.84		0	15.17
Total increase (decrease) through transfers and other changes, property, plant and equipment	-25.84		0	15.17
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment	93.07		41.15	59.46
Total disposals and retirements, property, plant and equipment	93.07		41.15	59.46
Total increase (decrease) in property, plant and equipment	1,590.98		4,039.46	4,026.23
Property, plant and equipment at end of period	83,203.23	81,612.25	28,316.8	24,277.34

Disclosure of detailed information about property, plant and equipment [Table]

..(21)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Plant and equipment [Member]	Furniture and fixtures [Member]		
Sub classes of property, plant and equipment [Axis]	Owned assets [Member]	Owned assets [Member]		
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Accumulated depreciation and impairment [Member]	Carrying amount [Member]		
	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment		91.84	53.47	
Acquisitions through business combinations, property, plant and equipment		0.24	0	
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss		-73.67	-85.04	
Total Depreciation property plant and equipment		-73.67	-85.04	
Impairment loss recognised in profit or loss, property, plant and equipment		0	19.68	
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment		0	-18.18	
Total increase (decrease) through transfers and other changes, property, plant and equipment		0	-18.18	
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment		-0.78	4.27	
Total disposals and retirements, property, plant and equipment		-0.78	4.27	
Total increase (decrease) in property, plant and equipment		19.19	-34.34	
Property, plant and equipment at end of period	20,251.11	150.25	131.06	165.4

Disclosure of detailed information about property, plant and equipment [Table]

..(22)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Furniture and fixtures [Member]			
Sub classes of property, plant and equipment [Axis]	Owned assets [Member]			
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Gross carrying amount [Member]			Accumulated depreciation and impairment [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment	91.84	53.47		
Acquisitions through business combinations, property, plant and equipment	0.24	0		
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss				73.67
Total Depreciation property plant and equipment				73.67
Impairment loss recognised in profit or loss, property, plant and equipment				0
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment	0	-0.35		0
Total increase (decrease) through transfers and other changes, property, plant and equipment	0	-0.35		0
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment	10.39	33.94		11.17
Total disposals and retirements, property, plant and equipment	10.39	33.94		11.17
Total increase (decrease) in property, plant and equipment	81.69	19.18		62.5
Property, plant and equipment at end of period	799.76	718.07	698.89	649.51

Disclosure of detailed information about property, plant and equipment [Table]

..(23)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Furniture and fixtures [Member]		Vehicles [Member]	
Sub classes of property, plant and equipment [Axis]	Owned assets [Member]		Assets given under operating lease [Member]	
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Accumulated depreciation and impairment [Member]		Carrying amount [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment			43.97	21.54
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss	85.04		-12.29	-6.16
Total Depreciation property plant and equipment	85.04		-12.29	-6.16
Impairment loss recognised in profit or loss, property, plant and equipment	-19.68			
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment	17.83		0	0
Total increase (decrease) through transfers and other changes, property, plant and equipment	17.83		0	0
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment	29.67		1.75	1.05
Total disposals and retirements, property, plant and equipment	29.67		1.75	1.05
Total increase (decrease) in property, plant and equipment	53.52		29.93	14.33
Property, plant and equipment at end of period	587.01	533.49	61.26	31.33

Disclosure of detailed information about property, plant and equipment [Table]

..(24)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Vehicles [Member]			
Sub classes of property, plant and equipment [Axis]	Assets given under operating lease [Member]			
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Carrying amount [Member]	Gross carrying amount [Member]		
	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment		43.97	21.54	
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment		0	0	
Total increase (decrease) through transfers and other changes, property, plant and equipment		0	0	
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment		2.68	1.28	
Total disposals and retirements, property, plant and equipment		2.68	1.28	
Total increase (decrease) in property, plant and equipment		41.29	20.26	
Property, plant and equipment at end of period	17	81.79	40.5	20.24

Disclosure of detailed information about property, plant and equipment [Table]

..(25)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Vehicles [Member]			
Sub classes of property, plant and equipment [Axis]	Assets given under operating lease [Member]			Owned assets [Member]
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Accumulated depreciation and impairment [Member]			Carrying amount [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment				1.96
Acquisitions through business combinations, property, plant and equipment				0.24
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss	12.29	6.16		-23.89
Total Depreciation property plant and equipment	12.29	6.16		-23.89
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment	0	0		0
Total increase (decrease) through transfers and other changes, property, plant and equipment	0	0		0
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment	0.93	0.23		1.19
Total disposals and retirements, property, plant and equipment	0.93	0.23		1.19
Total increase (decrease) in property, plant and equipment	11.36	5.93		-22.88
Property, plant and equipment at end of period	20.53	9.17	3.24	158.72

Disclosure of detailed information about property, plant and equipment [Table]

..(26)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Vehicles [Member]			
Sub classes of property, plant and equipment [Axis]	Owned assets [Member]			
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Carrying amount [Member]		Gross carrying amount [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment	4.92		1.96	4.92
Acquisitions through business combinations, property, plant and equipment	0		0.24	0
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss	-28.55			
Total Depreciation property plant and equipment	-28.55			
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment	0		0	4.64
Total increase (decrease) through transfers and other changes, property, plant and equipment	0		0	4.64
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment	3.2		15.43	31.19
Total disposals and retirements, property, plant and equipment	3.2		15.43	31.19
Total increase (decrease) in property, plant and equipment	-26.83		-13.23	-21.63
Property, plant and equipment at end of period	181.6	208.43	398.71	411.94

Disclosure of detailed information about property, plant and equipment [Table]

..(27)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Vehicles [Member]			
Sub classes of property, plant and equipment [Axis]	Owned assets [Member]			
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Gross carrying amount [Member]	Accumulated depreciation and impairment [Member]		
	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss		23.89	28.55	
Total Depreciation property plant and equipment		23.89	28.55	
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment		0	4.64	
Total increase (decrease) through transfers and other changes, property, plant and equipment		0	4.64	
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment		14.24	27.99	
Total disposals and retirements, property, plant and equipment		14.24	27.99	
Total increase (decrease) in property, plant and equipment		9.65	5.2	
Property, plant and equipment at end of period	433.57	239.99	230.34	225.14

Disclosure of detailed information about property, plant and equipment [Table]

..(28)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Other property, plant and equipment [Member]			
Sub classes of property, plant and equipment [Axis]	Assets given under operating lease [Member]			
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Carrying amount [Member]			Gross carrying amount [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment	0	0		0
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss	-0.18	-2.66		
Total Depreciation property plant and equipment	-0.18	-2.66		
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment	0	0		0
Total increase (decrease) through transfers and other changes, property, plant and equipment	0	0		0
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment	-0.01	0.01		5.26
Total disposals and retirements, property, plant and equipment	-0.01	0.01		5.26
Total increase (decrease) in property, plant and equipment	-0.17	-2.67		-5.26
Property, plant and equipment at end of period	0	0.17	2.84	0

Disclosure of detailed information about property, plant and equipment [Table]

..(29)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Other property, plant and equipment [Member]			
Sub classes of property, plant and equipment [Axis]	Assets given under operating lease [Member]			
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Gross carrying amount [Member]		Accumulated depreciation and impairment [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment	0			
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss			0.18	2.66
Total Depreciation property plant and equipment			0.18	2.66
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment	0		0	0
Total increase (decrease) through transfers and other changes, property, plant and equipment	0		0	0
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment	12.13		5.27	12.12
Total disposals and retirements, property, plant and equipment	12.13		5.27	12.12
Total increase (decrease) in property, plant and equipment	-12.13		-5.09	-9.46
Property, plant and equipment at end of period	5.26	17.39	0	5.09

Disclosure of detailed information about property, plant and equipment [Table]

..(30)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Other property, plant and equipment [Member]			
Sub classes of property, plant and equipment [Axis]	Assets given under operating lease [Member]	Owned assets [Member]		
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Accumulated depreciation and impairment [Member]	Carrying amount [Member]		
	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment		-0.91	17.83	
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss		-52.01	-50.29	
Total Depreciation property plant and equipment		-52.01	-50.29	
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment		0	17.62	
Total increase (decrease) through transfers and other changes, property, plant and equipment		0	17.62	
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment		0.02	0	
Total disposals and retirements, property, plant and equipment		0.02	0	
Total increase (decrease) in property, plant and equipment		-52.94	-14.84	
Property, plant and equipment at end of period	14.55	890.27	943.21	958.05

Disclosure of detailed information about property, plant and equipment [Table]

..(31)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Other property, plant and equipment [Member]			
Sub classes of property, plant and equipment [Axis]	Owned assets [Member]			
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Gross carrying amount [Member]			Accumulated depreciation and impairment [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment	-0.91	17.83		
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss				52.01
Total Depreciation property plant and equipment				52.01
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment	0	30.3		0
Total increase (decrease) through transfers and other changes, property, plant and equipment	0	30.3		0
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment	0.04	0		0.02
Total disposals and retirements, property, plant and equipment	0.04	0		0.02
Total increase (decrease) in property, plant and equipment	-0.95	48.13		51.99
Property, plant and equipment at end of period	1,240.13	1,241.08	1,192.95	349.86

Disclosure of detailed information about property, plant and equipment [Table]

..(32)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Other property, plant and equipment [Member]		Railway sidings [Member]	
Sub classes of property, plant and equipment [Axis]	Owned assets [Member]		Assets given under operating lease [Member]	
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Accumulated depreciation and impairment [Member]		Carrying amount [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment			0	0
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss	50.29		-0.18	-2.66
Total Depreciation property plant and equipment	50.29		-0.18	-2.66
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment	12.68		0	0
Total increase (decrease) through transfers and other changes, property, plant and equipment	12.68		0	0
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment	0		-0.01	0.01
Total disposals and retirements, property, plant and equipment	0		-0.01	0.01
Total increase (decrease) in property, plant and equipment	62.97		-0.17	-2.67
Property, plant and equipment at end of period	297.87	234.9	0	0.17

Disclosure of detailed information about property, plant and equipment [Table]

..(33)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Railway sidings [Member]			
Sub classes of property, plant and equipment [Axis]	Assets given under operating lease [Member]			
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Carrying amount [Member]	Gross carrying amount [Member]		
	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment		0	0	
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment		0	0	
Total increase (decrease) through transfers and other changes, property, plant and equipment		0	0	
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment		5.26	12.13	
Total disposals and retirements, property, plant and equipment		5.26	12.13	
Total increase (decrease) in property, plant and equipment		-5.26	-12.13	
Property, plant and equipment at end of period	2.84	0	5.26	17.39

Disclosure of detailed information about property, plant and equipment [Table]

..(34)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Railway sidings [Member]			
Sub classes of property, plant and equipment [Axis]	Assets given under operating lease [Member]			Owned assets [Member]
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Accumulated depreciation and impairment [Member]			Carrying amount [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment				-0.91
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss	0.18	2.66		-52.01
Total Depreciation property plant and equipment	0.18	2.66		-52.01
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment	0	0		0
Total increase (decrease) through transfers and other changes, property, plant and equipment	0	0		0
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment	5.27	12.12		0.02
Total disposals and retirements, property, plant and equipment	5.27	12.12		0.02
Total increase (decrease) in property, plant and equipment	-5.09	-9.46		-52.94
Property, plant and equipment at end of period	0	5.09	14.55	890.27

Disclosure of detailed information about property, plant and equipment [Table]

..(35)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Railway sidings [Member]			
Sub classes of property, plant and equipment [Axis]	Owned assets [Member]			
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Carrying amount [Member]		Gross carrying amount [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Additions other than through business combinations, property, plant and equipment	17.83		-0.91	17.83
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss	-50.29			
Total Depreciation property plant and equipment	-50.29			
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment	17.62		0	30.3
Total increase (decrease) through transfers and other changes, property, plant and equipment	17.62		0	30.3
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment	0		0.04	0
Total disposals and retirements, property, plant and equipment	0		0.04	0
Total increase (decrease) in property, plant and equipment	-14.84		-0.95	48.13
Property, plant and equipment at end of period	943.21	958.05	1,240.13	1,241.08

Disclosure of detailed information about property, plant and equipment [Table]

..(36)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Railway sidings [Member]			
Sub classes of property, plant and equipment [Axis]	Owned assets [Member]			
Carrying amount accumulated depreciation and gross carrying amount [Axis]	Gross carrying amount [Member]	Accumulated depreciation and impairment [Member]		
	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Disclosure of detailed information about property, plant and equipment [Abstract]				
Disclosure of detailed information about property, plant and equipment [Line items]				
Reconciliation of changes in property, plant and equipment [Abstract]				
Changes in property, plant and equipment [Abstract]				
Depreciation, property, plant and equipment [Abstract]				
Depreciation recognised in profit or loss		52.01	50.29	
Total Depreciation property plant and equipment		52.01	50.29	
Increase (decrease) through transfers and other changes, property, plant and equipment [Abstract]				
Increase (decrease) through other changes, property, plant and equipment		0	12.68	
Total increase (decrease) through transfers and other changes, property, plant and equipment		0	12.68	
Disposals and retirements, property, plant and equipment [Abstract]				
Disposals, property, plant and equipment		0.02	0	
Total disposals and retirements, property, plant and equipment		0.02	0	
Total increase (decrease) in property, plant and equipment		51.99	62.97	
Property, plant and equipment at end of period	1,192.95	349.86	297.87	234.9

Disclosure of additional information about property plant and equipment [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Property, plant and equipment [Member]		Land [Member]	
Sub classes of property, plant and equipment [Axis]	Owned and leased assets [Member]		Assets given under operating lease [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of additional information about property plant and equipment [Abstract]				
Disclosure of additional information about property plant and equipment [Line items]				
Depreciation method, property, plant and equipment	Straight line basis	Straight line basis	Straight line basis	Straight line basis
Useful lives or depreciation rates, property, plant and equipment	(A) As detailed in footnote	(B) As detailed in footnote	Over the shorter of lease term or useful life of right-of-use asset	Over the shorter of lease term or useful life of right-of-use asset
Whether property, plant and equipment are stated at revalued amount	No	No	No	No

Footnotes

(A)

	Estimated useful life (years)
Buildings	upto 60 years*
Roads	5 to 10 years
Plant and machinery	upto 40 years*
Railway sidings	upto 35 years*
Vehicles and aircraft	5 to 20 years
Furniture, fixtures and office equipments	3 to 10 years
Computer software	3 to 5 years
Assets covered under Electricity Act (life as prescribed under the Electricity Act)	3 to 38 years

Mining assets are amortised over the useful life of the mine or lease period whichever is lower.

Major furnace relining expenses are depreciated over a period of 10 years (average expected life).

Freehold land is not depreciated.

Assets value upto Rs. 25,000 are fully depreciated in the year of acquisition.

*For these class of assets, based on internal assessment and independent technical evaluation carried out by chartered engineers, the Company believes that the useful lives as given above best represents the period over which the Company expects to use these assets. Hence the useful lives for these assets are different from the useful lives as prescribed under Part C of Schedule II of the Companies Act, 2013.

The right-of-use assets are depreciated using the straight-line method from the commencement date over the shorter of lease term or useful life of right-of-use asset.

(B)

	Estimated useful life (years)
Buildings	upto 60 years*
Roads	5 to 10 years
Plant and machinery	upto 40 years*
Railway sidings	upto 35 years*
Vehicles and aircraft	5 to 20 years
Furniture, fixtures and office equipments	3 to 10 years
Computer software	3 to 5 years
Assets covered under Electricity Act (life as prescribed under the Electricity Act)	3 to 38 years

Mining assets are amortised over the useful life of the mine or lease period whichever is lower.

Major furnace relining expenses are depreciated over a period of 10 years (average expected life).

Freehold land is not depreciated.

Assets value upto Rs.25,000 are fully depreciated in the year of acquisition.

*For these class of assets, based on internal assessment and independent technical evaluation carried out by chartered engineers, the Company believes that the useful lives as given above best represents the period over which the Company expects to use these assets. Hence the useful lives for these assets are different from the useful lives as prescribed under Part C of Schedule II of the Companies Act, 2013

The right-of-use assets are depreciated using the straight-line method from the commencement date over the shorter of lease term or useful life of right-of-use asset.

Disclosure of additional information about property plant and equipment [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Land [Member]		Buildings [Member]	
Sub classes of property, plant and equipment [Axis]	Owned assets [Member]		Assets given under operating lease [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of additional information about property plant and equipment [Abstract]				
Disclosure of additional information about property plant and equipment [Line items]				
Depreciation method, property, plant and equipment	Straight line basis	Straight line basis	Straight line basis	Straight line basis
Useful lives or depreciation rates, property, plant and equipment	Roads- 5 to 10 years	Roads- 5 to 10 years	Over the shorter of lease term or useful life of right-of-use asset	Over the shorter of lease term or useful life of right-of-use asset
Whether property, plant and equipment are stated at revalued amount	No	No	No	No

Disclosure of additional information about property plant and equipment [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Buildings [Member]		Plant and equipment [Member]	
Sub classes of property, plant and equipment [Axis]	Owned assets [Member]		Assets given under operating lease [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of additional information about property plant and equipment [Abstract]				
Disclosure of additional information about property plant and equipment [Line items]				
Depreciation method, property, plant and equipment	Straight line basis	Straight line basis	Straight line basis	Straight line basis
Useful lives or depreciation rates, property, plant and equipment	Upto 60 years	Upto 60 years	Over the shorter of lease term or useful life of right-of-use asset	Over the shorter of lease term or useful life of right-of-use asset
Whether property, plant and equipment are stated at revalued amount	No	No	No	No

Disclosure of additional information about property plant and equipment [Table]

..(4)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Plant and equipment [Member]		Furniture and fixtures [Member]	
Sub classes of property, plant and equipment [Axis]	Owned assets [Member]		Owned assets [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of additional information about property plant and equipment [Abstract]				
Disclosure of additional information about property plant and equipment [Line items]				
Depreciation method, property, plant and equipment	Straight line basis	Straight line basis	Straight line basis	Straight line basis
Useful lives or depreciation rates, property, plant and equipment	Upto 40 years	Upto 40 years	3 to 10 years	3 to 10 years
Whether property, plant and equipment are stated at revalued amount	No	No	No	No

Disclosure of additional information about property plant and equipment [Table]

..(5)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Vehicles [Member]			
Sub classes of property, plant and equipment [Axis]	Assets given under operating lease [Member]		Owned assets [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of additional information about property plant and equipment [Abstract]				
Disclosure of additional information about property plant and equipment [Line items]				
Depreciation method, property, plant and equipment	Straight line basis	Straight line basis	Straight line basis	Straight line basis
Useful lives or depreciation rates, property, plant and equipment	Over the shorter of lease term or useful life of right-of-use asset	Over the shorter of lease term or useful life of right-of-use asset	5 to 20 years	5 to 20 years
Whether property, plant and equipment are stated at revalued amount	No	No	No	No

Disclosure of additional information about property plant and equipment [Table]

..(6)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Other property, plant and equipment [Member]			
Sub classes of property, plant and equipment [Axis]	Assets given under operating lease [Member]		Owned assets [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of additional information about property plant and equipment [Abstract]				
Disclosure of additional information about property plant and equipment [Line items]				
Depreciation method, property, plant and equipment	Straight line basis	Straight line basis	Straight line basis	Straight line basis
Useful lives or depreciation rates, property, plant and equipment	Over the shorter of lease term or useful life of right-of-use asset	Over the shorter of lease term or useful life of right-of-use asset	Upto 35 years	Upto 35 years
Whether property, plant and equipment are stated at revalued amount	No	No	No	No

Disclosure of additional information about property plant and equipment [Table]

..(7)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of property, plant and equipment [Axis]	Railway sidings [Member]			
	Assets given under operating lease [Member]		Owned assets [Member]	
Sub classes of property, plant and equipment [Axis]	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of additional information about property plant and equipment [Abstract]				
Disclosure of additional information about property plant and equipment [Line items]				
Depreciation method, property, plant and equipment	Straight line basis	Straight line basis	Straight line basis	Straight line basis
Useful lives or depreciation rates, property, plant and equipment	Over the shorter of lease term or useful life of right-of-use asset	Over the shorter of lease term or useful life of right-of-use asset	Upto 35 years	Upto 35 years
Whether property, plant and equipment are stated at revalued amount	No	No	No	No

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023
Disclosure of property, plant and equipment [TextBlock]	Textual information (41) [See below]
Disclosure of detailed information about property, plant and equipment [TextBlock]	

Textual information (41)

Disclosure of property, plant and equipment [Text Block]

1. Property, plant and equipment

							(Rs. crore)
	Land including roads	Buildings	Plant and machinery	Furniture, fixtures and office equipments	Vehicles	Railway sidings	Total
Cost/deemed cost as at April 1, 2022	14,950.30	16,445.58	83,203.23	718.07	411.94	1,241.08	1,16,970.20
Additions	28.39	324.33	1,341.38	91.84	1.96	(0.91)	1,786.99
Additions relating to acquisitions	-	20.98	117.09	0.24	0.24	-	138.55
Disposals	(38.62)	(13.50)	(85.85)	(10.39)	(15.43)	(0.04)	(163.83)
Cost/deemed cost as at March 31, 2023	14,940.07	16,777.39	84,575.85	799.76	398.71	1,240.13	1,18,731.91
Accumulated impairment as at April 1, 2022	-	1.21	-	-	-	-	1.21
Accumulated impairment as at March 31, 2023	-	1.21	-	-	-	-	1.21
Accumulated depreciation as at April 1, 2022	906.90	2,723.31	24,277.34	587.01	230.34	297.87	29,022.77
Charge for the year	53.34	551.55	4,080.61	73.67	23.89	52.01	4,835.07
Disposals	-	(2.87)	(41.15)	(11.17)	(14.24)	(0.02)	(69.45)
Accumulated depreciation as at March 31, 2023	960.24	3,271.99	28,316.80	649.51	239.99	349.86	33,788.39
Total accumulated depreciation and impairment as at March 31, 2023	960.24	3,273.20	28,316.80	649.51	239.99	349.86	33,789.60
Net carrying value as at April 1, 2022	14,043.40	13,721.06	58,925.89	131.06	181.60	943.21	87,946.22
Net carrying value as at March 31, 2023	13,979.83	13,504.19	56,259.05	150.25	158.72	890.27	84,942.31
							(Rs. crore)
	Land including roads	Buildings	Plant and machinery	Furniture, fixtures and office equipments	Vehicles	Railway sidings	Total
Cost/deemed cost as at April 1, 2021	14,687.71	16,063.35	81,612.25	698.89	433.57	1,192.95	1,14,688.72
Additions	59.37	600.28	1,709.89	53.47	4.92	17.83	2,445.76
Disposals	(19.16)	(20.74)	(93.07)	(33.94)	(31.19)	-	(198.10)
Other re-classifications	222.38	(197.31)	(25.84)	(0.35)	4.64	30.30	33.82

Cost/deemed cost as at March 31, 2022	14,950.30	16,445.58	83,203.23	718.07	411.94	1,241.08	1,16,970.20
Accumulated impairment as at April 1, 2021	0.15	1.32	27.97	19.68	-	-	49.12
Disposals	(0.15)	(0.11)	(6.16)	-	-	-	(6.42)
Other re-classifications	-	-	(21.81)	(19.68)	-	-	(41.49)
Accumulated impairment as at March 31, 2022	-	1.21	-	-	-	-	1.21
Accumulated depreciation as at April 1, 2021	826.99	2,211.03	20,223.14	513.81	225.14	234.90	24,235.01
Charge for the year	50.87	550.02	4,098.49	85.04	28.55	50.29	4,863.26
Disposals	-	(8.71)	(59.46)	(29.67)	(27.99)	-	(125.83)
Other re-classifications	29.04	(29.03)	15.17	17.83	4.64	12.68	50.33
Accumulated depreciation as at March 31, 2022	906.90	2,723.31	24,277.34	587.01	230.34	297.87	29,022.77
Total accumulated depreciation and impairment as at March 31, 2022	906.90	2,724.52	24,277.34	587.01	230.34	297.87	29,023.98
Net carrying value as at April 1, 2021	13,860.57	13,851.00	61,361.14	165.40	208.43	958.05	90,404.59
Net carrying value as at March 31, 2022	14,043.40	13,721.06	58,925.89	131.06	181.60	943.21	87,946.22

(i) Buildings include Rs. 94.33 crore (March 31, 2022: Rs. 51.33 crore) being held through shares in co-operative housing societies and limited companies.

(ii) Net carrying value of furniture, fixtures and office equipment comprises of:

		(Rs. crore)
	As at March 31, 2023	As at March 31, 2022
Furniture and fixtures:		
Cost/deemed cost	163.01	151.90
Accumulated depreciation and impairment	145.25	137.59
	17.76	14.31
Office equipments:		
Cost/deemed cost	636.75	566.17
Accumulated depreciation and impairment	504.26	449.42
	132.49	116.75
	150.25	131.06

(iii) Rs. 281.95 crore (2021-22: Rs. 169.98 crore) of borrowing costs has been capitalised during the year against qualifying assets under construction using a capitalisation rate of 2.47% (2021-22: 2.88%).

(iv) Property, plant and equipment (including capital work-in-progress) were tested for impairment during the year where indicators of impairment existed. During the year ended March 31, 2023, the Company has recognised an impairment reversal of Rs. 22.77 crore in respect of expenditure incurred at one of its mining sites. The impairment recognised/reversed is included within other expenses in the statement of profit and loss.

(v) Details of property, plant and equipment pledged against borrowings is presented in note 18, page F78.

(vi) Additions to capital work-in-progress during the year is Rs. 8,708.97 crore (2021-22: Rs. 6,497.86 crore).

(vii) The title deeds of all the immovable properties (other than properties where the Company is the lessee and the lease agreements are duly executed in favour of the lessee), are held in the name of the Company, except for the following:

Description of property	Gross carrying value (Rs. crore)	Held in the name of	Whether promoter, director or their relative or employee	Period held (i.e. dates of capitalisation provided in range)#	Reason for not being held in the name of the Company
Freehold Land	279.85	Not Applicable	No	March, 1928 to April, 2020	Title Deeds not available with the Company
Freehold Land	279.85	Not Applicable	No	March, 1928 to April, 2020	Title Deeds not available with the Company
Buildings	55.13	Not Applicable	No	March, 1974 to January, 1995	Title Deeds not available with the Company
Buildings	105.88	Not Applicable	No	January, 1960 to April, 2020	Title Deeds not available with the Company
Freehold Land	224.66	Erstwhile Tata Steel BSL Limited (TSBSL)	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the - Company is pending
Freehold Land	262.76	Erstwhile Tata Steel BSL Limited (TSBSL)	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the - Company is pending
Freehold Land	147.19	Bhushan Steel Limited	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the - Company is pending
Freehold Land	161.27	Bhushan Steel Limited	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the - Company is pending
Freehold Land	1.92	Bhushan Steel & Strips Limited	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the - Company is pending
Freehold Land	1.92	Bhushan Steel & Strips Limited	No	April, 2020	For certain properties acquired through amalgamation/merger, the name change in the name of the - Company is pending
Freehold Land	-	Tata SSL Limited		July, 1988	For certain properties acquired through amalgamation/merger, the name change in the name of the - Company is pending
Freehold Land	59.90	Tata SSL Limited		July, 1988	For certain properties acquired through amalgamation/merger, the name change in the name of the - Company is pending
Buildings	24.70	Tata SSL	No	January, 1989 to	For certain properties acquired through amalgamation/merger, the name change in

		Limited		January, 2000	the name of the - Company is pending
Buildings	46.37	Tata SSL Limited	No	January, 1987 to January, 2007	For certain properties acquired through amalgamation/merger, the name change in the name of the - Company is pending
Buildings	3.08	Indian Tube Company Limited	No	January, 1960	For certain properties acquired through amalgamation/merger, the name change in the name of the - Company is pending
Buildings	-	Indian Tube Company Limited	No	January, 1960	For certain properties acquired through amalgamation/merger, the name change in the name of the - Company is pending

Figures in italics represents comparative figures of previous year.

In case of immovable properties acquired from Tata Steel BSL Limited which got merged with the Company in the preceding year pursuant to National Company Law Tribunal Order dated October 29, 2021, dates have been considered with effect from the date of merger.

(viii) With effect from April 1, 2021, the Company has revised the terminal value of certain items of property, plant and equipment acquired consequent to the merger of Tata Steel BSL Limited with and into the Company. Had there been no change in terminal value of the assets acquired, depreciation for the year ended March 31, 2022 would have been lower by Rs. 99.37 crore.

(ix) Ageing of capital work-in-progress is as below:

As at March 31, 2023

					(Rs. crore)
	Amount in Capital work in progress for period of				
	Less than 1 year	1-2 years	2-3 years	More than 3 years	Total
Project in progress	10,216.90	4,032.22	2,492.14	4,350.66	21,091.92
	10,216.90	4,032.22	2,492.14	4,350.66	21,091.92

As at March 31, 2022

					(Rs. crore)
	Amount in Capital work in progress for period of				
	Less than 1 year	1-2 years	2-3 years	More than 3 years	Total
Project in progress	6,225.41	2,518.49	2,655.98	2,759.44	14,159.32
	6,225.41	2,518.49	2,655.98	2,759.44	14,159.32

(x) The expected completion of the amounts lying in capital work in progress which are delayed are as below.

As at March 31, 2023

				(Rs. crore)
	Amount in Capital work in progress to be completed in			
	Less than 1 year	1-2 years	2-3 years	More than 3 years

Project in progress :				
Growth projects	9,527.37	7,024.02	97.75	67.81
Raw material augmentation	489.92	1,153.85	-	-
Environment, safety and compliance	303.00	404.82	-	-
Sustenance projects	1,371.00	63.85	1.66	24.03
	11,691.29	8,646.54	99.41	91.84

As at March 31, 2022

				(Rs. crore)
	Amount in Capital work in progress to be completed in			
	Less than 1 year	1-2 years	2-3 years	More than 3 years
Project in progress :				
Growth projects	1,635.23	4,765.14	4,365.64	-
Raw material augmentation	817.34	-	87.79	348.80
Environment, safety and compliance	102.55	-	625.64	-
Sustenance projects	626.39	429.36	10.37	42.93
	3,181.51	5,194.50	5,089.44	391.73

As part of its strategy to continue to grow in the Indian market, the Company acquired Tata Steel BSL Limited (TSBSL) with ~5 MTPA steel making capacity in May 2018, under a bid process triggered by TSBSL's insolvency. Post-acquisition, the Company's net debt at a consolidated level had increased considerably.

Given the Company's strategic priority to deleverage balance sheet consequent to increase in net debt levels ahead of incurring further planned investments in organic growth projects, capital expenditure during last few years have been lower than the original phasing of spend approved by the Board of Directors of the Company. This was further exacerbated by the onset of the COVID19 pandemic towards the close of financial year 2020, wherein business & supply chain disruptions, health and safety concerns across the globe coupled with travel restrictions globally impacted the pace of project execution over the last 2-3 years.

Following the rebalancing of capital structure post significant reduction in the debt levels and the Company attaining an investment grade credit rating, the capital allocation for organic growth projects has been increased and the Company expects to commission these facilities in line with their revised completion schedules.

(xi) Property, plant and equipment include capital cost of in-house research facilities as below:

						(Rs. crore)
	Land including roads	Buildings	Plant and machinery	Furniture, fixtures and office equipments	Vehicles	Total
Cost/deemed cost as at April 1, 2022	1.88	7.02	97.05	8.26	0.09	114.30
	1.88	6.35	95.82	7.64	0.09	111.78
Additions	-	0.04	3.22	0.41	-	3.67

	-	0.67	0.34	0.54	-	1.55
Other reclassifications	-	-	-	-	-	-
	-	-	0.89	0.17	-	1.06
Deductions	-	-	-	(0.02)	-	(0.02)
	-	-	-	(0.09)	-	(0.09)
Cost/deemed cost as at March 31, 2023	1.88	7.06	100.27	8.65	0.09	117.95
	1.88	7.02	97.05	8.26	0.09	114.30
Capital work-in-progress	-	-	-	-	-	2.18
	-	-	-	-	-	1.60

Figures in italics represents comparative figures of previous year.

2. Right-of-use assets

						(Rs crore)
	Right-of-use land	Right-of-use buildings	Right-of-use plant and machinery	Right-of-use vehicles	Right-of-use railway sidings	Total
Cost as at April 1, 2022	1,906.97	124.69	6,703.88	40.50	5.26	8,781.30
Additions	-	52.55	340.53	43.97	-	437.05
Additions relating to acquisitions	17.94	-	-	-	-	17.94
Disposals	-	(19.77)	(74.54)	(2.68)	(5.26)	(102.25)
Cost as at March 31, 2023	1,924.91	157.47	6,969.87	81.79	-	9,134.04
Accumulated impairment as at March 31, 2023	-	-	-	-	-	-
Accumulated depreciation as at April 1, 2022	209.41	61.39	2,958.06	9.17	5.09	3,243.12
Charge for the year	34.03	32.67	431.92	12.29	0.18	511.09
Disposals	-	(19.54)	(74.54)	(0.93)	(5.27)	(100.28)
Accumulated depreciation as at March 31, 2023	243.44	74.52	3,315.44	20.53	-	3,653.93
Total accumulated depreciation and impairment as at March 31, 2023	243.44	74.52	3,315.44	20.53	-	3,653.93
Net carrying value as at April 1, 2022	1,697.56	63.30	3,745.82	31.33	0.17	5,538.18
Net carrying value as at March 31, 2023	1,681.47	82.95	3,654.43	61.26	-	5,480.11
						(Rs crore)
	Right-of-use	Right-of-use	Right-of-use plant and	Right-of-use	Right-of-use railway	Total

	land	buildings	machinery	vehicles	sidings	
Cost as at April 1, 2021	1,920.46	98.31	6,643.26	20.24	17.39	8,699.66
Additions	4.70	66.16	100.11	21.54	-	192.51
Disposals	(1.08)	(40.63)	(39.49)	(1.28)	(12.13)	(94.61)
Other re-classifications	(17.11)	0.85	-	-	-	(16.26)
Cost as at March 31, 2022	1,906.97	124.69	6,703.88	40.50	5.26	8,781.30
Accumulated impairment as at March 31, 2022	-	-	-	-	-	-
Accumulated depreciation as at April 1, 2021	167.78	56.95	2,574.18	3.24	14.55	2,816.70
Charge for the year	33.75	40.66	423.37	6.16	2.66	506.60
Disposals	(0.93)	(36.22)	(39.49)	(0.23)	(12.12)	(88.99)
Other re-classifications	8.81	-	-	-	-	8.81
Accumulated depreciation as at March 31, 2022	209.41	61.39	2,958.06	9.17	5.09	3,243.12
Total accumulated depreciation and impairment as at March 31, 2022	209.41	61.39	2,958.06	9.17	5.09	3,243.12
Net carrying value as at April 1, 2021	1,752.68	41.36	4,069.08	17.00	2.84	5,882.96
Net carrying value as at March 31, 2022	1,697.56	63.30	3,745.82	31.33	0.17	5,538.18

(i) Vehicle cost used for in-house research and development included within right-of-use vehicles is Rs 2.36 crore (March 31, 2022: Rs 0.71 crore).

(ii) The Company's significant leasing arrangements include assets dedicated for use under long-term arrangements, lease of land, office space, equipment, vehicles and some IT equipment.

Lease terms are negotiated on an individual basis and contain a wide range of different terms and conditions. Each lease generally imposes a restriction that, unless there is a contractual right for the Company to sublet the asset to another party, the right-of-use asset can only be used by the Company. Extension and termination options are included in some property and equipment leases.

These are used to maximise operational flexibility in terms of managing the assets used in the Company's operations. Majority of the extension and termination options held are exercisable based on mutual agreement of the Company and the lessors.

With the exception of short-term leases and leases of low-value underlying assets, each lease is reflected on the balance sheet as a right-of-use asset and a lease liability. Payments made for short-term leases and leases of low value are expensed on a straight-line basis over the lease term.

Variable lease payments which do not depend on an index or a rate (such as lease payments based on a percentage of sales) are excluded from the initial measurement of the lease liability and asset.

For leases recognised under long-term arrangements involving use of a dedicated asset, non-lease components are excluded based on the underlying contractual terms and conditions. A change in the allocation assumptions may have an impact on the measurement of lease liabilities and the related right-of-use assets.

During the year ended March 31, 2023, the Company has recognised the following in the statement of profit and loss:

a) expense in respect of short-term leases and leases of low-value assets Rs. 20.16 crore (2021-22: Rs. 4.18 crore) and Nil (2021-22: Nil)

respectively.

b) expense in respect of variable lease payments not included in the measurement of lease liabilities Rs19.18 crore (2021-22: Rs.6.89 crore).

c) income in respect of sub-leases of right-of-use assets Rs.0.31 crore (2021-22: Rs.0.35 crore).

During the year ended March 31, 2023, total cash outflow in respect of leases amounted to Rs.1,004.19 crore (March 31, 2022: Rs.1,008.91 crore).

As at March 31, 2023, commitments for leases not yet commenced was Nil (March 31, 2022: Nil).

(iii) Lease deeds of all right-of-use assets are held in the name of the Company, except for the following:

Description of property	Gross carrying value (D crore)	Held in the name of	Whether promoter, director or their relative or employee	Period held (i.e. dates of capitalisation provided in range)#	Reason for not being held in the name of the Company
Right-of-use Land	523.65	Erstwhile Tata Steel BSL Limited (TSBSL)	No	April, 2020	For certain properties acquired through amalgamation/ merger, the name change in the name of the Company is pending
Right-of-use Land	523.65	Erstwhile Tata Steel BSL Limited (TSBSL)	No	April, 2020	For certain properties acquired through amalgamation/ merger, the name change in the name of the Company is pending
Right-of-use Land	179.40	Bhushan Steel Limited	No	April, 2020	For certain properties acquired through amalgamation/ merger, the name change in the name of the Company is pending
Right-of-use Land	179.40	Bhushan Steel Limited	No	April, 2020	For certain properties acquired through amalgamation/ merger, the name change in the name of the Company is pending
Right-of-use Land	139.93	Bhushan Steel & Strips Limited	No	April, 2020	For certain properties acquired through amalgamation/ merger, the name change in the name of the Company is pending
Right-of-use Land	139.93	Bhushan Steel & Strips Limited	No	April, 2020	For certain properties acquired through amalgamation/ merger, the name change in the name of the Company is pending
Right-of-use Land	3.28	Jawahar Metal Industries Private Limited	No	April, 2020	For certain properties acquired through amalgamation/ merger, the name change in the name of the Company is pending
Right-of-use Land	3.28	Jawahar Metal Industries Private Limited	No	April, 2020	For certain properties acquired through amalgamation/ merger, the name change in the name of the Company is pending
Right-of-use Buildings	13.34	Erstwhile Tata Steel BSL Limited (TSBSL)	No	April, 2020 to October, 2021	For certain properties acquired through amalgamation/ merger, the name change in the name of the Company is pending
Right-of-use Buildings	11.73	Erstwhile Tata Steel BSL Limited	No	April, 2020 to October, 2021	For certain properties acquired through amalgamation/ merger, the name change

		(TSBSL)			in the name of the Company is pending
Right-of-use Land	0.15	Not Applicable	No	Not Available	Lease Deed not available with the Company

Figures in *italics* represents comparative figures of previous year.

In case of immovable properties acquired from Tata Steel BSL Limited which got merged with the Company in the preceding year pursuant to National Company Law Tribunal Order dated October 29, 2021, dates have been considered with effect from the date of merger.

[612100] Notes - Impairment of assets

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of impairment of assets [TextBlock]		
Disclosure of impairment loss and reversal of impairment loss [TextBlock]		
Whether there is any impairment loss or reversal of impairment loss during the year	No	No
Disclosure of information for impairment loss recognised or reversed for individual Assets or cash-generating unit [TextBlock]		
Whether impairment loss recognised or reversed for individual Assets or cash-generating unit	No	No

[400700] Notes - Investment property

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of investment property [TextBlock]		
Depreciation method, investment property, cost model	-	-
Useful lives or depreciation rates, investment property, cost model	-	-

[400800] Notes - Goodwill

Disclosure of reconciliation of changes in goodwill [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Carrying amount accumulated amortization and impairment and gross carrying amount [Axis]	Carrying amount [Member]			Gross carrying amount [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023
Disclosure of reconciliation of changes in goodwill [Abstract]				
Disclosure of reconciliation of changes in goodwill [Line items]				
Changes in goodwill [Abstract]				
Acquisitions through business combinations, goodwill	3.22	0		3.22
Total increase (decrease) in goodwill	3.22	0		3.22
Goodwill at end of period	3.22	0	0	3.22

Disclosure of reconciliation of changes in goodwill [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Carrying amount accumulated amortization and impairment and gross carrying amount [Axis]	Gross carrying amount [Member]		Accumulated amortization and impairment [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	31/03/2023	31/03/2022
Disclosure of reconciliation of changes in goodwill [Abstract]				
Disclosure of reconciliation of changes in goodwill [Line items]				
Changes in goodwill [Abstract]				
Acquisitions through business combinations, goodwill	0			
Total increase (decrease) in goodwill	0			
Goodwill at end of period	0	0	0	0

Disclosure of reconciliation of changes in goodwill [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Carrying amount accumulated amortization and impairment and gross carrying amount [Axis]	Accumulated amortization and impairment [Member]
	31/03/2021
Disclosure of reconciliation of changes in goodwill [Abstract]	
Disclosure of reconciliation of changes in goodwill [Line items]	
Goodwill at end of period	0

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Disclosure of goodwill [TextBlock]			
Disclosure of reconciliation of changes in goodwill [Abstract]			
Changes in goodwill [Abstract]			
Acquisitions through business combinations, goodwill	3.22	0	
Total increase (decrease) in goodwill	3.22	0	
Goodwill at end of period	3.22	0	0

[400900] Notes - Other intangible assets**Disclosure of additional information about other intangible assets [Table]**

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of other intangible assets [Axis]	Company other intangible assets [Member]		Computer software [Member]	
Sub classes of other intangible assets [Axis]	Internally generated and other than internally generated intangible assets [Member]		Intangible assets other than internally generated [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of additional information about other intangible assets [Abstract]				
Disclosure of additional information about other intangible assets [Line items]				
Amortisation method, other intangible assets	Straight line basis	Straight line basis	Straight line basis	Straight line basis
Useful lives or amortisation rates, other intangible assets	Computer Software : 3 to 5 years, Mining assets are amortised over the useful life of the mine or lease period whichever is lower.	Computer Software : 3 to 5 years, Mining assets are amortised over the useful life of the mine or lease period whichever is lower.	3 to 5 years	3 to 5 years
Whether other intangible assets are stated at revalued amount	No	No	No	No

Disclosure of additional information about other intangible assets [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of other intangible assets [Axis]	Mining rights [Member]	
Sub classes of other intangible assets [Axis]	Intangible assets other than internally generated [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of additional information about other intangible assets [Abstract]		
Disclosure of additional information about other intangible assets [Line items]		
Amortisation method, other intangible assets	Straight line basis	Straight line basis
Useful lives or amortisation rates, other intangible assets	Mining assets are amortised over the useful life of the mine or lease period whichever is lower.	Mining assets are amortised over the useful life of the mine or lease period whichever is lower.
Whether other intangible assets are stated at revalued amount	No	No

Disclosure of detailed information about other intangible assets [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of other intangible assets [Axis]	Company other intangible assets [Member]			
Sub classes of other intangible assets [Axis]	Internally generated and other than internally generated intangible assets [Member]			
Carrying amount accumulated amortization and impairment and gross carrying amount [Axis]	Carrying amount [Member]			Gross carrying amount [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023
Disclosure of detailed information about other intangible assets [Abstract]				
Disclosure of detailed information about other intangible assets [Line items]				
Reconciliation of changes in other intangible assets [Abstract]				
Changes in Other intangible assets [Abstract]				
Additions other than through business combinations	43.07	44.04		43.07
Amortisation other intangible assets	-88.45	-93.83		
Impairment loss recognised in profit or loss	0	0		
Reversal of impairment loss recognised in profit or loss	0	36.49		
Increase (decrease) through transfers and other changes, other intangible assets [Abstract]				
Increase (decrease) through other changes	0	0.09		0
Total increase (decrease) through transfers and other changes, Other intangible assets	0	0.09		0
Disposals and retirements, other intangible assets [Abstract]				
Disposals	0	36.49		0
Total Disposals and retirements, Other intangible assets	0	36.49		0
Total increase (decrease) in Other intangible assets	-45.38	-49.7		43.07
Other intangible assets at end of period	760.65	806.03	855.73	2,369.64

Disclosure of detailed information about other intangible assets [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of other intangible assets [Axis]	Company other intangible assets [Member]			
Sub classes of other intangible assets [Axis]	Internally generated and other than internally generated intangible assets [Member]			
Carrying amount accumulated amortization and impairment and gross carrying amount [Axis]	Gross carrying amount [Member]		Accumulated amortization and impairment [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of detailed information about other intangible assets [Abstract]				
Disclosure of detailed information about other intangible assets [Line items]				
Reconciliation of changes in other intangible assets [Abstract]				
Changes in Other intangible assets [Abstract]				
Additions other than through business combinations	44.04			
Amortisation other intangible assets			88.45	93.83
Impairment loss recognised in profit or loss			0	0
Reversal of impairment loss recognised in profit or loss			0	-36.49
Increase (decrease) through transfers and other changes, other intangible assets [Abstract]				
Increase (decrease) through other changes	0.72		0	0.63
Total increase (decrease) through transfers and other changes, Other intangible assets	0.72		0	0.63
Disposals and retirements, other intangible assets [Abstract]				
Disposals	87.1		0	50.61
Total Disposals and retirements, Other intangible assets	87.1		0	50.61
Total increase (decrease) in Other intangible assets	-42.34		88.45	7.36
Other intangible assets at end of period	2,326.57	2,368.91	1,608.99	1,520.54

Disclosure of detailed information about other intangible assets [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of other intangible assets [Axis]	Company other intangible assets [Member]			
Sub classes of other intangible assets [Axis]	Internally generated and other than internally generated intangible assets [Member]	Intangible assets other than internally generated [Member]		
Carrying amount accumulated amortization and impairment and gross carrying amount [Axis]	Accumulated amortization and impairment [Member]	Carrying amount [Member]		
	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Disclosure of detailed information about other intangible assets [Abstract]				
Disclosure of detailed information about other intangible assets [Line items]				
Reconciliation of changes in other intangible assets [Abstract]				
Changes in Other intangible assets [Abstract]				
Additions other than through business combinations		43.07	44.04	
Amortisation other intangible assets		-88.45	-93.83	
Impairment loss recognised in profit or loss		0	0	
Reversal of impairment loss recognised in profit or loss		0	36.49	
Increase (decrease) through transfers and other changes, other intangible assets [Abstract]				
Increase (decrease) through other changes		0	0.09	
Total increase (decrease) through transfers and other changes, Other intangible assets		0	0.09	
Disposals and retirements, other intangible assets [Abstract]				
Disposals		0	36.49	
Total Disposals and retirements, Other intangible assets		0	36.49	
Total increase (decrease) in Other intangible assets		-45.38	-49.7	
Other intangible assets at end of period	1,513.18	760.65	806.03	855.73

Disclosure of detailed information about other intangible assets [Table]

..(4)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of other intangible assets [Axis]	Company other intangible assets [Member]			
Sub classes of other intangible assets [Axis]	Intangible assets other than internally generated [Member]			
Carrying amount accumulated amortization and impairment and gross carrying amount [Axis]	Gross carrying amount [Member]			Accumulated amortization and impairment [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023
Disclosure of detailed information about other intangible assets [Abstract]				
Disclosure of detailed information about other intangible assets [Line items]				
Reconciliation of changes in other intangible assets [Abstract]				
Changes in Other intangible assets [Abstract]				
Additions other than through business combinations	43.07	44.04		
Amortisation other intangible assets				88.45
Impairment loss recognised in profit or loss				0
Reversal of impairment loss recognised in profit or loss				0
Increase (decrease) through transfers and other changes, other intangible assets [Abstract]				
Increase (decrease) through other changes	0	0.72		0
Total increase (decrease) through transfers and other changes, Other intangible assets	0	0.72		0
Disposals and retirements, other intangible assets [Abstract]				
Disposals	0	87.1		0
Total Disposals and retirements, Other intangible assets	0	87.1		0
Total increase (decrease) in Other intangible assets	43.07	-42.34		88.45
Other intangible assets at end of period	2,369.64	2,326.57	2,368.91	1,608.99

Disclosure of detailed information about other intangible assets [Table]

..(5)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of other intangible assets [Axis]	Company other intangible assets [Member]		Computer software [Member]	
Sub classes of other intangible assets [Axis]	Intangible assets other than internally generated [Member]		Intangible assets other than internally generated [Member]	
Carrying amount accumulated amortization and impairment and gross carrying amount [Axis]	Accumulated amortization and impairment [Member]		Carrying amount [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of detailed information about other intangible assets [Abstract]				
Disclosure of detailed information about other intangible assets [Line items]				
Reconciliation of changes in other intangible assets [Abstract]				
Changes in Other intangible assets [Abstract]				
Additions other than through business combinations			14.66	10.43
Amortisation other intangible assets	93.83		-20.28	-23.46
Impairment loss recognised in profit or loss	0			
Reversal of impairment loss recognised in profit or loss	-36.49			
Increase (decrease) through transfers and other changes, other intangible assets [Abstract]				
Increase (decrease) through other changes	0.63		0	0.09
Total increase (decrease) through transfers and other changes, Other intangible assets	0.63		0	0.09
Disposals and retirements, other intangible assets [Abstract]				
Disposals	50.61			
Total Disposals and retirements, Other intangible assets	50.61			
Total increase (decrease) in Other intangible assets	7.36		-5.62	-12.94
Other intangible assets at end of period	1,520.54	1,513.18	29.53	35.15

Disclosure of detailed information about other intangible assets [Table]

..(6)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of other intangible assets [Axis]	Computer software [Member]			
Sub classes of other intangible assets [Axis]	Intangible assets other than internally generated [Member]			
Carrying amount accumulated amortization and impairment and gross carrying amount [Axis]	Carrying amount [Member]	Gross carrying amount [Member]		
	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Disclosure of detailed information about other intangible assets [Abstract]				
Disclosure of detailed information about other intangible assets [Line items]				
Reconciliation of changes in other intangible assets [Abstract]				
Changes in Other intangible assets [Abstract]				
Additions other than through business combinations		14.66	10.43	
Increase (decrease) through transfers and other changes, other intangible assets [Abstract]				
Increase (decrease) through other changes		0	0.72	
Total increase (decrease) through transfers and other changes, Other intangible assets		0	0.72	
Total increase (decrease) in Other intangible assets		14.66	11.15	
Other intangible assets at end of period	48.09	324.62	309.96	298.81

Disclosure of detailed information about other intangible assets [Table]

..(7)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of other intangible assets [Axis]	Computer software [Member]			Mining rights [Member]
Sub classes of other intangible assets [Axis]	Intangible assets other than internally generated [Member]			Intangible assets other than internally generated [Member]
Carrying amount accumulated amortization and impairment and gross carrying amount [Axis]	Accumulated amortization and impairment [Member]			Carrying amount [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023
Disclosure of detailed information about other intangible assets [Abstract]				
Disclosure of detailed information about other intangible assets [Line items]				
Reconciliation of changes in other intangible assets [Abstract]				
Changes in Other intangible assets [Abstract]				
Additions other than through business combinations				28.41
Amortisation other intangible assets	20.28	23.46		-68.17
Impairment loss recognised in profit or loss				0
Reversal of impairment loss recognised in profit or loss				0
Increase (decrease) through transfers and other changes, other intangible assets [Abstract]				
Increase (decrease) through other changes	0	0.63		0
Total increase (decrease) through transfers and other changes, Other intangible assets	0	0.63		0
Disposals and retirements, other intangible assets [Abstract]				
Disposals				0
Total Disposals and retirements, Other intangible assets				0
Total increase (decrease) in Other intangible assets	20.28	24.09		-39.76
Other intangible assets at end of period	295.09	274.81	250.72	731.12

Disclosure of detailed information about other intangible assets [Table]

..(8)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of other intangible assets [Axis]	Mining rights [Member]			
Sub classes of other intangible assets [Axis]	Intangible assets other than internally generated [Member]			
Carrying amount accumulated amortization and impairment and gross carrying amount [Axis]	Carrying amount [Member]		Gross carrying amount [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of detailed information about other intangible assets [Abstract]				
Disclosure of detailed information about other intangible assets [Line items]				
Reconciliation of changes in other intangible assets [Abstract]				
Changes in Other intangible assets [Abstract]				
Additions other than through business combinations	33.61		28.41	33.61
Amortisation other intangible assets	-70.37			
Impairment loss recognised in profit or loss	0			
Reversal of impairment loss recognised in profit or loss	36.49			
Increase (decrease) through transfers and other changes, other intangible assets [Abstract]				
Increase (decrease) through other changes	0		0	0
Total increase (decrease) through transfers and other changes, Other intangible assets	0		0	0
Disposals and retirements, other intangible assets [Abstract]				
Disposals	36.49		0	87.1
Total Disposals and retirements, Other intangible assets	36.49		0	87.1
Total increase (decrease) in Other intangible assets	-36.76		28.41	-53.49
Other intangible assets at end of period	770.88	807.64	2,045.02	2,016.61

Disclosure of detailed information about other intangible assets [Table]

..(9)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of other intangible assets [Axis]	Mining rights [Member]			
Sub classes of other intangible assets [Axis]	Intangible assets other than internally generated [Member]			
Carrying amount accumulated amortization and impairment and gross carrying amount [Axis]	Gross carrying amount [Member]	Accumulated amortization and impairment [Member]		
	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Disclosure of detailed information about other intangible assets [Abstract]				
Disclosure of detailed information about other intangible assets [Line items]				
Reconciliation of changes in other intangible assets [Abstract]				
Changes in Other intangible assets [Abstract]				
Amortisation other intangible assets		68.17	70.37	
Impairment loss recognised in profit or loss		0	0	
Reversal of impairment loss recognised in profit or loss		0	-36.49	
Increase (decrease) through transfers and other changes, other intangible assets [Abstract]				
Increase (decrease) through other changes		0	0	
Total increase (decrease) through transfers and other changes, Other intangible assets		0	0	
Disposals and retirements, other intangible assets [Abstract]				
Disposals		0	50.61	
Total Disposals and retirements, Other intangible assets		0	50.61	
Total increase (decrease) in Other intangible assets		68.17	-16.73	
Other intangible assets at end of period	2,070.1	1,313.9	1,245.73	1,262.46

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of other intangible assets [TextBlock]	Textual information (42) [See below]	
Disclosure of detailed information about other intangible assets [TextBlock]		
Disclosure of intangible assets with indefinite useful life [TextBlock]		
Whether there are intangible assets with indefinite useful life	No	No

Textual information (42)

Disclosure of other intangible assets [Text Block]

Other intangible assets

			(Rs. crore)
	Software costs	Mining assets	Total
Cost/deemed cost as at April 1, 2022	309.96	2,016.61	2,326.57
Additions	14.66	28.41	43.07
Cost/deemed cost as at March 31, 2023	324.62	2,045.02	2,369.64
Accumulated impairment as at March 31, 2023	-	-	-
Accumulated amortisation as at April 1, 2022	274.81	1,245.73	1,520.54
Charge for the year	20.28	68.17	88.45
Accumulated amortisation as at March 31, 2023	295.09	1,313.90	1,608.99
Total accumulated amortisation and impairment as at March 31, 2023	295.09	1,313.90	1,608.99
Net carrying value as at April 1, 2022	35.15	770.88	806.03
Net carrying value as at March 31, 2023	29.53	731.12	760.65
			(Rs. crore)
	Software costs	Mining assets	Total
Cost/deemed cost as at April 1, 2021	298.81	2,070.10	2,368.91
Additions	10.43	33.61	44.04
Disposals	-	(87.10)	(87.10)
Other re-classifications	0.72	-	0.72
Cost/deemed cost as at March 31, 2022	309.96	2,016.61	2,326.57
Accumulated impairment as at April 1, 2021	-	36.49	36.49
Disposals	-	(36.49)	(36.49)
Accumulated impairment as at March 31, 2022	-	-	-
Accumulated amortisation as at April 1, 2021	250.72	1,225.97	1,476.69
Charge for the year	23.46	70.37	93.83
Disposals	-	(50.61)	(50.61)
Other re-classifications	0.63	-	0.63
Accumulated amortisation as at March 31, 2022	274.81	1,245.73	1,520.54
Total accumulated amortisation and impairment as at March 31, 2022	274.81	1,245.73	1,520.54
Net carrying value as at April 1, 2021	48.09	807.64	855.73

Net carrying value as at March 31, 2022	35.15	770.88	806.03
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(i) Mining assets represent expenditure incurred in relation to acquisition of mines, mine development expenditure post establishment of technical and commercial feasibility and restoration obligations as per applicable regulations.

(ii) Software costs related to in-house research and development included within software costs is Rs. 0.15 crore (2021-22: Rs. 0.13 crore).

(iii) Ageing of intangible assets under development is as below:

As at March 31, 2023

					(Rs. crore)
		Amount in intangible assets under development for period of			
	Less than 1 year	1-2 years	2-3 years	More than 3 years	Total
Project in progress	132.66	239.22	19.20	123.88	514.96
	132.66	239.22	19.20	123.88	514.96

As at March 31, 2022

					(Rs. crore)
		Amount in intangible assets under development for period of			
	Less than 1 year	1-2 years	2-3 years	More than 3 years	Total
Project in progress	4.24	249.99	43.39	85.02	382.64
	4.24	249.99	43.39	85.02	382.64

(iv) The expected completion of the amounts lying in intangible assets under development which are delayed are as below:

As at March 31, 2023

				(Rs. crore)
	Amount in intangible assets under development to be completed in			
	Less than 1 year	1-2 years	2-3 years	More than 3 years
Project in progress :				
Sustenance projects	103.51	33.07	7.32	3.34
	103.51	33.07	7.32	3.34

As at March 31, 2022

				(Rs. crore)
	Amount in intangible assets under development to be completed in			
	Less than 1 year	1-2 years	2-3 years	More than 3 years
Project in progress :				
Sustenance projects	96.14	5.31	34.92	2.06
	96.14	5.31	34.92	2.06

[401000] Notes - Biological assets other than bearer plants

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of biological assets, agriculture produce at point of harvest and government grants related to biological assets [TextBlock]		
Depreciation method, biological assets other than bearer plants, at cost	-	-
Useful lives or depreciation rates, biological assets other than bearer plants, at cost	-	-

[611100] Notes - Financial instruments**Disclosure of financial liabilities [Table]**

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of financial liabilities [Axis]	Financial liabilities at amortised cost, class [Member]		Financial liabilities at fair value, class [Member]	
Categories of financial liabilities [Axis]	Financial liabilities at amortised cost, category [Member]		Financial liabilities at fair value through profit or loss, category [Member]	
	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Disclosure of financial liabilities [Abstract]				
Disclosure of financial liabilities [Line items]				
Financial liabilities	(A) 62,996.37	(B) 59,387.38	0	0
Financial liabilities, at fair value	0	0	65.58	91.66

Footnotes

(A)

Particulars	2022-23
Trade payables	18,082.40
Borrowings other than lease obligations	38,179.01
Other financial liabilities	6,734.96
Total	62,996.37

(B)

Particulars	2021-22
Trade payables	21,091.14
Borrowings other than lease obligations	32,275.47
Other financial liabilities	6,020.77
Total	59,387.38

Disclosure of financial liabilities [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of financial liabilities [Axis]	Financial liabilities at fair value, class [Member]	
Categories of financial liabilities [Axis]	Financial liabilities at fair value through profit or loss that meet definition of held for trading, category [Member]	
	31/03/2023	31/03/2022
Disclosure of financial liabilities [Abstract]		
Disclosure of financial liabilities [Line items]		
Financial liabilities	0	0
Financial liabilities, at fair value	(A) 65.58	(B) 91.66

Footnotes

(A)

Particulars	2022-23
Derivative instruments in hedging relationship	16.78
Derivative instruments not in hedging relationship	48.80
Total	65.58

(B)

Particulars	2021-22
Derivative instruments in hedging relationship	28.29
Derivative instruments not in hedging relationship	63.37
Total	91.66

Disclosure of financial assets [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of financial assets [Axis]	Financial assets at amortised cost, class [Member]		Trade receivables [Member]	
Categories of financial assets [Axis]	Financial assets at amortised cost, category [Member]		Financial assets at amortised cost, category [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of financial assets [Abstract]				
Disclosure of financial assets [Line items]				
Financial assets	57,406.74	53,339.52	3,351.72	3,280.3
Financial assets, at fair value	0	0	0	0
Description of other financial assets at amortised cost class	-	-	Trade receivables	Trade receivables
Description of other financial assets at fair value class	-	-	-	-

Disclosure of financial assets [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of financial assets [Axis]	Other financial assets at amortised cost class [Member]		Other financial assets at amortised cost class 1 [Member]	
Categories of financial assets [Axis]	Financial assets at amortised cost, category [Member]		Financial assets at amortised cost, category [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of financial assets [Abstract]				
Disclosure of financial assets [Line items]				
Financial assets	54,055.02	50,059.22	1,152.52	2,934.89
Financial assets, at fair value	0	0	0	0
Description of other financial assets at amortised cost class	-	-	Cash and bank balances	Cash and bank balances
Description of other financial assets at fair value class	-	-	-	-

Disclosure of financial assets [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of financial assets [Axis]	Other financial assets at amortised cost class 2 [Member]		Other financial assets at amortised cost class 3 [Member]	
Categories of financial assets [Axis]	Financial assets at amortised cost, category [Member]		Financial assets at amortised cost, category [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of financial assets [Abstract]				
Disclosure of financial assets [Line items]				
Financial assets	35,970.29	32,563.28	2,949.13	1,850.51
Financial assets, at fair value	0	0	0	0
Description of other financial assets at amortised cost class	Loans	Loans	Other financial assets	Other financial assets
Description of other financial assets at fair value class	-	-	-	-

Disclosure of financial assets [Table]

..(4)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of financial assets [Axis]	Other financial assets at amortised cost class 4 [Member]		Financial assets at fair value, class [Member]	
Categories of financial assets [Axis]	Financial assets at amortised cost, category [Member]		Financial assets at fair value through profit or loss, category [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of financial assets [Abstract]				
Disclosure of financial assets [Line items]				
Financial assets	13,983.08	12,710.54	0	0
Financial assets, at fair value	0	0	2,135.88	109.83
Description of other financial assets at amortised cost class	Investments	Investments	-	-
Description of other financial assets at fair value class	-	-	-	-

Disclosure of financial assets [Table]

..(5)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of financial assets [Axis]	Financial assets at fair value, class [Member]			
Categories of financial assets [Axis]	Financial assets at fair value through profit or loss, mandatorily measured at fair value, category [Member]		Financial assets at fair value through other comprehensive income, category [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of financial assets [Abstract]				
Disclosure of financial assets [Line items]				
Financial assets	0	0	0	0
Financial assets, at fair value	2,135.88	109.83	1,801.81	1,732.54
Description of other financial assets at amortised cost class	-	-	-	-
Description of other financial assets at fair value class	-	-	-	-

Disclosure of financial assets [Table]

..(6)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of financial assets [Axis]	Financial assets at fair value, class [Member]		Derivatives [Member]	
Categories of financial assets [Axis]	Investments in equity instruments designated at fair value through other comprehensive income [Member]		Financial assets at fair value through other comprehensive income, category [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of financial assets [Abstract]				
Disclosure of financial assets [Line items]				
Financial assets	0	0	0	0
Financial assets, at fair value	1,801.81	1,732.54	485.61	222.75
Description of other financial assets at amortised cost class	-	-	-	-
Description of other financial assets at fair value class	-	-	Derivative instruments in hedging relationship, Derivative instruments not in hedging relationship	Derivative instruments in hedging relationship, Derivative instruments not in hedging relationship

Disclosure of financial assets [Table]

..(7)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of financial assets [Axis]	Derivatives [Member]		Forward contract [Member]	
Categories of financial assets [Axis]	Investments in equity instruments designated at fair value through other comprehensive income [Member]		Financial assets at fair value through other comprehensive income, category [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of financial assets [Abstract]				
Disclosure of financial assets [Line items]				
Financial assets	0	0	0	0
Financial assets, at fair value	485.61	222.75	485.61	222.75
Description of other financial assets at amortised cost class	-	-	-	-
Description of other financial assets at fair value class	Derivative instruments in hedging relationship, Derivative instruments not in hedging relationship	Derivative instruments in hedging relationship, Derivative instruments not in hedging relationship	Derivative instruments in hedging relationship, Derivative instruments not in hedging relationship	Derivative instruments in hedging relationship, Derivative instruments not in hedging relationship

Disclosure of financial assets [Table]

..(8)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of financial assets [Axis]	Forward contract [Member]		Other financial assets at fair value class [Member]	
Categories of financial assets [Axis]	Investments in equity instruments designated at fair value through other comprehensive income [Member]		Financial assets at fair value through profit or loss, category [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of financial assets [Abstract]				
Disclosure of financial assets [Line items]				
Financial assets	0	0	0	0
Financial assets, at fair value	485.61	222.75	2,135.88	109.83
Description of other financial assets at amortised cost class	-	-	-	-
Description of other financial assets at fair value class	Derivative instruments in hedging relationship, Derivative instruments not in hedging relationship	Derivative instruments in hedging relationship, Derivative instruments not in hedging relationship	-	-

Disclosure of financial assets [Table]

..(9)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of financial assets [Axis]	Other financial assets at fair value class [Member]			
Categories of financial assets [Axis]	Financial assets at fair value through profit or loss, mandatorily measured at fair value, category [Member]		Financial assets at fair value through other comprehensive income, category [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of financial assets [Abstract]				
Disclosure of financial assets [Line items]				
Financial assets	0	0	0	0
Financial assets, at fair value	2,135.88	109.83	1,316.2	1,509.79
Description of other financial assets at amortised cost class	-	-	-	-
Description of other financial assets at fair value class	-	-	-	-

Disclosure of financial assets [Table]

..(10)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of financial assets [Axis]	Other financial assets at fair value class [Member]		Other financial assets at fair value class 1 [Member]	
Categories of financial assets [Axis]	Investments in equity instruments designated at fair value through other comprehensive income [Member]		Financial assets at fair value through profit or loss, category [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of financial assets [Abstract]				
Disclosure of financial assets [Line items]				
Financial assets	0	0	0	0
Financial assets, at fair value	1,316.2	1,509.79	2,135.88	109.83
Description of other financial assets at amortised cost class	-	-	-	-
Description of other financial assets at fair value class	-	-	Investments	Investments

Disclosure of financial assets [Table]

..(11)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of financial assets [Axis]	Other financial assets at fair value class 1 [Member]			
Categories of financial assets [Axis]	Financial assets at fair value through profit or loss, mandatorily measured at fair value, category [Member]		Financial assets at fair value through other comprehensive income, category [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of financial assets [Abstract]				
Disclosure of financial assets [Line items]				
Financial assets	0	0	0	0
Financial assets, at fair value	2,135.88	109.83	1,316.2	1,509.79
Description of other financial assets at amortised cost class	-	-	-	-
Description of other financial assets at fair value class	Investments	Investments	Investments	Investments

Disclosure of financial assets [Table]

..(12)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of financial assets [Axis]	Other financial assets at fair value class 1 [Member]	
Categories of financial assets [Axis]	Investments in equity instruments designated at fair value through other comprehensive income [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of financial assets [Abstract]		
Disclosure of financial assets [Line items]		
Financial assets	0	0
Financial assets, at fair value	1,316.2	1,509.79
Description of other financial assets at amortised cost class	-	-
Description of other financial assets at fair value class	Investments	Investments

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of financial instruments [TextBlock]	Textual information (43) [See below]	
Disclosure of financial assets [TextBlock]		
Disclosure of financial assets [Abstract]		
Disclosure of financial liabilities [TextBlock]		
Disclosure of financial liabilities [Abstract]		
Income, expense, gains or losses of financial instruments [Abstract]		
Gains (losses) on financial instruments [Abstract]		
Other comprehensive income, before tax, gains (losses) from investments in equity instruments	-193.59	654.92
Disclosure of credit risk [TextBlock]		
Disclosure of reconciliation of changes in loss allowance and explanation of changes in gross carrying amount for financial instruments [TextBlock]		
Disclosure of reconciliation of changes in loss allowance and explanation of changes in gross carrying amount for financial instruments [Abstract]		
Disclosure of credit risk exposure [TextBlock]		
Disclosure of credit risk exposure [Abstract]		
Disclosure of provision matrix [TextBlock]		
Disclosure of provision matrix [Abstract]		
Disclosure of financial instruments by type of interest rate [TextBlock]		
Disclosure of financial instruments by type of interest rate [Abstract]		

Textual information (43)

Disclosure of financial instruments [Text Block]

1. Capital management

The Company's capital management is intended to create value for shareholders by facilitating the achievement of long-term and short-term goals of the Company.

The Company determines the amount of capital required on the basis of annual business plan coupled with long-term and short-term strategic investment and expansion plans. The funding needs are met through equity, cash generated from operations, long-term and short-term bank borrowings and issue of non-convertible debt securities.

The Company monitors the capital structure on the basis of net debt to equity ratio and maturity profile of the overall debt portfolio of the Company.

Net debt includes interest bearing borrowings including lease obligations less cash and cash equivalents, other bank balances (including non-current earmarked balances) and current investments.

The table below summarises the capital, net debt and net debt to equity ratio of the Company.

		(Rs. crore)
	As at March 31, 2023	As at March 31, 2022
Equity share capital	1,222.40	1,222.37
Other equity	1,33,575.11	1,24,211.39
Total equity (A)	1,34,797.51	1,25,433.76
Non-current borrowings	30,880.89	20,290.81
Non-current lease obligations	3,649.33	3,726.90
Current borrowings	7,298.12	11,984.66
Current lease obligations	544.05	522.14
Gross debt (B)	42,372.39	36,524.51
Total capital (A+B)	1,77,169.90	1,61,958.27
Gross debt as above	42,372.39	36,524.51
Less: Current investments	2,050.40	96.11
Less: Cash and cash equivalents	858.98	2,671.59
Less: Other balances with banks (including non-current earmarked balances)	293.54	263.30
Net debt (C)	39,169.47	33,493.51
Net debt to equity (i)	0.30	0.30

(i) Net debt to equity ratio as at March 31, 2023 and March 31, 2022 has been computed based on average of opening and closing equity.

2. Disclosures on financial instruments

This section gives an overview of the significance of financial instruments for the Company and provides additional information on balance sheet items that contain financial instruments.

The details of significant accounting policies, including the criteria for recognition, basis of measurement and the basis on which income and expenses are recognised in respect of each class of financial asset, financial liability and equity instrument are disclosed in note 2(n), page F34 to the financial statements.

(a) Financial assets and liabilities

The following tables presents the carrying value and fair value of each category of financial assets and liabilities as at March 31, 2023 and March 31, 2022.

As at March 31, 2023

							(Rs. crore)
	Amortised cost	Fair value through other comprehensive income	Derivative instruments in hedging relationship	Derivative instruments not in hedging relationship	Fair value through profit and loss	Total carrying value	Total fair value
Financial assets:							
Cash and bank balances	1,152.52	-	-	-	-	1,152.52	1,152.52
Trade receivables	3,351.72	-	-	-	-	3,351.72	3,351.72
Investments	13,983.08	1,316.20	-	-	2,135.88	17,435.16	15,492.96
Derivatives	-	-	185.81	299.80	-	485.61	485.61
Loans	35,970.29	-	-	-	-	35,970.29	29,063.18
Other financial assets	2,949.13	-	-	-	-	2,949.13	2,949.13
	57,406.74	1,316.20	185.81	299.80	2,135.88	61,344.43	52,495.12
Financial liabilities:							
Trade payables	18,082.40	-	-	-	-	18,082.40	18,082.40
Borrowings other than lease obligations	38,179.01	-	-	-	-	38,179.01	38,161.84
Derivatives	-	-	16.78	48.80	-	65.58	65.58
Other financial liabilities	6,734.96	-	-	-	-	6,734.96	6,734.96
	62,996.37	-	16.78	48.80	-	63,061.95	63,044.78

As at March 31, 2022

							(Rs. crore)
--	--	--	--	--	--	--	-------------

	Amortised cost	Fair value through other comprehensive income	Derivative instruments in hedging relationship	Derivative instruments not in hedging relationship	Fair value through profit and loss	Total carrying value	Total fair value
Financial assets:							
Cash and bank balances	2,934.89	-	-	-	-	2,934.89	2,934.89
Trade receivables	3,280.30	-	-	-	-	3,280.30	3,280.30
Investments	12,710.54	1,509.79	-	-	109.83	14,330.16	14,330.16
Derivatives	-	-	109.56	113.19	-	222.75	222.75
Loans	32,563.28	-	-	-	-	32,563.28	32,563.28
Other financial assets	1,850.51	-	-	-	-	1,850.51	1,850.51
	53,339.52	1,509.79	109.56	113.19	109.83	55,181.89	55,181.89
Financial liabilities:							
Trade payables	21,091.14	-	-	-	-	21,091.14	21,091.14
Borrowings other than lease obligations	32,275.47	-	-	-	-	32,275.47	33,092.94
Derivatives	-	-	28.29	63.37	-	91.66	91.66
Other financial liabilities	6,020.77	-	-	-	-	6,020.77	6,020.77
	59,387.38	-	28.29	63.37	-	59,479.04	60,296.51

(i) Investments in mutual funds and derivative instruments (other than those designated in a hedging relationship) are mandatorily classified as fair value through profit and loss.

(b) Fair value hierarchy

The following table provides an analysis of financial instruments that are measured subsequent to initial recognition at fair value, grouped into Level 1 to Level 3, as described below:

Quoted prices in an active market (Level 1): This level of hierarchy includes financial assets that are measured by reference to quoted prices (unadjusted) in active markets for identical assets or liabilities. This category consists of investment in quoted equity shares and mutual funds.

Valuation techniques with observable inputs (Level 2): This level of hierarchy includes financial assets and liabilities, measured using inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly (i.e., as prices) or indirectly (i.e., derived from prices). This level of hierarchy includes the Company's over-the-counter (OTC) derivative contracts.

Valuation techniques with significant unobservable inputs (Level 3): This level of hierarchy includes financial assets and liabilities measured using inputs that are not based on observable market data (unobservable inputs). Fair value is determined in whole or in part, using a valuation model based on assumptions that are neither supported by prices from observable current market transactions in the same instrument nor are they based on available market data. This Level includes investment in unquoted equity shares and preference shares.

(Rs. crore)

	As at March 31, 2023			
	Level 1	Level 2	Level 3	Total
Financial assets:				
Investments in mutual funds	2,050.40	-	-	2,050.40
Investments in equity shares	988.94	-	327.26	1,316.20
Investments in preference shares	-	-	85.48	85.48
Derivative financial assets	-	485.61	-	485.61
	3,039.34	485.61	412.74	3,937.69
Financial liabilities:				
Derivative financial liabilities	-	65.58	-	65.58
	-	65.58	-	65.58
				(Rs. crore)
	As at March 31, 2022			
	Level 1	Level 2	Level 3	Total
Financial assets:				
Investments in mutual funds	96.11	-	-	96.11
Investments in equity shares	1,182.53	-	327.26	1,509.79
Investments in preference shares	-	-	13.72	13.72
Derivative financial assets	-	222.75	-	222.75
	1,278.64	222.75	340.98	1,842.37
Financial liabilities:				
Derivative financial liabilities	-	91.66	-	91.66
	-	91.66	-	91.66

(i) Current financial assets and liabilities are stated at carrying value which is approximately equal to their fair value.

(ii) Derivatives are fair valued using market observable rates and published prices together with forecasted cash flow information where applicable.

(iii) Investments carried at fair value are generally based on market price quotations. Investments in equity and preference shares included in Level 3 of the fair value hierarchy have been valued using the cost approach to arrive at their fair value. Cost of unquoted equity instruments has been considered as an appropriate estimate of fair value because of a wide range of possible fair value measurements and cost represents the best estimate of fair value within that range.

(iv) Fair value of borrowings which have a quoted market price in an active market is based on its market price which is categorised as Level 1. Fair value of borrowings which do not have an active market or are unquoted is estimated by discounting expected future cash flows using a discount rate equivalent to the risk-free rate of return adjusted for credit spread considered by lenders for instruments of similar maturities which is categorised as Level 2 in the fair value hierarchy.

(v) Management uses its best judgement in estimating the fair value of its financial instruments. However, there are inherent limitations in any estimation technique. Therefore, for substantially all financial instruments, the fair value estimates presented above are not necessarily indicative of the amounts that the Company could have realised or paid in sale transactions as of respective dates. As such, fair value of financial

instruments subsequent to the reporting dates may be different from the amounts reported at each reporting date.

(vi) There have been no transfers between Level 1 and Level 2 for the years ended March 31, 2023 and March 31, 2022.

(vii) Reconciliation of Level 3 fair value measurement is as below:

		(Rs. crore)
	Year ended March 31, 2023	Year ended March 31, 2022
Balance at the beginning of the year	340.98	352.37
Additions during the year	40.77	13.72
Fair value changes through profit or loss	30.99	-
Reclassification during the year*	-	(25.11)
Balance at the end of the year	412.74	340.98

* represents investment held in preference shares of a subsidiary, measured at fair value through profit and loss, reclassified as investments in subsidiaries.

(c) Derivative financial instruments

Derivative instruments used by the Company include forward exchange contracts, interest rate swaps, currency swaps, options and interest rate caps and collars. These financial instruments are utilised to hedge future transactions and cash flows and are subject to hedge accounting under Ind AS 109 "Financial Instruments" wherever possible. The Company does not hold or issue derivative financial instruments for trading purposes. All transactions in derivative financial instruments are undertaken to manage risks arising from underlying business activities.

The following table sets out the fair value of derivatives held by the Company as at the end of each reporting period:

				(Rs. crore)
	As at March 31, 2023		As at March 31, 2022	
	Assets	Liabilities	Assets	Liabilities
(a) Foreign currency forwards, swaps and options	301.44	65.58	115.66	91.66
(b) Interest rate swaps and collars	184.17	-	107.09	-
	485.61	65.58	222.75	91.66
Classified as:				
Non-current	403.40	-	133.21	10.18
Current	82.21	65.58	89.54	81.48

As at the end of the reporting period total notional amount of outstanding foreign currency contracts, interest rate swaps and collars that the Company has committed to is as below:

		(US\$ million)
	As at March 31, 2023	As at March 31, 2022
(i) Foreign currency forwards, swaps and options	2,004.89	3,170.68
(ii) Interest rate swaps and collars	440.00	440.00
	2,444.89	3,610.68

(d) Transfer of financial assets

The Company transfers certain trade receivables under discounting arrangements with banks/financial institutions. Some of such arrangements do not qualify for de-recognition due to recourse arrangements being in place. Consequently, the proceeds received from transfer are recorded as short-term borrowings from banks and financial institutions. As at March 31, 2023 and March 31, 2022, there has been no such transfer of trade receivables.

(e) Financial risk management

In the course of its business, the Company is exposed primarily to fluctuations in foreign currency exchange rates, interest rates, equity prices, liquidity and credit risk, which may adversely impact the fair value of its financial instruments.

The Company has a risk management policy which not only covers the foreign exchange risks but also other risks associated with the financial assets and liabilities such as interest rate risks and credit risks. The risk management policy is approved by the Board of Directors. The risk management framework aims to:

(i) create a stable business planning environment by reducing the impact of currency and interest rate fluctuations on the Company's business plan.

(ii) achieve greater predictability to earnings by determining the financial value of the expected earnings in advance.

(i) Market risk:

Market risk is the risk of any loss in future earnings, in realising fair values or in future cash flows that may result from a change in the price of a financial instrument. The value of a financial instrument may change as a result of changes in interest rates, foreign currency exchange rates, equity price fluctuations, liquidity and other market changes. Future specific market movements cannot be normally predicted with reasonable accuracy.

(a) Market risk - Foreign currency exchange rate risk:

The fluctuation in foreign currency exchange rates may have a potential impact on the statement of profit and loss and equity, where any transaction references more than one currency or where assets/ liabilities are denominated in a currency other than the functional currency of the Company.

The Company, as per its risk management policy, uses foreign exchange forwards and other derivative instruments primarily to hedge foreign exchange and interest rate exposure. Any weakening of the functional currency may impact the Company's cost of imports and cost of borrowings and consequently may increase the cost of financing the Company's capital expenditures.

A 10% appreciation/depreciation of foreign currencies with respect to functional currency of the Company would result in an increase/decrease in the Company's net profit/equity before considering tax impacts by approximately Rs.3,380.99 crore for the year ended March 31, 2023 (March 31, 2022: Rs.3,103.46 crore).

The foreign exchange rate sensitivity is calculated by assuming a simultaneous parallel foreign exchange rates shift of all the currencies by 10% against the functional currency of the Company.

The sensitivity analysis has been based on the composition of the Company's financial assets and liabilities as at March 31, 2023 and March 31, 2022 excluding trade payables, trade receivables, other derivative and non-derivative financial instruments not forming part of debt and which do not present a material exposure. The period end balances are not necessarily representative of the average balance outstanding during the period.

(b) Market risk - Interest rate risk:

Interest rate risk is measured by using the cash flow sensitivity for changes in variable interest rates. Any movement in the reference rates could have an impact on the Company's cash flows as well as costs. The Company is subject to variable interest rates on some of its interest bearing

liabilities. The Company's interest rate exposure is mainly related to debt obligations.

Based on the composition of debt as at March 31, 2023 and March 31, 2022, a 100 basis points increase in interest rates would increase the Company's finance costs (before considering interest eligible for capitalisation) and consequently reduce net profit/equity before considering tax impacts by approximately Rs.200.67 crore for the year ended March 31, 2023 (2021-22: Rs.127.94 crore).

The risk estimates provided assume a parallel shift of 100 basis points interest rate across all yield curves. This calculation also assumes that the change occurs at the balance sheet date and has been calculated based on risk exposures outstanding as at that date. The period end balances are not necessarily representative of the average debt outstanding during the period.

(c) Market risk - Equity price risk:

Equity price risk is related to change in market reference price of investments in equity securities held by the Company.

The fair value of quoted investments held by the Company exposes the Company to equity price risks. In general, these investments are not held for trading purposes.

The fair value of quoted investments in equity, classified as fair value through other comprehensive income as at March 31, 2023 and March 31, 2022 was Rs.988.94 crore and Rs.1,182.53 crore, respectively.

A 10% change in equity prices of such securities held as at March 31, 2023 and March 31, 2022, would result in an impact of Rs.98.89 crore and Rs.118.25 crore respectively on equity before considering tax impact.

(ii) Credit risk:

Credit risk is the risk of financial loss arising from counter-party failure to repay or service debt according to the contractual terms or obligations. Credit risk encompasses both the direct risk of default and the risk of deterioration of credit worthiness as well as concentration risks.

The Company has a policy of dealing only with credit worthy counter parties and obtaining sufficient collateral, where appropriate as a means of mitigating the risk of financial loss from defaults.

Financial instruments that are subject to credit risk and concentration thereof principally consist of trade receivables, loans receivables, investments in debt securities and mutual funds, balances with bank, bank deposits, derivatives and financial guarantees provided by the Company. None of the financial instruments of the Company result in material concentration of credit risk except investment in preference shares made by the Company in its subsidiary companies and loans provided to a wholly owned subsidiary.

The carrying value of financial assets represents the maximum credit risk. The maximum exposure to credit risk was Rs.59,976.59 crore and Rs.53,622.75 crore, as at March 31, 2023 and March 31, 2022 respectively, being the total carrying value of trade receivables, balances with bank, bank deposits, investments in debt securities, mutual funds, loans, derivative assets and other financial assets.

The risk relating to trade receivables is presented in note 12, page F66.

The Company's exposure to customers is diversified and no single customer, other than a subsidiary contributes to more than 10% of outstanding trade receivables as at March 31, 2023 and March 31, 2022.

In respect of financial guarantees provided by the Company to banks/financial institutions, the maximum exposure which the Company is exposed to is the maximum amount which the Company would have to pay if the guarantee is called upon. Based on the expectation at the end of the reporting period, the Company considers that it is more likely than not that such an amount will not be payable under the guarantees provided.

(iii) Liquidity risk:

Liquidity risk refers to the risk that the Company cannot meet its financial obligations. The objective of liquidity risk management is to maintain sufficient liquidity and ensure that funds are available for use as per requirements.

The Company has obtained fund and non-fund based working capital lines from various banks. Furthermore, the Company have access to undrawn lines of committed and uncommitted borrowing/ facilities, funds from debt markets through commercial paper programs, non-convertible debentures and other debt instruments. The Company invests its surplus funds in bank fixed deposits and in mutual funds, which carry no or low market risk.

The Company also constantly monitors funding options available in the debt and capital markets with a view to maintaining financial flexibility.

The Company's liquidity position remains strong at Rs.19,968.92 crore as at March 31, 2023, comprising Rs.3,202.92 crore in the form of current investments, cash and cash equivalents and other balances with banks (including non-current earmarked balances) and Rs.16,766.00 crore in committed undrawn bank lines.

The following table shows a maturity analysis of the anticipated cash flows including interest obligations for the Company's derivative and non-derivative financial liabilities on an undiscounted basis, which therefore differ from both carrying value and fair value. Floating rate interest is estimated using the prevailing interest rate at the end of the reporting period. Cash flows in foreign currencies are translated using the period end spot rates:

					(Rs. crore)
	As at March 31, 2023				
	Carrying value	Contractual cash flows	Less than one year	Between one to five years	More than five years
Non-derivative financial liabilities:					
Borrowings other than lease obligation including interest obligations	38,887.12	53,526.26	10,105.14	19,853.41	23,567.71
Lease obligations including interest obligations	4,233.67	7,516.98	544.05	3,342.71	3,630.22
Trade payables	18,082.40	18,082.40	18,082.40	-	-
Other financial liabilities	5,986.56	6,304.62	5,057.75	788.02	458.85
	67,189.75	85,430.26	33,789.34	23,984.14	27,656.78
Derivative financial liabilities	65.58	65.58	65.58	-	-
					(Rs. crore)
	As at March 31, 2022				
	Carrying value	Contractual cash flows	Less than one year	Between one to five years	More than five years
Non-derivative financial liabilities:					
Borrowings other than lease obligation including interest obligations	32,812.21	40,185.40	13,521.23	14,301.23	12,362.94
Lease obligations including interest obligations	4,281.28	7,806.98	990.52	2,711.25	4,105.21
Trade payables	21,091.14	21,091.14	21,091.14	-	-
Other financial liabilities	5,451.79	5,451.79	4,568.56	651.79	231.44
	63,636.42	74,535.31	40,171.45	17,664.27	16,699.59
Derivative financial liabilities	91.66	91.66	81.48	10.18	-

(f) The details of financial assets and liabilities held by the Company as per amendments on account of interest rate benchmark reforms which are indexed to Interbank offered rates (IBOR) as at March 31, 2023 and March 31, 2022 are as below:

As at March 31, 2023

				(Rs. crore)
	Carrying value as at March 31, 2023		Of which: Have yet to transition to an alternative benchmark interest rate as at March 31, 2023	
	Assets	Liabilities	Assets	Liabilities
Non-derivative instruments:				
Intercompany deposits to group companies	33,813.98	-	32,170.53	-
Long-term borrowings	-	3,616.03	-	3,616.03
Short-term coal purchase arrangements	-	4,004.72	-	-
	33,813.98	7,620.75	32,170.53	3,616.03
Derivative Instruments:				
MTM of derivative assets/ liabilities exposed to USD LIBOR	184.17	-	184.17	-
	184.17	-	184.17	-

As at March 31, 2022

				(Rs. crore)
	Carrying value as at March 31, 2022		Of which: Have yet to transition to an alternative benchmark interest rate as at March 31, 2022	
	Assets	Liabilities	Assets	Liabilities
Non-derivative instruments:				
Intercompany deposits to group companies	31,183.47	-	29,667.87	-
Long-term borrowings	-	3,335.09	-	3,335.09
Short-term coal purchase arrangements	-	1,433.89	-	1,433.89
	31,183.47	4,768.98	29,667.87	4,768.98
Derivative Instruments:				
MTM of derivative assets/ liabilities exposed to USD LIBOR	110.63	8.90	110.63	8.90
	110.63	8.90	110.63	8.90

[400400] Notes - Non-current investments**Details of non-current investments [Table]**

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 1		Non Current Investment 2	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Quoted	Quoted	Quoted	Quoted
Non-current investments	430.09	430.09	1,360.58	1,360.58
Name of body corporate in whom investment has been made	Tata Metaliks Ltd.	Tata Metaliks Ltd.	Tata Steel Long Products Limited	Tata Steel Long Products Limited
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Subsidiary	Subsidiary	Subsidiary	Subsidiary
Number of shares of non-current investment made in body corporate	[shares] 1,89,57,090	[shares] 1,89,57,090	[shares] 3,37,86,521	[shares] 3,37,86,521

Details of non-current investments [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 3		Non Current Investment 4	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Quoted	Quoted	Quoted	Quoted
Non-current investments	0	0	395.02	395.02
Name of body corporate in whom investment has been made	Tayo Rolls Limited	Tayo Rolls Limited	The Tinsplate Company of India Limited	The Tinsplate Company of India Limited
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Subsidiary	Subsidiary	Subsidiary	Subsidiary
Number of shares of non-current investment made in body corporate	[shares] 55,87,372	[shares] 55,87,372	[shares] 7,84,57,640	[shares] 7,84,57,640

Details of non-current investments [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 5		Non Current Investment 6	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	1.08	1.08	10	10
Name of body corporate in whom investment has been made	ABJA Investment Co. Pte. Ltd.	ABJA Investment Co. Pte. Ltd.	(A) Angul Energy Limited	(B) Angul Energy Limited
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Subsidiary	Subsidiary	Subsidiary	Subsidiary
Number of shares of non-current investment made in body corporate	[shares] 2,00,000	[shares] 2,00,000	[shares] 99,99,904	[shares] 99,99,904

Footnotes

(A) formerly Bhushan Energy Limited

(B) formerly Bhushan Energy Limited

Details of non-current investments [Table]

..(4)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 7		Non Current Investment 8	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	321.73	321.73	244.45	244.45
Name of body corporate in whom investment has been made	Bhubaneshwar Power Private Limited	Bhubaneshwar Power Private Limited	Bhushan Steel (Australia) Pty Limited	Bhushan Steel (Australia) Pty Limited
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Subsidiary	Subsidiary	Subsidiary	Subsidiary
Number of shares of non-current investment made in body corporate	[shares] 23,69,86,703	[shares] 23,69,86,703	[shares] 4,73,69,796	[shares] 4,73,69,796

Details of non-current investments [Table]

..(5)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 9		Non Current Investment 10	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	1.3	1.3	91.88	91.88
Name of body corporate in whom investment has been made	Bhushan Steel (South) Limited	Bhushan Steel (South) Limited	Creative Port Development Private Limited	Creative Port Development Private Limited
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Subsidiary	Subsidiary	Subsidiary	Subsidiary
Number of shares of non-current investment made in body corporate	[shares] 13,00,000	[shares] 13,00,000	[shares] 1,27,500	[shares] 1,27,500

Details of non-current investments [Table]

..(6)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 11		Non Current Investment 12	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	40.8	40.8	0.77	0.77
Name of body corporate in whom investment has been made	Jamshedpur Football and Sporting Private Limited	Jamshedpur Football and Sporting Private Limited	Medica TS Hospital Private Limited	Medica TS Hospital Private Limited
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Subsidiary	Subsidiary	Subsidiary	Subsidiary
Number of shares of non-current investment made in body corporate	[shares] 4,08,00,000	[shares] 4,08,00,000	[shares] 7,70,200	[shares] 7,70,200

Details of non-current investments [Table]

..(7)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 13		Non Current Investment 14	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	0	0	0	773.86
Name of body corporate in whom investment has been made	Mohar Exports Services Pvt Ltd	Mohar Exports Services Pvt Ltd	NatSteel Asia Pte. Ltd.	NatSteel Asia Pte. Ltd.
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Subsidiary	Subsidiary	Subsidiary	Subsidiary
Number of shares of non-current investment made in body corporate	[shares] 3,352	[shares] 3,352	[shares] 0	[shares] 28,14,37,128

Details of non-current investments [Table]

..(8)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 15		Non Current Investment 16	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	348.87	0	47.82	0
Name of body corporate in whom investment has been made	Neelachal Ispat Nigam Limited	Neelachal Ispat Nigam Limited	Neelachal Ispat Nigam Limited	Neelachal Ispat Nigam Limited
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Subsidiary	Subsidiary	Subsidiary	Subsidiary
Number of shares of non-current investment made in body corporate	[shares] 5,80,48,492	[shares] 0	[shares] 1,38,52,000	[shares] 0

Details of non-current investments [Table]

..(9)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 17		Non Current Investment 18	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	60.4	60.4	18.53	0
Name of body corporate in whom investment has been made	Rujuvalika Investments Limited	Rujuvalika Investments Limited	S & T Mining Company Limited	S & T Mining Company Limited
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Subsidiary	Subsidiary	Subsidiary	Subsidiary
Number of shares of non-current investment made in body corporate	[shares] 13,28,800	[shares] 13,28,800	[shares] 3,70,53,800	[shares] 0

Details of non-current investments [Table]

..(10)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 19		Non Current Investment 20	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	17.01	17.01	(A) 10,390.47	(B) 11,453
Name of body corporate in whom investment has been made	Subarnarekha Port Private Limited	Subarnarekha Port Private Limited	T Steel Holdings Pte. Ltd.	T Steel Holdings Pte. Ltd.
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Subsidiary	Subsidiary	Subsidiary	Subsidiary
Number of shares of non-current investment made in body corporate	[shares] 4,24,183	[shares] 4,24,183	[shares] 731,21,21,292	[shares] 731,21,21,292

Footnotes

(A)

Particulars	2022-23
T Steel Holdings Pte. Ltd.	12,724.26
Aggregate provision for impairment in value of investments	-2,333.79
Total	10,390.47

(B)

Particulars	2021-22
T Steel Holdings Pte. Ltd.	12,724.26
Aggregate provision for impairment in value of investments	-1,271.26
Total	11,453.00

Details of non-current investments [Table]

..(11)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 21		Non Current Investment 22	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	8,990.63	8,990.63	0	0
Name of body corporate in whom investment has been made	T Steel Holdings Pte. Ltd.	T Steel Holdings Pte. Ltd.	Tata Korf Engineering Services Ltd	Tata Korf Engineering Services Ltd
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Subsidiary	Subsidiary	Subsidiary	Subsidiary
Number of shares of non-current investment made in body corporate	[shares] 125,80,00,000	[shares] 125,80,00,000	[shares] 3,99,986	[shares] 3,99,986

Details of non-current investments [Table]

..(12)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 23		Non Current Investment 24	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	72.02	0	2,530.06	2,520.06
Name of body corporate in whom investment has been made	(A) Tata Steel Advanced Materials Limited	(B) Tata Steel Advanced Materials Limited	Tata Steel Downstream Products Limited	Tata Steel Downstream Products Limited
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Subsidiary	Subsidiary	Subsidiary	Subsidiary
Number of shares of non-current investment made in body corporate	[shares] 5,62,23,166	[shares] 0	[shares] 24,30,39,683	[shares] 24,23,27,940

Footnotes

(A) formerly Tata Steel Odisha Limited

(B) formerly Tata Steel Odisha Limited

Details of non-current investments [Table]

..(13)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 25		Non Current Investment 26	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	1	1	1,604.69	905.62
Name of body corporate in whom investment has been made	Tata Steel Foundation	Tata Steel Foundation	Tata Steel Mining Limited	Tata Steel Mining Limited
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Subsidiary	Subsidiary	Subsidiary	Subsidiary
Number of shares of non-current investment made in body corporate	[shares] 10,00,000	[shares] 10,00,000	[shares] 85,01,15,454	[shares] 48,50,71,068

Details of non-current investments [Table]

..(14)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 27		Non Current Investment 28	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	0.05	0.05	0.05	0.05
Name of body corporate in whom investment has been made	(A) Tata Steel Support Services Limited	(B) Tata Steel Support Services Limited	(C) Tata Steel Technical Services Limited	(D) Tata Steel Technical Services Limited
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Subsidiary	Subsidiary	Subsidiary	Subsidiary
Number of shares of non-current investment made in body corporate	[shares] 49,990	[shares] 49,990	[shares] 49,990	[shares] 49,990

Footnotes

(A) formerly Bhushan Steel (Orissa) Limited

(B) formerly Bhushan Steel (Orissa) Limited

(C) formerly Bhushan Steel Madhya Bharat Limited

(D) formerly Bhushan Steel Madhya Bharat Limited

Details of non-current investments [Table]

..(15)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 29		Non Current Investment 30	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments	Investment in subsidiaries equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	853.1	785.1	3.08	3.08
Name of body corporate in whom investment has been made	Tata Steel Utilities and Infrastructure Services Limited	Tata Steel Utilities and Infrastructure Services Limited	The Indian Steel & Wire Products Ltd	The Indian Steel & Wire Products Ltd
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Subsidiary	Subsidiary	Subsidiary	Subsidiary
Number of shares of non-current investment made in body corporate	[shares] 6,32,16,337	[shares] 6,00,53,547	[shares] 56,92,651	[shares] 56,92,651

Details of non-current investments [Table]

..(16)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 31		Non Current Investment 32	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in subsidiaries preference shares	Investment in subsidiaries preference shares	Investment in subsidiaries preference shares	Investment in subsidiaries preference shares
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	222.11	174.11	49.23	49.23
Name of body corporate in whom investment has been made	Creative Port Development Private Limited	Creative Port Development Private Limited	Medica TS Hospital Private Limited	Medica TS Hospital Private Limited
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Subsidiary	Subsidiary	Subsidiary	Subsidiary
Number of shares of non-current investment made in body corporate	[shares] 2,22,10,830	[shares] 1,74,10,830	[shares] 4,92,29,800	[shares] 4,92,29,800

Details of non-current investments [Table]

..(17)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 33		Non Current Investment 34	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Quoted	Quoted	Unquoted	Unquoted
Non-current investments	(A) 85.84	(B) 0	(C) 0	(D) 0
Name of body corporate in whom investment has been made	TRF Limited.	TRF Limited.	Bhushan Capital & Credit Services Private Limited	Bhushan Capital & Credit Services Private Limited
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Associate	Associate	Associate	Associate
Number of shares of non-current investment made in body corporate	[shares] 37,53,275	[shares] 37,53,275	[shares] 86,43,742	[shares] 86,43,742

Footnotes

(A)

Particulars	2022-23
TRF Limited.	204.02
Aggregate provision for impairment in value of investments	-118.18
Total	85.84

(B)

Particulars	2021-22
TRF Limited.	5.79
Aggregate provision for impairment in value of investments	-5.79
Total	0.00

(C)

Particulars	2022-23
Bhushan Capital & Credit Services Private Limited	9.40
Aggregate provision for impairment in value of investments	-9.40
Total	0.00

(D)

Particulars	2021-22
Bhushan Capital & Credit Services Private Limited	9.40
Aggregate provision for impairment in value of investments	-9.40
Total	0.00

Details of non-current investments [Table]

..(18)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 35		Non Current Investment 36	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	(A) 0	(B) 0	0	0
Name of body corporate in whom investment has been made	Jawahar Credit & Holdings Private Limited	Jawahar Credit & Holdings Private Limited	Kalinga Aquatic Ltd	Kalinga Aquatic Ltd
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Associate	Associate	Associate	Associate
Number of shares of non-current investment made in body corporate	[shares] 86,43,742	[shares] 86,43,742	[shares] 10,49,920	[shares] 10,49,920

Footnotes

(A)

Particulars	2022-23
Jawahar Credit & Holdings Private Limited	9.40
Aggregate provision for impairment in value of investments	-9.40
Total	0.00

(B)

Particulars	2021-22
Jawahar Credit & Holdings Private Limited	9.40
Aggregate provision for impairment in value of investments	-9.40
Total	0.00

Details of non-current investments [Table]

..(19)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 37		Non Current Investment 38	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	0	0	0	0
Name of body corporate in whom investment has been made	Kumardhubi Fireclay and Silica Works Ltd.	Kumardhubi Fireclay and Silica Works Ltd.	Kumardhubi Metal Casting and Engineering Ltd.	Kumardhubi Metal Casting and Engineering Ltd.
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Associate	Associate	Associate	Associate
Number of shares of non-current investment made in body corporate	[shares] 1,50,001	[shares] 1,50,001	[shares] 10,70,000	[shares] 10,70,000

Details of non-current investments [Table]

..(20)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 39		Non Current Investment 40	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	0	0	(A) 0	(B) 0
Name of body corporate in whom investment has been made	Malusha Travels Pvt Ltd	Malusha Travels Pvt Ltd	Strategic Energy Technology Systems Private Limited	Strategic Energy Technology Systems Private Limited
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Associate	Associate	Associate	Associate
Number of shares of non-current investment made in body corporate	[shares] 3,352	[shares] 3,352	[shares] 2,56,14,500	[shares] 2,56,14,500

Footnotes

(A)

Particulars	2022-23
Strategic Energy Technology Systems Private Limited	0.91
Aggregate provision for impairment in value of investments	-0.91
Total	0.00

(B)

Particulars	2021-22
Strategic Energy Technology Systems Private Limited	0.91
Aggregate provision for impairment in value of investments	-0.91
Total	0.00

Details of non-current investments [Table]

..(21)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 41		Non Current Investment 42	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies preference shares	Investment in other Indian companies preference shares
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	0	0	25	0
Name of body corporate in whom investment has been made	Tata Construction Projects Limited	Tata Construction Projects Limited	TRF Limited.	TRF Limited.
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Associate	Associate	Associate	Associate
Number of shares of non-current investment made in body corporate	[shares] 11,97,699	[shares] 11,97,699	[shares] 2,50,00,000	[shares] 0

Details of non-current investments [Table]

..(22)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 43		Non Current Investment 44	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	(A) 0	(B) 0	173.16	173.16
Name of body corporate in whom investment has been made	Andal East Coal Company Private Limited	Andal East Coal Company Private Limited	Industrial Energy Limited	Industrial Energy Limited
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Joint Venture	Joint Venture	Joint Venture	Joint Venture
Number of shares of non-current investment made in body corporate	[shares] 3,30,000	[shares] 3,30,000	[shares] 17,31,60,000	[shares] 17,31,60,000

Footnotes

(A)

Particulars	2022-23
Andal East Coal Company Private Limited	1.46
Aggregate provision for impairment in value of investments	-1.46
Total	0.00

(B)

Particulars	2021-22
Andal East Coal Company Private Limited	1.46
Aggregate provision for impairment in value of investments	-1.46
Total	0.00

Details of non-current investments [Table]

..(23)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 45		Non Current Investment 46	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	4	4	0	(A) 0
Name of body corporate in whom investment has been made	mjunction services limited	mjunction services limited	S & T Mining Company Private Limited	S & T Mining Company Private Limited
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Joint Venture	Joint Venture	Joint Venture	Joint Venture
Number of shares of non-current investment made in body corporate	[shares] 40,00,000	[shares] 40,00,000	[shares] 1,85,26,900	[shares] 1,85,26,900

Footnotes

(A)

Particulars	2021-22
S & T Mining Company Private Limited	18.53
Aggregate provision for impairment in value of investments	-18.53
Total	0.00

Details of non-current investments [Table]

..(24)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 47		Non Current Investment 48	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	350.14	350.14	9.18	9.18
Name of body corporate in whom investment has been made	Tata NYK Shipping Pte Ltd.	Tata NYK Shipping Pte Ltd.	TM International Logistics Limited	TM International Logistics Limited
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Joint Venture	Joint Venture	Joint Venture	Joint Venture
Number of shares of non-current investment made in body corporate	[shares] 6,51,67,500	[shares] 6,51,67,500	[shares] 91,80,000	[shares] 91,80,000

Details of non-current investments [Table]

..(25)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 49		Non Current Investment 50	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Quoted	Quoted	Quoted	Quoted
Non-current investments	22.76	18.07	2.07	1.89
Name of body corporate in whom investment has been made	CARE Ratings Limited	CARE Ratings Limited	Housing Development Finance Corporation Ltd.	Housing Development Finance Corporation Ltd.
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Other	Other	Other	Other
Number of shares of non-current investment made in body corporate	[shares] 3,54,000	[shares] 3,54,000	[shares] 7,900	[shares] 7,900

Details of non-current investments [Table]

..(26)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 51		Non Current Investment 52	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Quoted	Quoted	Quoted	Quoted
Non-current investments	160.82	176.14	15	17.5
Name of body corporate in whom investment has been made	Steel Strips Wheels Limited	Steel Strips Wheels Limited	Tata Consultancy Services Limited	Tata Consultancy Services Limited
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Other	Other	Other	Other
Number of shares of non-current investment made in body corporate	[shares] 1,08,69,720	[shares] 21,73,944	[shares] 46,798	[shares] 46,798

Details of non-current investments [Table]

..(27)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 53		Non Current Investment 54	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Quoted	Quoted	Quoted	Quoted
Non-current investments	39.78	30.93	4.2	4.34
Name of body corporate in whom investment has been made	Tata Investment Corporation Limited	Tata Investment Corporation Limited	Tata Motors Ltd.	Tata Motors Ltd.
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Other	Other	Other	Other
Number of shares of non-current investment made in body corporate	[shares] 2,28,015	[shares] 2,28,015	[shares] 1,00,000	[shares] 1,00,000

Details of non-current investments [Table]

..(28)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 55		Non Current Investment 56	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Quoted	Quoted	Quoted	Quoted
Non-current investments	744.31	933.66	0	0
Name of body corporate in whom investment has been made	The Tata Power Company Ltd.	The Tata Power Company Ltd.	Timken India Ltd.	Timken India Ltd.
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Other	Other	Other	Other
Number of shares of non-current investment made in body corporate	[shares] 3,91,22,725	[shares] 3,91,22,725	[shares] 1	[shares] 1

Details of non-current investments [Table]

..(29)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 57		Non Current Investment 58	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	0.25	0.25	0.05	0.05
Name of body corporate in whom investment has been made	Bhushan Buildwell Private Limited	Bhushan Buildwell Private Limited	Bhushan Steel Bengal Limited	Bhushan Steel Bengal Limited
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Other	Other	Other	Other
Number of shares of non-current investment made in body corporate	[shares] 4,900	[shares] 4,900	[shares] 50,000	[shares] 50,000

Details of non-current investments [Table]

..(30)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 59		Non Current Investment 60	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investments in debentures or bonds	Investments in debentures or bonds
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	0.1	0.1	0.05	0.05
Name of body corporate in whom investment has been made	IFCI Venture Capital Funds Ltd.	IFCI Venture Capital Funds Ltd.	Panatone Finvest Ltd.	Panatone Finvest Ltd.
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Other	Other	others	others
Number of shares of non-current investment made in body corporate	[shares] 1,00,000	[shares] 1,00,000	[shares] 45,000	[shares] 45,000

Details of non-current investments [Table]

..(31)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 61		Non Current Investment 62	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	0.01	0.01	0	0
Name of body corporate in whom investment has been made	Saraswat Co-operative Bank Limited	Saraswat Co-operative Bank Limited	Steelscape Consultancy Pvt. Ltd.	Steelscape Consultancy Pvt. Ltd.
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Other	Other	Other	Other
Number of shares of non-current investment made in body corporate	[shares] 2,500	[shares] 2,500	[shares] 50,000	[shares] 50,000

Details of non-current investments [Table]

..(32)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 63		Non Current Investment 64	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	0	0	0.89	0.89
Name of body corporate in whom investment has been made	Taj Air Limited	Taj Air Limited	Tarapur Environment Protection Society	Tarapur Environment Protection Society
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Other	Other	Other	Other
Number of shares of non-current investment made in body corporate	[shares] 42,00,000	[shares] 42,00,000	[shares] 82,776	[shares] 82,776

Details of non-current investments [Table]

..(33)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 65		Non Current Investment 66	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	202.19	202.19	54.8	54.8
Name of body corporate in whom investment has been made	Tata Industries Ltd.	Tata Industries Ltd.	Tata International Ltd.	Tata International Ltd.
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Other	Other	Other	Other
Number of shares of non-current investment made in body corporate	[shares] 99,80,436	[shares] 99,80,436	[shares] 42,924	[shares] 42,924

Details of non-current investments [Table]

..(34)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 67		Non Current Investment 68	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	0.16	0.16	68.75	68.75
Name of body corporate in whom investment has been made	Tata Services Ltd.	Tata Services Ltd.	Tata Sons Private Ltd.	Tata Sons Private Ltd.
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Other	Other	Other	Other
Number of shares of non-current investment made in body corporate	[shares] 1,621	[shares] 1,621	[shares] 12,375	[shares] 12,375

Details of non-current investments [Table]

..(35)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 69		Non Current Investment 70	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in other Indian companies equity instruments	Investment in other Indian companies equity instruments	Investment in subsidiaries preference shares	Investment in subsidiaries preference shares
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	0.01	0.01	13,983.08	12,710.54
Name of body corporate in whom investment has been made	Others	Others	Tata Steel Long Products Limited	Tata Steel Long Products Limited
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Other	Other	Subsidiary	Subsidiary
Number of shares of non-current investment made in body corporate	[shares] 0	[shares] 0	[shares] 127,00,00,000	[shares] 127,00,00,000

Details of non-current investments [Table]

..(36)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 71		Non Current Investment 72	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in subsidiaries preference shares	Investment in subsidiaries preference shares	Investment in subsidiaries preference shares	Investment in subsidiaries preference shares
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	0	0	0	0
Name of body corporate in whom investment has been made	Tayo Rolls Limited	Tayo Rolls Limited	Tayo Rolls Limited	Tayo Rolls Limited
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Subsidiary	Subsidiary	Subsidiary	Subsidiary
Number of shares of non-current investment made in body corporate	[shares] 43,30,000	[shares] 43,30,000	[shares] 64,00,000	[shares] 64,00,000

Details of non-current investments [Table]

..(37)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 73		Non Current Investment 74	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in subsidiaries preference shares	Investment in subsidiaries preference shares	Investment in subsidiaries preference shares	Investment in subsidiaries preference shares
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	0	0	0	0
Name of body corporate in whom investment has been made	Tayo Rolls Limited	Tayo Rolls Limited	Tayo Rolls Limited	Tayo Rolls Limited
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Subsidiary	Subsidiary	Subsidiary	Subsidiary
Number of shares of non-current investment made in body corporate	[shares] 3,00,000	[shares] 3,00,000	[shares] 2,31,00,000	[shares] 2,31,00,000

Details of non-current investments [Table]

..(38)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 75		Non Current Investment 76	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]				
Disclosure of details of non-current investments [Abstract]				
Details of non-current investments [Line items]				
Type of non-current investments	Investment in other Indian companies preference shares	Investment in other Indian companies preference shares	Investment in other Indian companies preference shares	Investment in other Indian companies preference shares
Class of non-current investments	Other investments	Other investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted	Unquoted	Unquoted
Non-current investments	33.09	0	38.51	0
Name of body corporate in whom investment has been made	TRF Limited	TRF Limited	TRF Limited	TRF Limited
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	Associate	Associate	Associate	Associate
Number of shares of non-current investment made in body corporate	[shares] 25,00,00,000	[shares] 0	[shares] 23,90,00,000	[shares] 0

Details of non-current investments [Table]

..(39)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of non-current investments [Axis]	Non Current Investment 77	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Non-current investments [Abstract]		
Disclosure of details of non-current investments [Abstract]		
Details of non-current investments [Line items]		
Type of non-current investments	Investment in other Indian companies preference shares	Investment in other Indian companies preference shares
Class of non-current investments	Other investments	Other investments
Nature of non-current investments	Unquoted	Unquoted
Non-current investments	13.88	13.72
Name of body corporate in whom investment has been made	Angul Sukinda Railway Limited	Angul Sukinda Railway Limited
Details of whether such body corporate is subsidiary, associate, joint venture or controlled special purpose entity	others	others
Number of shares of non-current investment made in body corporate	[shares] 5,50,00,000	[shares] 5,50,00,000

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	31/03/2022
Disclosure of notes on non-current investments explanatory [TextBlock]	Textual information (44) [See below]	
Aggregate amount of quoted non-current investments	3,260.47	3,368.22
Market value of quoted non-current investments	7,074.58	8,339.43
Aggregate amount of unquoted non-current investments	40,878.43	40,033.21
Aggregate provision for diminution in value of non-current investments	-2,473.14	-1,316.75

Textual information (44)

Disclosure of notes on non-current investments explanatory [Text Block]

Investments : Non-Current

			(Rs crore)
	No. of shares as at March 31, 2023 (face value of Rs. 10 each fully paid-up unless otherwise specified)	As at March 31, 2023	As at March 31, 2022
A. Investments carried at cost/deemed cost			
(a) Equity investments in subsidiary companies			
(i) Quoted			
(1) Tata Metaliks Ltd.	1,89,57,090	430.09	430.09
(2) Tata Steel Long Products Limited	3,37,86,521	1,360.58	1,360.58
(3) Tayo Rolls Limited (iii)	55,87,372	-	-
(4) The Tinplate Company of India Limited	7,84,57,640	395.02	395.02
		2,185.69	2,185.69
(ii) Unquoted			
(1) ABJA Investment Co. Pte. Ltd. (Face value of USD 1 each)	2,00,000	1.08	1.08
(2) Angul Energy Limited (formerly Bhushan Energy Limited)	99,99,904	10.00	10.00
(3) Bhubaneswar Power Private Limited	23,69,86,703	321.73	321.73
(4) Bhushan Steel (Australia) Pty Limited (Face value of AUD 1 each)	4,73,69,796	244.45	244.45
(5) Bhushan Steel (South) Limited	13,00,000	1.30	1.30
(6) Creative Port Development Private Limited	1,27,500	91.88	91.88
(7) Jamshedpur Football and Sporting Private Limited	4,08,00,000	40.80	40.80
(8) Medica TS Hospital Private Limited	7,70,200	0.77	0.77
(9) Mohar Export Services Pvt Ltd *	3,352	-	-
(10) NatSteel Asia Pte. Ltd. (Face value of SGD 1 each) (28,14,37,128 shares sold during the year)(ii)	-	-	773.86
(11) Neelachal Ispat Nigam Limited (5,80,48,492 shares acquired during the year)	5,80,48,492	348.87	-
(12) Neelachal Ispat Nigam Limited (1,38,52,000 partly paid shares of Rs.5 each acquired during the year)	1,38,52,000	47.82	-
(13) Rujuvalika Investments Limited	13,28,800	60.40	60.40
(14) S & T Mining Company Limited (1,85,26,900 shares acquired during the year and subsequently classified from investment in joint venture to subsidiary)	3,70,53,800	18.53	-

(15) Subarnarekha Port Private Limited	4,24,183	17.01	17.01
(16) T Steel Holdings Pte. Ltd. (Face value of GBP 1 each)	7,31,21,21,292	12,724.26	12,724.26
(17) T Steel Holdings Pte. Ltd. (Face value of GBP 0.78 each)	1,25,80,00,000	8,990.63	8,990.63
(18) Tata Korf Engineering Services Ltd * #	3,99,986	-	-
(19) Tata Steel Advanced Materials Limited (formerly Tata Steel Odisha Limited) (5,62,23,166 shares acquired during the year)	5,62,23,166	72.02	-
(20) Tata Steel Downstream Products Limited (7,11,743 shares acquired during the year)	24,30,39,683	2,530.06	2,520.06
(21) Tata Steel Foundation	10,00,000	1.00	1.00
(22) Tata Steel Mining Limited (36,50,44,386 shares acquired during the year)	85,01,15,454	1,604.69	905.62
(23) Tata Steel Support Services Limited (formerly Bhushan Steel (Orissa) Limited)	49,990	0.05	0.05
(24) Tata Steel Technical Services Limited (formerly Bhushan Steel Madhya Bharat Limited)	49,990	0.05	0.05
(25) Tata Steel Utilities and Infrastructure Services Limited (31,62,790 shares acquired during the year)	6,32,16,337	853.10	785.10
(26) The Indian Steel & Wire Products Ltd	56,92,651	3.08	3.08
		27,983.58	27,493.13
Aggregate provision for impairment in value of investments		(2,333.79)	(1,271.26)
		25,649.79	26,221.87
		27,835.48	28,407.56
(b) Investment in preference shares of subsidiary companies			
(i) Unquoted			
(1) Creative Port Development Private Limited 0.01% non-cumulative optionally convertible redeemable preference shares (Face value of Rs.100 each) (48,00,000 shares allotted during the year)	2,22,10,830	222.11	174.11
(2) Medica TS Hospital Private Limited 0.01% non-cumulative optionally convertible redeemable preference shares	4,92,29,800	49.23	49.23
		271.34	223.34
(c) Equity investments in associate companies			
(i) Quoted			
(1) TRF Limited. @	37,53,275	204.02	5.79
Aggregate provision for impairment in value of investments		(118.18)	(5.79)
		85.84	-
(ii) Unquoted			
(1) Bhushan Capital & Credit Services Private Limited	86,43,742	9.40	9.40
(2) Jawahar Credit & Holdings Private Limited	86,43,742	9.40	9.40

(3) Kalinga Aquatic Ltd *	10,49,920	-	-
(4) Kumardhubi Fireclay and Silica Works Ltd.*#	1,50,001	-	-
(5) Kumardhubi Metal Casting and Engineering Ltd. *#	10,70,000	-	-
(6) Malusha Travels Pvt Ltd, Rs.33,520 (March 31, 2022 : Rs.33,520)	3,352	-	-
(7) Strategic Energy Technology Systems Private Limited	2,56,14,500	0.91	0.91
(8) Tata Construction and Projects Limited *#	11,97,699	-	-
		19.71	19.71
Aggregate provision for impairment in value of investments		(19.71)	(19.71)
		-	-
(d) Investment in preference shares of associate companies			
(i) Unquoted			
(1) TRF Limited. 11.25% Non-cumulative optionally convertible redeemable preference shares (2,50,00,000 shares purchased during the year)	2,50,00,000	25.00	-
		25.00	-
(e) Equity investments in joint ventures			
(i) Unquoted			
(1) Andal East Coal Company Private Limited#	3,30,000	1.46	1.46
(2) Industrial Energy Limited	17,31,60,000	173.16	173.16
(3) mjunction services limited	40,00,000	4.00	4.00
(4) S & T Mining Company Limited (1,85,26,900 shares classified as investment in subsidiaries)	-	-	18.53
(5) Tata NYK Shipping Pte Ltd. (Face value of USD 1 each)	6,51,67,500	350.14	350.14
(6) TM International Logistics Limited	91,80,000	9.18	9.18
		537.94	556.47
Aggregate provision for impairment in value of investments		(1.46)	(19.99)
		536.48	536.48
B. Investments carried at fair value through other comprehensive income			
Investments in equity shares			
(i) Quoted			
(1) CARE Ratings Limited	3,54,000	22.76	18.07
(2) Housing Development Finance Corporation Ltd. (Face value of Rs.2 each)	7,900	2.07	1.89
(3) Steel Strips Wheels Limited (Face value of Rs.1 each) (Shares split in the ratio 5:1 during the year)	1,08,69,720	160.82	176.14
(4) Tata Consultancy Services Limited (Face Value of Rs.1 each)	46,798	15.00	17.50

(5) Tata Investment Corporation Limited	2,28,015	39.78	30.93
(6) Tata Motors Ltd. (Face value of Rs.2 each)	1,00,000	4.20	4.34
(7) The Tata Power Company Ltd. (Face value of Rs.1 each)	3,91,22,725	744.31	933.66
(8) Timken India Ltd. Rs.2,755.45 (March 31, 2022 : Rs.2,141.10)	1	-	-
		988.94	1,182.53
(ii) Unquoted\$			
(1) Bhushan Buildwell Private Limited	4,900	0.25	0.25
(2) Bhushan Steel Bengal Limited	50,000	0.05	0.05
(3) IFCI Venture Capital Funds Ltd.	1,00,000	0.10	0.10
(4) Panatone Finvest Ltd.	45,000	0.05	0.05
(5) Saraswat Co-operative Bank Limited	2,500	0.01	0.01
(6) Steelscape Consultancy Pvt. Ltd.	50,000	-	-
(7) Taj Air Limited	42,00,000	-	-
(8) Tarapur Environment Protection Society	82,776	0.89	0.89
(9) Tata Industries Ltd. (Face value of Rs.100 each)	99,80,436	202.19	202.19
(10) Tata International Ltd. (Face value of Rs.1,000 each)	42,924	54.80	54.80
(11) Tata Services Ltd. (Face value of Rs.1,000 each)	1,621	0.16	0.16
(12) Tata Sons Private Ltd. (Face value of Rs.1,000 each)	12,375	68.75	68.75
(13) Others (ix)		0.01	0.01
		327.26	327.26
		1,316.20	1,509.79
C. Investments carried at amortised cost			
Investments in preference shares			
(a) Subsidiary companies			
(i) Unquoted			
Tata Steel Long Products Limited 0.01% non-convertible, non-cumulative redeemable preference shares (Face value of Rs.100 each)	1,27,00,00,000	13,983.08	12,710.54
		13,983.08	12,710.54
D. Investments carried at fair value through profit and loss			
Investments in preference shares			
(a) Subsidiary companies			
(i) Unquoted			
(1) Tayo Rolls Limited 7.00% non-cumulative redeemable preference shares (Face value of Rs.100 each)	43,30,000	-	-
(2) Tayo Rolls Limited 7.17% non-cumulative redeemable			

preference shares (Face value of Rs.100 each)	64,00,000	-	-
(3) Tayo Rolls Limited 8% non-cumulative redeemable preference shares (Face value of Rs.100 each)	3,00,000	-	-
(4) Tayo Rolls Limited 8.50% non-cumulative redeemable preference shares (Face value of Rs.100 each)	2,31,00,000	-	-
		-	-
(b) Associate companies			
(i) Unquoted			
(1) TRF Limited. 12.50 % non-cumulative non convertible redeemable preference shares	25,00,00,000	33.09	-
(2) TRF Limited. 12.17% non-cumulative non convertible redeemable preference shares (23,90,00,000 shares purchased during the year)	23,90,00,000	38.51	-
		71.60	-
(c) Investments in others			
(i) Unquoted			
(1) Angul Sukinda Railway Limited Non-cumulative redeemable preference shares	5,50,00,000	13.88	13.72
		13.88	13.72
		44,138.90	43,401.43

* These investments are carried at a book value of Rs.1.00

As on March 31, 2023, Kumardhubi Fireclay and Silica Works Ltd., Kumardhubi Metal Casting and Engineering Ltd., Tata Construction and Projects Limited and Andal East Coal Company Private Limited are under liquidation and Tata Korf Engineering Services Ltd is non-operative.

@ Equity investment in TRF Limited includes Rs5.79 crore for 37,53,275 equity shares and deemed equity component of Rs198.23 crore for 23,90,00,000 NCRPS.

\$ Cost of unquoted equity instruments has been considered as an appropriate estimate of fair value because of a wide range of possible fair value measurements and cost represents the best estimate of fair value within that range.

(i) The Company holds more than 50% of the equity share capital in TM International Logistics Limited. However, decisions in respect of activities which significantly affect the risks and rewards of these businesses, require unanimous consent of all the shareholders. This entity has therefore been considered as joint venture.

(ii) During the year ended March 31, 2023, the Company has transferred its investments held in NatSteel Asia Pte. Ltd. to T Steel Holdings Pte. Ltd., a wholly owned subsidiary of the Company against cash consideration. The gain on transfer of such shares has been recognised within exceptional items.

(iii) The Hon'ble National Company Law Tribunal (NCLT), Kolkata vide order dated April 5, 2019 has admitted the initiation of Corporate Insolvency Resolution Process (CIRP) in respect of Tayo Rolls Limited, a subsidiary of the Company.

(iv) During the year ended March 31, 2023, the Company considered indicators of impairment such as decline in operational performance, changes in outlook of future profitability among other potential indicators for investments held in steel, mining and other business operations either directly or indirectly.

The recoverable value of investments held in T Steel Holdings Pte. Ltd. (TSH), a wholly owned subsidiary of the Company is, inter alia,

dependent on the operational and financial performance of Tata Steel Europe (TSE) and net assets of the other underlying businesses. The recoverable amount of TSE is higher of the value in use (VIU) of the underlying businesses and the fair value less cost to sell of those businesses which inter-alia considers impact of switching the heavy end and other relevant assets to a more green steel capex base. The VIU computation uses cash flow forecasts based on most recently approved financial budgets and strategic forecasts which cover a period of three years and future projections taking the analysis out into perpetuity based on a steady state, sustainable cash flow reflecting average steel industry conditions between successive peaks and troughs of profitability. Key assumptions for the value in use computations are those regarding the discount rates, exchange rates, market demand, sales volume and sales prices, cost to produce etc. The projections are based on both past performance and the expectations of future performance and assumptions therein. The Company estimates discount rates using post-tax rates that reflect the current market rates adjusted to reflect the way the European union steel market would assess the specific risk. The weighted average post-tax discount rates used for discounting the cash flows projections is in range of 7.90% - 8.80% (March 31, 2022: 6.30% to 7.00%). Beyond the specifically forecasted period, a growth rate of 1.70% - 2.00% (March 31, 2022: 1.80%) is used to extrapolate the cash flow projections. This rate does not exceed the average long-term growth rate for the relevant markets.

TSE is exposed to certain climate related risks which could affect the estimates of future cash flow projections. The cashflow projections include the impact of decarbonisation given that the Netherlands business in TSE has stated its plan to move away from the current production process and to transition to decarbonised production. Decarbonisation as a whole is likely to provide significant opportunities to TSE as it is likely to increase the demand for steel as it is crucial as an infrastructure enabler for all technological transition within the wider economy (e.g. wind power, hydrogen, electric vehicles, nuclear etc.) and compares favourably to other materials when considering the life cycle emissions of the material. The technology transition and investments will be dependent on national and international policy and will also be driven by government decisions in the country of operation. Management's assessment is that generally, these potential carbon-related costs would be borne by the society, either through higher steel prices or through public spending/subsidies.

The outcome of the impairment assessment as on March 31, 2023 resulted in recognition of an impairment loss of Rs.1,170.00 crore in respect investments in TSH which holds investments in TSE.

The Company has also conducted sensitivity analysis on the impairment tests including sensitivity in respect of discount rates. The management believes that no reasonably possible change in any of the key assumptions used in the assessment would cause the carrying value of investments to exceed its recoverable value after recording the aforesaid impairment loss.

The operational and financial performance of TSE, a wholly owned indirect subsidiary of TSH has assessed the potential impact of the economic downturn in Europe caused by external factors including higher inflation, higher interest rates and supply chain disruptions caused by the war in Ukraine on its future business outlook for UK and Mainland Europe (MLE) value chains.

The Board has considered reasonably possible scenarios to stress test the financial position of both the UK and MLE businesses, including the impact of lower steel margins against the Annual Plan and the mitigating actions the Group could take to limit any adverse consequences to liquidity in the annual impairment assessments.

Based on the assessment, the MLE business is expected to have adequate liquidity under all the reasonably possible scenarios considered. The outlook for Tata Steel UK Limited ("TSUK"), a wholly owned indirect subsidiary of TSE, however, is expected to be adversely impacted towards meeting its liquidity requirements and accordingly with respect to its ability to continue as a going concern. In response to the challenging market and business conditions, TSUK continues to implement various measures aimed at improving its business performance and conserving cash including but not limited to ensuring adequate liquidity, if required, through available financing options, management of working capital, implementation of cost reduction measures and discussions with the UK Government to seek adequate support for transition to Green Steel as part of its decarbonization strategy. The progress of discussions with the UK government is also being monitored closely given that based on the initial and subsequent discussions it remains uncertain whether adequate support for the decarbonization strategy would be agreed. Given the risks and challenges associated with the underlying market and business conditions, the uncommitted nature of available financing options and the uncertainty with respect to whether adequate government support would be agreed, there exists a material uncertainty surrounding the impact of such adversities on the financial situation of TSUK.

The financial statements of TSE have been prepared on a going concern basis recognising the material uncertainty in relation to TSUK.

Whilst the Company's carrying amount of its equity investment in TSH after recognizing aforesaid impairment, which holds TSE, is considered recoverable, the associated uncertainties have been explained above.

(v) During the year ended March 31, 2022, the Company had invested Rs12,700.00 crore in 0.01% non-convertible redeemable preference shares (NCRPS) of Tata Steel Long Products Limited ("TSLP"), a subsidiary. As on March 31, 2023, the investment amount including interest accrued is Rs13,983.08 crore.

The Company through TSLP, has during the year ended March 31, 2023, acquired Neelachal Ispat Nigam Limited ("NINL") at a total consideration of Rs12,100.00 crore. The acquisition was completed on July 4, 2022 and consequently, NINL has become a subsidiary of TSLP and a step-down subsidiary of the Company.

The Company has also directly invested Rs300.00 crore for subscription of equity shares of NINL and also acquired equity shares from erstwhile shareholders for Rs96.69 crore.

Assessment of carrying value of the investment exposure of the Company in TSLP and in NINL are to be looked inter alia from TSLP's exposure in NINL.

The recoverable value of equity investments held in TSLP and NINL has been assessed based on higher of fair value less costs to sell and value in use for the underlying businesses.

The fair value less costs to sell model uses cash flow forecasts based on the most recently approved financial plan for financial year 2023-24. Beyond financial year 2023-24, the cash flow forecasts is based on strategic forecasts which cover a period i.e. estimated time to extract the total usable mineral reserves for mining business and six years for steel business and future projections taking the analysis out to perpetuity which includes capital expenditure for capacity expansion of steel making facilities from the current 1.1 MTPA to 4.56 MTPA by financial year 2028-29 as well as estimated EBITDA changes due to implementation of the expansion strategy and operating the assets.

Key assumptions to the fair value less costs to sell model are changes to selling prices and raw material costs, steel demand, amount of capital expenditure needed for expansion of the existing facilities, EBITDA and post-tax discount rate of 10.10%. The estimates of capital expenditure for capacity expansion of steel making assets is based on management's internal estimates of implementing the expansion strategy.

For the fair value less costs to sell model, a 4.00 % growth rate is used to extrapolate the cash flows beyond the specifically forecasted period of six years in respect of which strategic forecasts have been prepared. The outcome of the impairment assessment as on March 31, 2023 for investments held in TSLP and NINL has not resulted in any impairment of investments.

The management has conducted sensitivity analysis including sensitivity in respect of discount rates, on the impairment assessment of the carrying value of investments held in TSLP and NINL. The management believes that no reasonably possible change in any of the key assumptions used in the model would cause the carrying value of investments to materially exceed its recoverable value.

(vi) During the year ended March 31, 2022, cumulative gain on de-recognition of investments which were carried at fair value through other comprehensive income amounted to Rs9.99 crore. Fair value of such investments as on the date of de-recognition was Rs9.99 crore.

(vii) Tata Steel BSL Limited (TSBSL) (earlier known as Bhushan Steel Limited), an erstwhile subsidiary (acquired through the corporate insolvency resolution process) which amalgamated with the Company during the year ended March, 2022 was being identified as the promoter of Jawahar Credit & Holdings Private Limited (JCHPL) and Bhushan Capital & Credit Services Private Limited (BCCSPL). These entities were connected to the previous management of erstwhile TSBSL, before acquisition of TSBSL by the Company (through Bannipal Steel Limited) in May 2018.

TSBSL had written to JCHPL, BCCSPL and the Registrar of Companies (National Capital Territory of Delhi & Haryana) intimating that TSBSL should not be identified as promoter of these two companies; accordingly, legally, neither erstwhile TSBSL nor the Company had any visibility or control over the operations of these two companies nor currently exercises any influence on these entities.

(viii) During the year ended March 31, 2022, Noamundi Steel Limited, Straight Mile Steel Limited, Sakchi Steel Limited, Jugsalai Steel Limited, Jamadoba Steel Limited, Dimna Steel Limited, Bistupur Steel Limited and T M Mining Company Limited have been struck off from Registrar of Companies (ROC).

(ix) Details of other unquoted investments carried at fair value through other comprehensive income is as below:

			(Rs. crore)
	No. of shares as at March 31, 2023 (face value of Rs.10 each fully paid -up unless otherwise specified)	As at March 31, 2023	As at March 31, 2022
(a) Barajamda Iron Ore Mine Workers' Central Co-operative Stores Ltd. (Face value of Rs.25 each)	200	5,000.00	5,000.00
(b) Bokaro and Ramgarh Ltd.	100	16,225.00	16,225.00

(c) Eastern Synpacks Limited (Face value of Rs.25 each)	1,50,000	1.00	1.00
(d) Ferro Manganese Plant Employees' Consumer Co-operative Society Ltd. (Face value of Rs.25 each)	100	2,500.00	2,500.00
(e) Investech Advisory Services (India) Limited (Face value of Rs.100 each)	1,680	1.00	1.00
(f) Jamshedpur Co-operative House Building Society Ltd. (Face value of Rs.100 each)	10	1,000.00	1,000.00
(g) Jamshedpur Co-operative Stores Ltd. (Face value of Rs.5 each) 50	50	250.00	250.00
(h) Jamshedpur Educational and Culture Co-operative Society Ltd. (Face value of Rs.100 each)	50	5,000.00	5,000.00
(i) Joda East Iron Mine Employees' Consumer Co-operative Society Ltd. (Face value of Rs.25 each)	100	2,500.00	2,500.00
(j) Namtech Electronic Devices Limited	48,026	1.00	1.00
(k) Reliance Firebrick and Pottery Company Ltd. (partly paid-up)	16,800	1.00	1.00
(l) Reliance Firebrick and Pottery Company Ltd.	2,400	1.00	1.00
(m) Sanderson Industries Ltd.	3,33,876	2.00	2.00
(n) Standard Chrome Ltd.	11,16,000	2.00	2.00
(o) Sijua (Jherriah) Electric Supply Co. Ltd.	4,144	40,260.00	40,260.00
(p) TBW Publishing and Media Pvt. Limited	100	1.00	1.00
(q) Unit Trust of India - Mastershares	2,229	55,401.00	55,401.00
(r) Wellman Incandescent India Ltd.	15,21,234	2.00	2.00
		1,28,148.00	1,28,148.00

[400500] Notes - Current investments**Details of current investments [Table]**

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of current investments [Axis]	Current Investment 1		Current Investment 2	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Current investments [Abstract]				
Disclosure of details of current investments [Abstract]				
Details of current investments [Line items]				
Type of current investments	Investments in mutual funds	Investments in mutual funds	Investments in mutual funds	Investments in mutual funds
Class of current investments	Current investments	Current investments	Current investments	Current investments
Nature of current investments	Quoted	Quoted	Unquoted	Unquoted
Current investments	0.09	0.09	1,025.16	0
Basis of valuation of current investments	Investments carried at fair value through profit and loss	Investments carried at fair value through profit and loss	Investments carried at fair value through profit and loss	Investments carried at fair value through profit and loss
Name of body corporate in whom investment has been made	Nippon India Mutual Fund ETF Liquid Bees	Nippon India Mutual Fund ETF Liquid Bees	SBI Overnight Fund - Direct - Growth	SBI Overnight Fund - Direct - Growth
Number of shares of current investment made in body corporate	[shares] 0	[shares] 0	[shares] 0	[shares] 0

Details of current investments [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of current investments [Axis]	Current Investment 3	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Current investments [Abstract]		
Disclosure of details of current investments [Abstract]		
Details of current investments [Line items]		
Type of current investments	Investments in mutual funds	Investments in mutual funds
Class of current investments	Current investments	Current investments
Nature of current investments	Unquoted	Unquoted
Current investments	1,025.15	96.02
Basis of valuation of current investments	Investments carried at fair value through profit and loss	Investments carried at fair value through profit and loss
Name of body corporate in whom investment has been made	Tata Overnight Fund - Direct - Growth	Tata Overnight Fund - Direct - Growth
Number of shares of current investment made in body corporate	[shares] 0	[shares] 0

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	31/03/2022
Disclosure of notes on current investments explanatory [TextBlock]	Textual information (45) [See below]	
Aggregate amount of quoted current investments	0.09	0.09
Market value of quoted current investments	0	0
Aggregate amount of unquoted current investments	2,050.31	96.02
Aggregate provision for diminution in value of current investments	0	0

Textual information (45)

Disclosure of notes on current investments explanatory [Text Block]

Investments - Current

		(Rs. crore)
	As at March 31, 2023	As at March 31, 2022
Investments carried at fair value through profit and loss:		
Investments in mutual funds - Quoted		
(1) Nippon India Mutual Fund ETF Liquid Bees	0.09	0.09
	0.09	0.09
Investments in mutual funds - Unquoted		
(1) SBI Overnight Fund - Direct - Growth	1,025.16	-
(2) Tata Overnight Fund - Direct - Growth	1,025.15	96.02
	2,050.31	96.02
	2,050.40	96.11

(x) Carrying value and market value of quoted and unquoted investments are as below:

		(Rs. crore)
	As at March 31, 2023	As at March 31, 2022
(a) Investments in subsidiary companies:		
Aggregate carrying value of quoted investments	2,185.69	2,185.69
Aggregate market value of quoted investments	6,025.44	7,106.37
Aggregate carrying value of unquoted investments	39,904.21	39,155.75
(b) Investments in associate companies:		
Aggregate carrying value of quoted investments	85.84	-
Aggregate market value of quoted investments	60.11	50.44
Aggregate carrying value of unquoted investments	96.60	-
(c) Investments in joint ventures:		
Aggregate carrying value of unquoted investments	536.48	536.48
(d) Investments in others:		
Aggregate carrying value of quoted investments	989.03	1,182.62
Aggregate market value of quoted investments	989.03	1,182.62
Aggregate carrying value of unquoted investments	2,391.45	437.00

(xi) The Company has not advanced or loaned or invested funds (either borrowed funds or share premium or any other sources or kind of funds)

to any other person or entity, including foreign entities (intermediaries) with the understanding (whether recorded in writing or otherwise) that the intermediary shall, whether, directly or indirectly lend or invest in other persons / entities identified in any manner whatsoever by or on behalf of the company (ultimate beneficiaries) or provide any guarantee, security or the like on behalf of the Ultimate Beneficiaries other than investments of Rs.645.06 crore (March 31, 2022: Nil) invested in Tata Steel Mining Limited, Rs10.00 crore (March 31, 2022: Nil) in Tata Steel Downstream Products Limited, Rs.54.69 crore (March 31, 2022: Nil) in Tata Steel Advanced Materials Limited and Rs68.00 crore (March 31, 2022: Nil) in Tata Steel Utilities and Infrastructure Services Limited made during the year ended on March 31, 2023 and as set out in note 7(iv), page F60 in the ordinary course of business and in keeping with the applicable regulatory requirements for onward funding to certain subsidiaries of the Company towards meeting their business requirements. Accordingly, no further disclosures, in this regard, are required.

(xii) The Company has not received any fund from any person(s) or entity(ies), including foreign entities (Funding Party) with the understanding (whether recorded in writing or otherwise) that the company shall directly or indirectly lend or invest in other persons or entities identified in any manner whatsoever by or on behalf of the Funding Party (Ultimate Beneficiaries); or provide any guarantee, security or the like on behalf of the Ultimate Beneficiaries.

[611600] Notes - Non-current asset held for sale and discontinued operations

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of non-current assets held for sale and discontinued operations [TextBlock]		
Net cash flows from (used in) operating activities, continuing operations	14,226.93	41,986.12
Net cash flows from (used in) operating activities	14,226.93	41,986.12
Net cash flows from (used in) investing activities, continuing operations	-11,060.61	-34,167.79
Net cash flows from (used in) investing activities	-11,060.61	-34,167.79
Net cash flows from (used in) financing activities, continuing operations	-4,978.93	-7,368.05
Net cash flows from (used in) financing activities	-4,978.93	-7,368.05
Explanation of nature and adjustments to amounts previously presented in discontinued operations	-	-
Description of non-current Assets or disposal group held for sale which were sold or reclassified	-	-
Explanation of facts and circumstances of sale or reclassification and expected disposal, manner and timing	-	-

[400100] Notes - Equity share capital**Disclosure of classes of equity share capital [Table]**

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of equity share capital [Axis]	Equity shares [Member]			Equity shares 1 [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023
Disclosure of classes of equity share capital [Abstract]				
Disclosure of classes of equity share capital [Line items]				
Type of share				Ordinary Shares
Number of shares authorised	[shares] 1,785,00,00,000	[shares] 210,00,00,000		[shares] 1,750,00,00,000
Value of shares authorised	2,100	2,100		1,750
Number of shares issued	[shares] 1,223,44,16,550	[shares] 122,34,41,655		[shares] 1,223,44,16,550
Value of shares issued	1,223.44	1,223.44		1,223.44
Number of shares subscribed and fully paid	[shares] 1,222,15,37,000	[shares] 122,21,22,042		[shares] 1,222,15,37,000
Value of shares subscribed and fully paid	1,222.15	1,222.12		1,222.15
Number of shares subscribed but not fully paid	[shares] 0	[shares] 2,23,288		[shares] 0
Value of shares subscribed but not fully paid	0	0.05		0
Total number of shares subscribed	[shares] 1,222,15,37,000	[shares] 122,23,45,330		[shares] 1,222,15,37,000
Total value of shares subscribed	1,222.15	1,222.17		1,222.15
Value of shares paid-up [Abstract]				
Number of shares paid-up	[shares] 1,222,15,37,000	[shares] 122,23,45,330		[shares] 1,222,15,37,000
Value of shares called	1,222.15	1,222.17		1,222.15
Forfeited shares	0.25	0.2		0.25
Value of shares paid-up	1,222.4	1,222.37		1,222.4
Par value per share				[INR/shares] 1
Amount per share called in case shares not fully called				[INR/shares] 0
Reconciliation of number of shares outstanding [Abstract]				
Changes in number of shares outstanding [Abstract]				
Increase in number of shares outstanding [Abstract]				
Number of other issue of shares arising out of conversion of securities	[shares] 1,100,11,07,970	[shares] 1,82,31,831		(A) [shares] 1,100,11,07,970
Total aggregate number of shares issued during period	[shares] 1,100,11,07,970	[shares] 1,82,31,831		[shares] 1,100,11,07,970
Decrease in number of shares during period [Abstract]				
Other decrease in number of shares	[shares] 19,16,300	[shares] 13,500		(B) [shares] 19,16,300
Total decrease in number of shares during period	[shares] 19,16,300	[shares] 13,500		[shares] 19,16,300
Total increase (decrease) in number of shares outstanding	[shares] 1,099,91,91,670	[shares] 1,82,18,331		[shares] 1,099,91,91,670
Number of shares outstanding at end of period	[shares] 1,222,15,37,000	[shares] 122,23,45,330	[shares] 120,41,26,999	[shares] 1,222,15,37,000
Reconciliation of value of shares outstanding [Abstract]				
Changes in equity share capital [Abstract]				
Increase in equity share capital during period [Abstract]				
Amount of other issue arising out of conversion of securities during period	0.03	23.6		(C) 0.03

Total aggregate amount of increase in equity share capital during period	0.03	23.6		0.03
Decrease in equity share capital during period [Abstract]				
Other decrease in amount of shares	0	0.01		0
Total decrease in equity share capital during period	0	0.01		0
Total increase (decrease) in share capital	0.03	23.59		0.03
Equity share capital at end of period	1,222.4	1,222.37	1,198.78	1,222.4
Rights preferences and restrictions attaching to class of share capital	Textual information (46) [See below]	Textual information (47) [See below]		Textual information (48) [See below]
Details of application money received for allotment of securities and due for refund and interest accrued thereon [Abstract]				
Application money received for allotment of securities and due for refund and interest accrued thereon [Abstract]				
Application money received for allotment of securities and due for refund, principal	0	0		
Total application money received for allotment of securities and due for refund and interest accrued thereon	0	0		
Type of share				Ordinary Shares

(A)

Sub-division of 1 share of face value Rs.10/- each into 10 share of face value Rs.1/- each effective July 29, 2022 (Increase in shares on account of sub-division)

The Shareholders of the Company, at the 115th Annual General Meeting held on June 28, 2022, had approved the sub-division of one equity share of face value Rs.10 each (fully paid-up and partly paid-up) into 10 equity share of face value Rs.1 each. The record date for the said sub-division was set at July 29, 2022.

(B)

Shares forfeited during the year

The Board of Directors at its meeting held on March 27, 2023 approved the forfeiture of 19,16,300 partly paid-up shares of face value of Rs.1 each on which the call money of Rs.0.7496 remains unpaid. (Considering 1,91,630 partly paid-up shares of face value of Rs.10 each sub- divided into 19,16,300 partly paid-up shares of Rs.1 each).

(C)

Partly paid-up shares converted to fully paid-up shares during the year

During the year ended March 31, 2023, the Company has sent Reminder-cum-Forfeiture Notice to the holders of partly paid-up equity shares on which the first and final call money was unpaid. The Company has converted 3,16,580 partly paid-up shares of face value Rs.1 each into fully paid-up shares.

Disclosure of classes of equity share capital [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of equity share capital [Axis]	Equity shares 1 [Member]		Equity shares 2 [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of classes of equity share capital [Abstract]				
Disclosure of classes of equity share capital [Line items]				
Type of share	Ordinary Shares		A Ordinary Shares	A Ordinary Shares
Number of shares authorised	[shares] 175,00,00,000		[shares] 35,00,00,000	[shares] 35,00,00,000
Value of shares authorised	1,750		350	350
Number of shares issued	[shares] 122,34,41,655		[shares] 0	[shares] 0
Value of shares issued	1,223.44		0	0
Number of shares subscribed and fully paid	[shares] 122,21,22,042		[shares] 0	[shares] 0
Value of shares subscribed and fully paid	1,222.12		0	0
Number of shares subscribed but not fully paid	[shares] 2,23,288		[shares] 0	[shares] 0
Value of shares subscribed but not fully paid	0.05		0	0
Total number of shares subscribed	[shares] 122,23,45,330		[shares] 0	[shares] 0
Total value of shares subscribed	1,222.17		0	0
Value of shares paid-up [Abstract]				
Number of shares paid-up	[shares] 122,23,45,330		[shares] 0	[shares] 0
Value of shares called	1,222.17		0	0
Forfeited shares	0.2		0	0
Value of shares paid-up	1,222.37		0	0
Par value per share	[INR/shares] 10		[INR/shares] 10	[INR/shares] 10
Amount per share called in case shares not fully called	[INR/shares] 0		[INR/shares] 0	[INR/shares] 0
Reconciliation of number of shares outstanding [Abstract]				
Changes in number of shares outstanding [Abstract]				
Increase in number of shares outstanding [Abstract]				
Number of other issue of shares arising out of conversion of securities	(A) [shares] 1,82,31,831		[shares] 0	[shares] 0
Total aggregate number of shares issued during period	[shares] 1,82,31,831		[shares] 0	[shares] 0
Decrease in number of shares during period [Abstract]				
Other decrease in number of shares	[shares] 13,500		[shares] 0	[shares] 0
Total decrease in number of shares during period	[shares] 13,500		[shares] 0	[shares] 0
Total increase (decrease) in number of shares outstanding	[shares] 1,82,18,331		[shares] 0	[shares] 0
Number of shares outstanding at end of period	[shares] 122,23,45,330	[shares] 120,41,26,999	[shares] 0	[shares] 0
Reconciliation of value of shares outstanding [Abstract]				
Changes in equity share capital [Abstract]				
Increase in equity share capital during period [Abstract]				
Amount of other issue arising out of conversion of securities during period	(B) 23.6		0	0
Total aggregate amount of increase in equity share capital during period	23.6		0	0
Decrease in equity share capital during period [Abstract]				
Other decrease in amount of shares	(C) 0.01		0	0
Total decrease in equity share capital during period	0.01		0	0
Total increase (decrease) in share capital	23.59		0	0
Equity share capital at end of period	1,222.37	1,198.78	0	0

Rights preferences and restrictions attaching to class of share capital	Textual information (49) [See below]		Textual information (50) [See below]	Textual information (51) [See below]
Type of share	Ordinary Shares		A Ordinary Shares	A Ordinary Shares

(A)

Particulars	2021-22
Fully paid shares allotted during the year	18,231,167
Partly paid shares allotted during the year	664
Total	18,231,831

(B)

Particulars	2021-22
Fully paid shares allotted during the year	18.23
Partly paid shares allotted during the year	0.00*
Partly paid-up shares converted to fully paid-up shares during the year	5.37
Total	23.60

* Represents value less than Rs.0.01 crore

(C) Crossholding cancelled and extinguished

Disclosure of classes of equity share capital [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of equity share capital [Axis]	Equity shares 2 [Member]
	31/03/2021
Disclosure of classes of equity share capital [Abstract]	
Disclosure of classes of equity share capital [Line items]	
Reconciliation of number of shares outstanding [Abstract]	
Number of shares outstanding at end of period	[shares] 0
Reconciliation of value of shares outstanding [Abstract]	
Equity share capital at end of period	0

Disclosure of shareholding more than five per cent in company [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of equity share capital [Axis]	Equity shares 1 [Member]			
Name of shareholder [Axis]	Name of shareholder [Member]		Shareholder 1 [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Type of share	Ordinary Shares	Ordinary Shares	Ordinary shares	Ordinary shares
Disclosure of shareholding more than five per cent in company [Abstract]				
Disclosure of shareholding more than five per cent in company [LineItems]				
Type of share	Ordinary Shares	Ordinary Shares	Ordinary shares	Ordinary shares
Name of shareholder			TATA SONS PRIVATE LIMITED	TATA SONS PRIVATE LIMITED
CIN of shareholder			U99999MH1917PTC000478	U99999MH1917PTC000478
Permanent account number of shareholder			AAACT4060A	AAACT4060A
Country of incorporation or residence of shareholder			INDIA	INDIA
Number of shares held in company			[shares] 396,50,81,420	[shares] 39,65,08,142
Percentage of shareholding in company			32.44%	32.46%

Disclosure of shareholding more than five per cent in company [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of equity share capital [Axis]	Equity shares 1 [Member]		Equity shares 2 [Member]	
Name of shareholder [Axis]	Shareholder 2 [Member]		Name of shareholder [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Type of share	Ordinary shares	Ordinary shares	A Ordinary Shares	A Ordinary Shares
Disclosure of shareholding more than five per cent in company [Abstract]				
Disclosure of shareholding more than five per cent in company [LineItems]				
Type of share	Ordinary shares	Ordinary shares	A Ordinary Shares	A Ordinary Shares
Name of shareholder	Life Insurance Corporation of India	Life Insurance Corporation of India		
Permanent account number of shareholder	AAACL0582H	AAACL0582H		
Country of incorporation or residence of shareholder	INDIA	INDIA		
Number of shares held in company	[shares] 73,24,32,080	[shares] 7,90,89,965		
Percentage of shareholding in company	5.99%	6.47%		

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of notes on equity share capital explanatory [TextBlock]	Textual information (52) [See below]	
Whether there are any shareholders holding more than five per cent shares in company	Yes	Yes
Whether money raised from public offering during year	No	No

Textual information (46)**Rights preferences and restrictions attaching to class of share capital****A. Ordinary Shares of Rs.1 each**

(i) In respect of every Ordinary Share (whether fully paid or partly paid), voting right and dividend shall be in the same proportion as the capital paid-up on such Ordinary Share bears to the total paid-up Ordinary Capital of the Company.

(ii) The dividend proposed by the Board of Directors is subject to the approval of the Shareholders in the ensuing Annual General Meeting, except in case of interim dividend.

(iii) In the event of liquidation, the Shareholders of Ordinary Shares are eligible to receive the remaining assets of the Company after distribution of all preferential amounts, in proportion to their shareholding.

B. 'A' Ordinary Shares of Rs.10 each

(i) (a) The holders of 'A' Ordinary Shares shall be entitled to such rights of voting and/or dividend and such other rights as per the terms of the issue of such shares, provided always that:

- in the case where a resolution is put to vote on a poll, such differential voting entitlement (excluding fractions, if any) will be applicable to holders of 'A' Ordinary Shares.
- in the case where a resolution is put to vote in the meeting and is to be decided on a show of hands, the holders of 'A' Ordinary Shares shall be entitled to the same number of votes as available to holders of Ordinary Shares.

(b) The holders of Ordinary Shares and the holders of 'A' Ordinary Shares shall vote as a single class with respect to all matters submitted for voting by shareholders of the Company and shall exercise such votes in proportion to the voting rights attached to such shares including in relation to any scheme under Sections 391 to 394 of the Companies Act, 1956.

(ii) The holders of 'A' Ordinary Shares shall be entitled to dividend on each 'A' Ordinary Share which may be equal to or higher than the amount per Ordinary Share declared by the Board for each Ordinary Share, and as may be specified at the time of the issue. Different series of 'A' Ordinary Shares may carry different entitlements to dividend to the extent permitted under applicable law and as prescribed under the terms applicable to such issue.

Textual information (47)

Rights preferences and restrictions attaching to class of share capital

A. Ordinary Shares of Rs.1 each

(i) In respect of every Ordinary Share (whether fully paid or partly paid), voting right and dividend shall be in the same proportion as the capital paid-up on such Ordinary Share bears to the total paid-up Ordinary Capital of the Company.

(ii) The dividend proposed by the Board of Directors is subject to the approval of the Shareholders in the ensuing Annual General Meeting, except in case of interim dividend.

(iii) In the event of liquidation, the Shareholders of Ordinary Shares are eligible to receive the remaining assets of the Company after distribution of all preferential amounts, in proportion to their shareholding.

B. 'A' Ordinary Shares of Rs.10 each

(i) (a) The holders of 'A' Ordinary Shares shall be entitled to such rights of voting and/or dividend and such other rights as per the terms of the issue of such shares, provided always that:

- in the case where a resolution is put to vote on a poll, such differential voting entitlement (excluding fractions, if any) will be applicable to holders of 'A' Ordinary Shares.
- in the case where a resolution is put to vote in the meeting and is to be decided on a show of hands, the holders of 'A' Ordinary Shares shall be entitled to the same number of votes as available to holders of Ordinary Shares.

(b) The holders of Ordinary Shares and the holders of 'A' Ordinary Shares shall vote as a single class with respect to all matters submitted for voting by shareholders of the Company and shall exercise such votes in proportion to the voting rights attached to such shares including in relation to any scheme under Sections 391 to 394 of the Companies Act, 1956.

(ii) The holders of 'A' Ordinary Shares shall be entitled to dividend on each 'A' Ordinary Share which may be equal to or higher than the amount per Ordinary Share declared by the Board for each Ordinary Share, and as may be specified at the time of the issue. Different series of 'A' Ordinary Shares may carry different entitlements to dividend to the extent permitted under applicable law and as prescribed under the terms applicable to such issue.

Textual information (48)

Rights preferences and restrictions attaching to class of share capital

(i) In respect of every Ordinary Share (whether fully paid or partly paid), voting right and dividend shall be in the same proportion as the capital paid-up on such Ordinary Share bears to the total paid-up Ordinary Capital of the Company.

(ii) The dividend proposed by the Board of Directors is subject to the approval of the Shareholders in the ensuing Annual General Meeting, except in case of interim dividend.

(iii) In the event of liquidation, the Shareholders of Ordinary Shares are eligible to receive the remaining assets of the Company after distribution of all preferential amounts, in proportion to their shareholding.

Textual information (49)

Rights preferences and restrictions attaching to class of share capital

(i) In respect of every Ordinary Share (whether fully paid or partly paid), voting right and dividend shall be in the same proportion as the capital paid-up on such Ordinary Share bears to the total paid-up Ordinary Capital of the Company.

(ii) The dividend proposed by the Board of Directors is subject to the approval of the Shareholders in the ensuing Annual General Meeting, except in case of interim dividend.

(iii) In the event of liquidation, the Shareholders of Ordinary Shares are eligible to receive the remaining assets of the Company after distribution of all preferential amounts, in proportion to their shareholding.

Textual information (50)

Rights preferences and restrictions attaching to class of share capital

(i) (a) The holders of 'A' Ordinary Shares shall be entitled to such rights of voting and/or dividend and such other rights as per the terms of the issue of such shares, provided always that:

- in the case where a resolution is put to vote on a poll, such differential voting entitlement (excluding fractions, if any) will be applicable to holders of 'A' Ordinary Shares.
- in the case where a resolution is put to vote in the meeting and is to be decided on a show of hands, the holders of 'A' Ordinary Shares shall be entitled to the same number of votes as available to holders of Ordinary Shares.

(b) The holders of Ordinary Shares and the holders of 'A' Ordinary Shares shall vote as a single class with respect to all matters submitted for voting by shareholders of the Company and shall exercise such votes in proportion to the voting rights attached to such shares including in relation to any scheme under Sections 391 to 394 of the Companies Act, 1956.

(ii) The holders of 'A' Ordinary Shares shall be entitled to dividend on each 'A' Ordinary Share which may be equal to or higher than the amount per Ordinary Share declared by the Board for each Ordinary Share, and as may be specified at the time of the issue. Different series of 'A' Ordinary Shares may carry different entitlements to dividend to the extent permitted under applicable law and as prescribed under the terms applicable to such issue.

Textual information (51)

Rights preferences and restrictions attaching to class of share capital

(i) (a) The holders of 'A' Ordinary Shares shall be entitled to such rights of voting and/or dividend and such other rights as per the terms of the issue of such shares, provided always that:

- in the case where a resolution is put to vote on a poll, such differential voting entitlement (excluding fractions, if any) will be applicable to holders of 'A' Ordinary Shares.
- in the case where a resolution is put to vote in the meeting and is to be decided on a show of hands, the holders of 'A' Ordinary Shares shall be entitled to the same number of votes as available to holders of Ordinary Shares.

(b) The holders of Ordinary Shares and the holders of 'A' Ordinary Shares shall vote as a single class with respect to all matters submitted for voting by shareholders of the Company and shall exercise such votes in proportion to the voting rights attached to such shares including in relation to any scheme under Sections 391 to 394 of the Companies Act, 1956.

(ii) The holders of 'A' Ordinary Shares shall be entitled to dividend on each 'A' Ordinary Share which may be equal to or higher than the amount per Ordinary Share declared by the Board for each Ordinary Share, and as may be specified at the time of the issue. Different series of 'A' Ordinary Shares may carry different entitlements to dividend to the extent permitted under applicable law and as prescribed under the terms applicable to such issue.

Textual information (52)

Disclosure of notes on equity share capital explanatory [Text Block]

Equity share capital

			(Rs. crore)
		As at March 31, 2023	As at March 31, 2022
Authorised:			
17,50,00,00,000	Ordinary Shares of Rs.1 each	1,750.00	1,750.00
	(March 31, 2022 : 1,75,00,00,000 Ordinary Shares of Rs.10 each)		
35,00,00,000	A Ordinary Shares of Rs.10 each*	350.00	350.00
	(March 31, 2022 : 35,00,00,000 A Ordinary Shares of Rs.10 each)		
2,50,00,000	Cumulative Redeemable Preference Shares of Rs.100 each*	250.00	250.00
	(March 31, 2022 : 2,50,00,000 Shares of Rs.100 each)		
60,00,00,000	Cumulative Convertible Preference Shares of Rs.100 each*	6,000.00	6,000.00
	(March 31, 2022 : 60,00,00,000 Shares of Rs.100 each)		
		8,350.00	8,350.00
Issued:			
12,23,44,16,550	Ordinary Shares of Rs.1 each	1,223.44	1,223.22
	(March 31, 2022 : 1,22,32,18,367 Ordinary Shares of Rs.10 each)		
-	Ordinary Shares of Rs.1 each (partly paid-up, Rs.0.2504 each paid-up)	-	0.22
	(March 31, 2022 : 2,23,288 Ordinary Shares of Rs.10 each, Rs.2.504 each paid-up)		
		1,223.44	1,223.44
Subscribed and paid-up:			
12,22,15,37,000**	Ordinary Shares of Rs.1 each fully paid-up	1,222.15	1,222.12
	(March 31, 2022 : 1,22,21,22,042 Ordinary Shares of Rs.10 each)		
-	Ordinary Shares of Rs.1 each (partly paid-up, Rs.0.2504 each paid-up)	-	0.05
	(March 31, 2022 : 2,23,288 Ordinary Shares of Rs.10 each, Rs.2.504 each paid-up)		
	Amount paid-up on 58,11,460 Ordinary Shares of Rs.1 each forfeited	0.25	0.20
	(March 31, 2022 : 3,89,516 Ordinary Shares of Rs.10 each)		
		1,222.40	1,222.37

* 'A' Ordinary Shares and Preference Shares included within the authorised share capital are for disclosure purposes and have not yet been issued by the Company as on March 31, 2023.

** Includes 4,370 equity shares of Rs.1 each, on which first and final call money has been received and the equity shares have been converted to fully paid-up equity shares but are pending final listing and trading approval under the ISIN INE081A01020 (for fully paid shares), and hence, continue to be listed under the ISIN IN9081A01010 (for partly paid shares) as on March 31, 2023.

(i) Subscribed and paid-up capital includes 1,16,83,930 (March 31, 2022: 11,68,393 Ordinary Shares of face value Rs.10 each) Ordinary Shares of Rs.1 each fully paid-up, held by Rujuvalika Investments Limited, wholly-owned subsidiary of the Company.

(ii) Details of movement in subscribed and paid-up share capital is as below:

	Year ended March 31, 2023		Year ended March 31, 2022	
	No. of shares of Rs.1 each unless otherwise stated	Rs. crore	No. of shares of Rs.10 each unless otherwise stated	Rs. crore
Ordinary Share				
Balance at the beginning of the year (face value of Rs.10 each)	1,22,23,45,330	1,222.17	1,20,41,26,999	1,198.58
Sub-division of 1 share of face value Rs.10/- each into 10 share of face value Rs.1/- each effective July 29, 2022 (Increase in shares on account of sub-division)(a)	11,00,11,07,970	-	Not Applicable	
Fully paid-up shares allotted during the year	-	-	1,82,31,167	18.23
Partly paid-up shares allotted during the year	-	-	664	0.00*
Partly paid-up shares converted to fully paid-up shares during the year(b)	-	0.03	-	5.37
Crossholding cancelled and extinguished	-	-	(13,500)	(0.01)
Shares forfeited during the year(c)	(19,16,300)	(0.05)	-	-
Balance at the end of the year	12,22,15,37,000	1,222.15	1,22,23,45,330	1,222.17

*Represents value less than Rs0.01 crore.

(a) The Shareholders of the Company, at the 115th Annual General Meeting held on June 28, 2022, had approved the sub-division of one equity share of face value Rs.10 each (fully paid-up and partly paid-up) into 10 equity share of face value Rs.1 each. The record date for the said sub-division was set at July 29, 2022.

(b) During the year ended March 31, 2023, the Company has sent Reminder-cum-Forfeiture Notice to the holders of partly paid-up equity shares on which the first and final call money was unpaid. The Company has converted 3,16,580 partly paid-up shares of face value Rs.1 each into fully paid-up shares.

(c) The Board of Directors at its meeting held on March 27, 2023 approved the forfeiture of 19,16,300 partly paid-up shares of face value of Rs.1 each on which the call money of 10.7496 remains unpaid. (Considering 1,91,630 partly paid-up shares of face value of Rs.10 each sub- divided into 19,16,300 partly paid-up shares of Rs.1 each).

(iii) As at March 31, 2023, 29,27,850 Ordinary Shares of face value Rs.1 each (March 31, 2022: 2,92,785 Ordinary Shares of face value of Rs.10 each) are kept in abeyance in respect of Rights issue of 2007.

As at March 31, 2023, 11,99,650 fully paid-up Ordinary Shares of face value Rs.1 each (March 31, 2022: 1,19,965 fully paid-up Ordinary Shares of face value of Rs.10 each) are kept in abeyance in respect of Rights Issue of 2018.

As at March 31, 2023, 5,98,280 Ordinary Shares of face value Rs.1 each (March 31, 2022: 59,828 partly paid-up Ordinary shares of face value of Rs.10 each) are kept in abeyance in respect of Rights Issue of 2018.

(iv) Proceeds from subscription to the first and final call on partly paid-up shares for Rights Issue of 2018, made during the year ended March 31, 2023 and March 31, 2022 have been utilised in the following manner:

			(Rs. crore)
	Utilised in FY 2021-22	Unutilised in FY 2021-22	Utilised in FY 2022-23*
Repayments of loan	53.27	-	4.18
Expenses towards general corporate purpose	807.43	2.72	-
Issue expense	1.12	-	-
	861.82	2.72	4.18

includes proceeds of Rs1.46 crore from right issue during the year

(v) Details of Shareholders holding more than 5% shares in the Company are as below:

	As at March 31, 2023		As at March 31, 2022	
	No. of Ordinary Shares (face value of Rs.1 each)	% held	No. of Ordinary Shares (face value of Rs.10 each)	% held
Name of shareholders				
(a) Tata Sons Private Limited	3,96,50,81,420	32.44	39,65,08,142	32.46
(b) Life Insurance Corporation of India	73,24,32,080	5.99	7,90,89,965	6.47

(vi) Details of promoters' shareholding in the Company are as below:

	As at March 31, 2023		As at March 31, 2022	
	No. of Ordinary Shares (face value of Rs. 1 each)	% held	No. of Ordinary Shares (face value of Rs. 10 each)	% held
Name of shareholders				
(a) Tata Sons Private Limited#	3,96,50,81,420	32.44	39,65,08,142	32.46
Name of promoter group				
(a) Tata Motors Limited	5,49,62,950	0.45	54,96,295	0.45
(b) Tata Investment Corporation Limited	4,19,84,940	0.34	41,98,494	0.34
(c) Tata Chemicals Ltd	3,09,00,510	0.25	30,90,051	0.25
(d) Ewart Investments Limited	2,22,59,750	0.18	22,25,975	0.18
(e) Rujuvalika Investments Limited*	1,16,83,930	0.10	11,68,393	0.10
(f) Tata Industries Limited	1,04,25,450	0.09	10,42,545	0.09
(g) Tata Motors Finance Limited	60,95,110	0.05	6,09,511	0.05

(h) Tata Capital Ltd	1,67,400	0.00	16,740	0.00
(i) Titan Company Limited	25,110	0.00	2,511	0.00
(j) Tata Capital Financial Services Limited	8,210	0.00	821	0.00
(k) Sir Dorabji Tata Trust^	-	-	-	-
(l) Sir Ratan Tata Trust^	-	-	-	-

Change in percentage shareholding is on account of completion of corporate action and listing of 81,52,840 fully paid-up equity shares which were pending due to legal proceedings / credit rejections from Central Depository Services (India) Limited, to the eligible shareholders of Tata Steel BSL Limited ("TSBSL"). These equity shares were allotted on November 23, 2021, pursuant to the composite scheme of amalgamation of Bannipal Steel Limited and TSBSL into and with the Company. Further, the Board of Directors at their meeting held on March 27, 2023 approved the forfeiture of 19,16,300 partly paid-up equity shares on which the first and final call money remained outstanding.

* 1,16,83,930 Ordinary Shares held by Rujuvalika Investments Limited (a wholly owned subsidiary of the Company), do not carry any voting rights.

^ During the year ended March 31, 2019, Sir Doarabji Tata Trust and Sir Ratan Tata Trust had sold their entire holdings in the Company.

(vii) 8,79,53,750 shares (March 31, 2022: 96,95,642 shares of face value Rs.10 each) of face value of Rs.1 per share represent the shares underlying GDRs which were issued during 1994 and 2009. Each GDR represents one underlying Ordinary Share.

(viii) The rights, powers and preferences relating to each class of share capital and the qualifications, limitations and restrictions thereof are contained in the Memorandum and Articles of Association of the Company. The principal rights are as follows:

A. Ordinary Shares of Rs.1 each

(i) In respect of every Ordinary Share (whether fully paid or partly paid), voting right and dividend shall be in the same proportion as the capital paid-up on such Ordinary Share bears to the total paid-up Ordinary Capital of the Company.

(ii) The dividend proposed by the Board of Directors is subject to the approval of the Shareholders in the ensuing Annual General Meeting, except in case of interim dividend.

(iii) In the event of liquidation, the Shareholders of Ordinary Shares are eligible to receive the remaining assets of the Company after distribution of all preferential amounts, in proportion to their shareholding.

B. 'A' Ordinary Shares of Rs.10 each

(i) (a) The holders of 'A' Ordinary Shares shall be entitled to such rights of voting and/or dividend and such other rights as per the terms of the issue of such shares, provided always that:

- in the case where a resolution is put to vote on a poll, such differential voting entitlement (excluding fractions, if any) will be applicable to holders of 'A' Ordinary Shares.

- in the case where a resolution is put to vote in the meeting and is to be decided on a show of hands, the holders of 'A' Ordinary Shares shall be entitled to the same number of votes as available to holders of Ordinary Shares.

(b) The holders of Ordinary Shares and the holders of 'A' Ordinary Shares shall vote as a single class with respect to all matters submitted for voting by shareholders of the Company and shall exercise such votes in proportion to the voting rights attached to such shares including in relation to any scheme under Sections 391 to 394 of the Companies Act, 1956.

(ii) The holders of 'A' Ordinary Shares shall be entitled to dividend on each 'A' Ordinary Share which may be equal to or higher than the amount

per Ordinary Share declared by the Board for each Ordinary Share, and as may be specified at the time of the issue. Different series of 'A' Ordinary Shares may carry different entitlements to dividend to the extent permitted under applicable law and as prescribed under the terms applicable to such issue.

C. Preference Shares

The Company has two classes of preference shares i.e. Cumulative Redeemable Preference Shares (CRPS) of Rs.100 per share and Cumulative Convertible Preference Shares (CCPS) of Rs100 per share.

(i) Such shares shall confer on the holders thereof, the right to a fixed preferential dividend from the date of allotment, at a rate as may be determined by the Board at the time of the issue, on the capital for the time being paid-up or credited as paid-up thereon.

(ii) Such shares shall rank for capital and dividend (including all dividend undeclared upto the commencement of winding up) and for repayment of capital in a winding up, pari passu inter se and in priority to the Ordinary Shares of the Company, but shall not confer any further or other right to participate either in profits or assets. However, in case of CCPS, such preferential rights shall automatically cease on conversion of these shares into Ordinary Shares.

(iii) The holders of such shares shall have the right to receive all notices of general meetings of the Company but shall not confer on the holders thereof the right to vote at any meetings of the Company save to the extent and in the manner provided in the Companies Act, 1956, or any re-enactment thereof.

(iv) CCPS shall be converted into Ordinary Shares as per the terms, determined by the Board at the time of issue; as and when converted, such Ordinary Shares shall rank pari passu with the then existing Ordinary Shares of the Company in all respects.

[400300] Notes - Borrowings

Classification of borrowings [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Non-current [Member]			
Classification of borrowings [Axis]	Borrowings [Member]			
Subclassification of borrowings [Axis]	Secured/Unsecured borrowings [Member]		Secured borrowings [Member]	
	31/03/2023	31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Borrowings notes [Abstract]				
Details of borrowings [Abstract]				
Details of borrowings [Line items]				
Borrowings	30,880.89	20,290.81	2,751.17	2,714.29
Nature of security [Abstract]				
Nature of security			-	-

Classification of borrowings [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Non-current [Member]			
Classification of borrowings [Axis]	Borrowings [Member]		Bonds/debentures [Member]	
Subclassification of borrowings [Axis]	Unsecured borrowings [Member]		Unsecured borrowings [Member]	
	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Borrowings notes [Abstract]				
Details of borrowings [Abstract]				
Details of borrowings [Line items]				
Borrowings	28,129.72	17,576.52	10,125.22	10,899.62

Classification of borrowings [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Non-current [Member]			
Classification of borrowings [Axis]	Debentures [Member]		Non-convertible debentures others [Member]	
Subclassification of borrowings [Axis]	Unsecured borrowings [Member]		Unsecured borrowings [Member]	
	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Borrowings notes [Abstract]				
Details of borrowings [Abstract]				
Details of borrowings [Line items]				
Borrowings	10,125.22	10,899.62	10,125.22	10,899.62

Classification of borrowings [Table]

..(4)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Non-current [Member]			
Classification of borrowings [Axis]	Term loans [Member]		Term loans from banks [Member]	
Subclassification of borrowings [Axis]	Unsecured borrowings [Member]		Unsecured borrowings [Member]	
	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Borrowings notes [Abstract]				
Details of borrowings [Abstract]				
Details of borrowings [Line items]				
Borrowings	18,004.5	6,676.9	18,004.5	6,676.9

Classification of borrowings [Table]

..(5)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Non-current [Member]			
Classification of borrowings [Axis]	Other loans and advances [Member]		Other loans and advances, others [Member]	
Subclassification of borrowings [Axis]	Secured borrowings [Member]		Secured borrowings [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Borrowings notes [Abstract]				
Details of borrowings [Abstract]				
Details of borrowings [Line items]				
Borrowings	2,751.17	2,714.29	(A) 2,751.17	(B) 2,714.29
Nature of security [Abstract]				
Nature of security	Textual information (53) [See below]	Textual information (54) [See below]	Textual information (55) [See below]	Textual information (56) [See below]

Footnotes

(A) Loans from Joint Plant Committee - Steel Development Fund

(B) Loans from Joint Plant Committee - Steel Development Fund

Classification of borrowings [Table]

..(6)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Current [Member]			
Classification of borrowings [Axis]	Borrowings [Member]			
Subclassification of borrowings [Axis]	Secured/Unsecured borrowings [Member]		Secured borrowings [Member]	
	31/03/2023	31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Borrowings notes [Abstract]				
Details of borrowings [Abstract]				
Details of borrowings [Line items]				
Borrowings	7,298.12	11,984.66	1,003.45	0.85
Nature of security [Abstract]				
Nature of security			-	-

Classification of borrowings [Table]

..(7)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Current [Member]			
Classification of borrowings [Axis]	Borrowings [Member]		Term loans [Member]	
Subclassification of borrowings [Axis]	Unsecured borrowings [Member]		Unsecured borrowings [Member]	
	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Borrowings notes [Abstract]				
Details of borrowings [Abstract]				
Details of borrowings [Line items]				
Borrowings	6,294.67	11,983.81	0	4,800

Classification of borrowings [Table]

..(8)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Current [Member]			
Classification of borrowings [Axis]	Term loans from banks [Member]		Loans repayable on demand [Member]	
Subclassification of borrowings [Axis]	Unsecured borrowings [Member]		Secured borrowings [Member]	
	31/03/2023	31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Borrowings notes [Abstract]				
Details of borrowings [Abstract]				
Details of borrowings [Line items]				
Borrowings	0	4,800	1,003.45	0.85
Nature of security [Abstract]				
Nature of security			-	-

Classification of borrowings [Table]

..(9)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Current [Member]			
Classification of borrowings [Axis]	Loans repayable on demand from banks [Member]		Commercial paper [Member]	
Subclassification of borrowings [Axis]	Secured borrowings [Member]		Unsecured borrowings [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2023	31/03/2022
Borrowings notes [Abstract]				
Details of borrowings [Abstract]				
Details of borrowings [Line items]				
Borrowings	1,003.45	0.85	0	4,328.07
Nature of security [Abstract]				
Nature of security	-	-		

Classification of borrowings [Table]

..(10)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Current [Member]			
Classification of borrowings [Axis]	Other loans and advances [Member]		Other loans and advances, others [Member]	
Subclassification of borrowings [Axis]	Unsecured borrowings [Member]		Unsecured borrowings [Member]	
	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Borrowings notes [Abstract]				
Details of borrowings [Abstract]				
Details of borrowings [Line items]				
Borrowings	6,294.67	2,855.74	(A) 6,294.67	(B) 2,855.74

Footnotes

(A) Current maturities of long-term borrowings

(B) Current maturities of long-term borrowings

Details of bonds or debentures [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Details of bonds or debentures [Axis]	Debentures 1		Debentures 2	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Borrowings notes [Abstract]				
Details of bonds or debentures [Abstract]				
Details of bonds or debentures [Line items]				
Whether bonds or debentures	Debenture	Debenture	Debenture	Debenture
Nature of bond or debenture	Non-convertible	Non-convertible	Non-convertible	Non-convertible
Holder of bond or debenture	Others	Others	Others	Others
Rate of interest	9.84%	9.84%	8.15%	8.15%
Particulars of redemption or conversion	28/2/2031	28/2/2031	1/10/2026	1/10/2026
Nominal value per bond or debenture	[pure] 10,00,000	[pure] 10,00,000	[pure] 10,00,000	[pure] 10,00,000
Number of bonds or debentures	[pure] 43,150	[pure] 43,150	[pure] 10,000	[pure] 10,000
Amount of bonds or debentures issued during period	4,315	4,315	1,000	1,000
Number of allottees to whom bonds or debentures were issued	[pure] 4	[pure] 4	[pure] 1	[pure] 1
Earliest date of redemption	28/02/2031	28/02/2031	01/10/2026	01/10/2026
Nominal amount of bonds or debentures held by nominee or trustee of company	[pure] 0	[pure] 0	[pure] 0	[pure] 0
Book value of bonds or debentures held by nominee or trustee of company	[pure] 0	[pure] 0	[pure] 0	[pure] 0

Details of bonds or debentures [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Details of bonds or debentures [Axis]	Debentures 3		Debentures 4	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Borrowings notes [Abstract]				
Details of bonds or debentures [Abstract]				
Details of bonds or debentures [Line items]				
Whether bonds or debentures	Debenture	Debenture	Debenture	Debenture
Nature of bond or debenture	Non-convertible	Non-convertible	Non-convertible	Non-convertible
Holder of bond or debenture	Others	Others	Others	Others
Rate of interest	7.70%	7.70%	4.08%	4.08%
Particulars of redemption or conversion	13/5/2025	13/5/2025	2/6/2023	2/6/2023
Nominal value per bond or debenture	[pure] 10,00,000	[pure] 10,00,000	[pure] 10,00,000	[pure] 10,00,000
Number of bonds or debentures	[pure] 6,700	[pure] 6,700	[pure] 4,000	[pure] 4,000
Amount of bonds or debentures issued during period	670	670	400	400
Number of allottees to whom bonds or debentures were issued	[pure] 1	[pure] 1	[pure] 1	[pure] 1
Earliest date of redemption	13/03/2025	13/03/2025	02/06/2023	02/06/2023
Nominal amount of bonds or debentures held by nominee or trustee of company	[pure] 0	[pure] 0	[pure] 0	[pure] 0
Book value of bonds or debentures held by nominee or trustee of company	[pure] 0	[pure] 0	[pure] 0	[pure] 0

Details of bonds or debentures [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Details of bonds or debentures [Axis]	Debentures 5		Debentures 6	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Borrowings notes [Abstract]				
Details of bonds or debentures [Abstract]				
Details of bonds or debentures [Line items]				
Whether bonds or debentures	Debenture	Debenture	Debenture	Debenture
Nature of bond or debenture	Non-convertible	Non-convertible	Non-convertible	Non-convertible
Holder of bond or debenture	Others	Others	Others	Others
Rate of interest	3.45%	3.45%	3.30%	3.30%
Particulars of redemption or conversion	28/4/2023	28/4/2023	27/4/2023	27/4/2023
Nominal value per bond or debenture	[pure] 10,00,000	[pure] 10,00,000	[pure] 10,00,000	[pure] 10,00,000
Number of bonds or debentures	[pure] 5,000	[pure] 5,000	[pure] 10,000	[pure] 10,000
Amount of bonds or debentures issued during period	500	500	1,000	1,000
Number of allottees to whom bonds or debentures were issued	[pure] 1	[pure] 1	[pure] 1	[pure] 1
Earliest date of redemption	28/04/2023	28/04/2023	27/04/2023	27/04/2023
Nominal amount of bonds or debentures held by nominee or trustee of company	[pure] 0	[pure] 0	[pure] 0	[pure] 0
Book value of bonds or debentures held by nominee or trustee of company	[pure] 0	[pure] 0	[pure] 0	[pure] 0

Details of bonds or debentures [Table]

..(4)

Unless otherwise specified, all monetary values are in Crores of INR

Details of bonds or debentures [Axis]	Debentures 7		Debentures 8	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Borrowings notes [Abstract]				
Details of bonds or debentures [Abstract]				
Details of bonds or debentures [Line items]				
Whether bonds or debentures	Debenture	Debenture	Debenture	Debenture
Nature of bond or debenture	Non-convertible	Non-convertible	Non-convertible	Non-convertible
Holder of bond or debenture	Others	Others	Others	Others
Rate of interest	2.00%	2.00%	7.85%	7.85%
Particulars of redemption or conversion	22/4/2022	22/4/2022	17/04/2023	17/04/2023
Nominal value per bond or debenture	[pure] 10,00,000	[pure] 10,00,000	[pure] 10,00,000	[pure] 10,00,000
Number of bonds or debentures	[pure] 15,000	[pure] 15,000	[pure] 10,250	[pure] 10,250
Amount of bonds or debentures issued during period	1,500	1,500	1,025	1,025
Number of allottees to whom bonds or debentures were issued	[pure] 1	[pure] 1	[pure] 3	[pure] 3
Earliest date of redemption	22/04/2022	22/04/2022	17/04/2023	17/04/2023
Nominal amount of bonds or debentures held by nominee or trustee of company	[pure] 0	[pure] 0	[pure] 0	[pure] 0
Book value of bonds or debentures held by nominee or trustee of company	[pure] 0	[pure] 0	[pure] 0	[pure] 0

Details of bonds or debentures [Table]

..(5)

Unless otherwise specified, all monetary values are in Crores of INR

Details of bonds or debentures [Axis]	Debentures 9		Debentures 10	Debentures 11
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023
Borrowings notes [Abstract]				
Details of bonds or debentures [Abstract]				
Details of bonds or debentures [Line items]				
Whether bonds or debentures	Debenture	Debenture	Debenture	Debenture
Nature of bond or debenture	Non-convertible	Non-convertible	Non-convertible	Non-convertible
Holder of bond or debenture	Others	Others	Others	Others
Rate of interest	7.85%	7.85%	7.76%	8.03%
Particulars of redemption or conversion	21/04/2023	21/04/2023	20/09/2032	25/02/2028
Nominal value per bond or debenture	[pure] 10,00,000	[pure] 10,00,000	[pure] 10,00,000	[pure] 10,00,000
Number of bonds or debentures	[pure] 5,100	[pure] 5,100	[pure] 15,000	[pure] 2,15,000
Amount of bonds or debentures issued during period	510	510	1,500	21,500
Number of allottees to whom bonds or debentures were issued	[pure] 2	[pure] 2	[pure] 1	[pure] 1
Earliest date of redemption	21/04/2023	21/04/2023	20/09/2032	25/02/2028
Nominal amount of bonds or debentures held by nominee or trustee of company	[pure] 0	[pure] 0	[pure] 0	[pure] 0
Book value of bonds or debentures held by nominee or trustee of company	[pure] 0	[pure] 0	[pure] 0	[pure] 0

Details of bonds or debentures [Table]

..(6)

Unless otherwise specified, all monetary values are in Crores of INR

Details of bonds or debentures [Axis]	Debentures 12		Debentures 13	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Borrowings notes [Abstract]				
Details of bonds or debentures [Abstract]				
Details of bonds or debentures [Line items]				
Whether bonds or debentures	Debenture	Debenture	Debenture	Debenture
Nature of bond or debenture	Non-convertible	Non-convertible	Non-convertible	Non-convertible
Holder of bond or debenture	Others	Others	Others	Others
Rate of interest	7.95%	7.95%	8.25%	8.25%
Particulars of redemption or conversion	30/10/2023	30/10/2023	19/05/2023	19/05/2023
Nominal value per bond or debenture	[pure] 10,00,000	[pure] 10,00,000	[pure] 10,00,000	[pure] 10,00,000
Number of bonds or debentures	[pure] 5,000	[pure] 5,000	[pure] 10,000	[pure] 10,000
Amount of bonds or debentures issued during period	500	500	1,000	1,000
Number of allottees to whom bonds or debentures were issued	[pure] 1	[pure] 1	[pure] 1	[pure] 1
Earliest date of redemption	30/10/2023	30/10/2023	19/05/2023	19/05/2023
Nominal amount of bonds or debentures held by nominee or trustee of company	[pure] 0	[pure] 0	[pure] 0	[pure] 0
Book value of bonds or debentures held by nominee or trustee of company	[pure] 0	[pure] 0	[pure] 0	[pure] 0

Details of bonds or debentures [Table]

..(7)

Unless otherwise specified, all monetary values are in Crores of INR

Details of bonds or debentures [Axis]	Debentures 14
	01/04/2022 to 31/03/2023
Borrowings notes [Abstract]	
Details of bonds or debentures [Abstract]	
Details of bonds or debentures [Line items]	
Whether bonds or debentures	Debenture
Nature of bond or debenture	Non-convertible
Holder of bond or debenture	Others
Rate of interest	7.50%
Particulars of redemption or conversion	20/09/2027
Nominal value per bond or debenture	[pure] 10,00,000
Number of bonds or debentures	[pure] 5,000
Amount of bonds or debentures issued during period	500
Number of allottees to whom bonds or debentures were issued	[pure] 1
Earliest date of redemption	20/09/2027
Nominal amount of bonds or debentures held by nominee or trustee of company	[pure] 0
Book value of bonds or debentures held by nominee or trustee of company	[pure] 0

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023
Disclosure of notes on borrowings explanatory [TextBlock]	Textual information (57) [See below]

Textual information (53)**Nature of security**

It is secured by mortgages on all present and future immovable properties wherever situated and hypothecation of movable assets, excluding land and building mortgaged in favour of Government of India under the deed of mortgage dated April 13, 1967 and in favour of Government of Bihar under two deeds of mortgage dated May 11, 1963, immovable properties and movable assets of the Tubes Division, Bearings Division, Ferro Alloys Division and Cold Rolling Complex (West) at Tarapur and all investments and book debts of the Company subject to the prior charges created and/or to be created in favour of the bankers for securing borrowing for the working capital requirement and charges created and/or to be created on specific items of machinery and equipment procured/to be procured under deferred payment schemes/bill re-discounting schemes/asset credit schemes.

Textual information (54)**Nature of security**

It is secured by mortgages on all present and future immovable properties wherever situated and hypothecation of movable assets, excluding land and building mortgaged in favour of Government of India under the deed of mortgage dated April 13, 1967 and in favour of Government of Bihar under two deeds of mortgage dated May 11, 1963, immovable properties and movable assets of the Tubes Division, Bearings Division, Ferro Alloys Division and Cold Rolling Complex (West) at Tarapur and all investments and book debts of the Company subject to the prior charges created and/or to be created in favour of the bankers for securing borrowing for the working capital requirement and charges created and/or to be created on specific items of machinery and equipment procured/to be procured under deferred payment schemes/bill re-discounting schemes/asset credit schemes.

Textual information (55)

Nature of security

It is secured by mortgages on all present and future immovable properties wherever situated and hypothecation of movable assets, excluding land and building mortgaged in favour of Government of India under the deed of mortgage dated April 13, 1967 and in favour of Government of Bihar under two deeds of mortgage dated May 11, 1963, immovable properties and movable assets of the Tubes Division, Bearings Division, Ferro Alloys Division and Cold Rolling Complex (West) at Tarapur and all investments and book debts of the Company subject to the prior charges created and/or to be created in favour of the bankers for securing borrowing for the working capital requirement and charges created and/or to be created on specific items of machinery and equipment procured/to be procured under deferred payment schemes/bill re-discounting schemes/asset credit schemes.

Textual information (56)

Nature of security

It is secured by mortgages on all present and future immovable properties wherever situated and hypothecation of movable assets, excluding land and building mortgaged in favour of Government of India under the deed of mortgage dated April 13, 1967 and in favour of Government of Bihar under two deeds of mortgage dated May 11, 1963, immovable properties and movable assets of the Tubes Division, Bearings Division, Ferro Alloys Division and Cold Rolling Complex (West) at Tarapur and all investments and book debts of the Company subject to the prior charges created and/or to be created in favour of the bankers for securing borrowing for the working capital requirement and charges created and/or to be created on specific items of machinery and equipment procured/to be procured under deferred payment schemes/bill re-discounting schemes/asset credit schemes.

Textual information (57)

Disclosure of notes on borrowings explanatory [Text Block]

Borrowings

A. Non-current

		(Rs. crore)
	As at March 31, 2023	As at March 31, 2022
(a) Secured		
(i) Loans from Joint Plant Committee - Steel Development Fund	2,751.17	2,714.29
	2,751.17	2,714.29
(b) Unsecured		
(i) Non-convertible debentures	10,125.22	10,899.62
(ii) Term loans from banks/financial institutions	18,004.50	6,676.90
	28,129.72	17,576.52
	30,880.89	20,290.81

B. Current

		(Rs. crore)
	As at March 31, 2023	As at March 31, 2022
(a) Secured		
(i) Repayable on demand from banks	1,003.45	0.85
(b) Unsecured		
(i) Loans from banks	-	4,800.00
(ii) Current maturities of long-term borrowings	6,294.67	2,855.74
(iii) Commercial papers	-	4,328.07
	6,294.67	11,983.81
	7,298.12	11,984.66

(i) As at March 31, 2023, Rs.3,754.62 crore (March 31, 2022: Rs.2,715.14 crore) of the total outstanding borrowings were secured by a charge on property, plant and equipment, inventories, receivables and other current assets.

(ii) The security details of major borrowings as at March 31, 2023 is as below:

Loan from Joint Plant Committee-Steel Development Fund

It is secured by mortgages on all present and future immovable properties wherever situated and hypothecation of movable assets, excluding land and building mortgaged in favour of Government of India under the deed of mortgage dated April 13, 1967 and in favour of Government of Bihar under two deeds of mortgage dated May 11, 1963, immovable properties and movable assets of the Tubes Division, Bearings Division, Ferro

Alloys Division and Cold Rolling Complex (West) at Tarapur and all investments and book debts of the Company subject to the prior charges

created and/or to be created in favour of the bankers for securing borrowing for the working capital requirement and charges created and/or to be created on specific items of machinery and equipment procured/to be procured under deferred payment schemes/bill re-discounting schemes/asset credit schemes.

The loan is repayable in 16 equal semi-annual instalments after completion of four years from the date of the tranche.

The Company filed a writ petition before the High Court at Calcutta in February 2006 claiming waiver of the outstanding loan and interest and refund of the balance lying with Steel Development Fund (SDF). The Writ Petition was decided by judgment dated August 3, 2022. By the judgment, the High Court declared that the corpus of SDF can only be utilised for the benefit of the main steel producers. However, the waiver of loan as sought by the Company was not allowed. Hence, against the judgment the Company filed an appeal in the High Court.

The appeal has been decided on January 3, 2023. By the final order, High Court has directed the Company to submit a fresh representation to Union of India and fixed a time of three months for Union of India to take a decision on the representation. The Company has submitted the representation on March 28, 2023.

The loan includes funded interest Rs.1,111.84 crore (March 31, 2022: Rs.1,074.96 crore).

It includes Rs.1,639.33 crore (March 31, 2022: Rs.1,639.33 crore) representing repayments and interest on earlier loans for which applications of funding are awaiting sanction.

(iii) As at March 31, 2023, the register of charges of the Company as available in records of the Ministry of Corporate Affairs (MCA) includes charges that were created/modified since the inception of the Company. There are certain charges which are historic in nature and it involves practical challenges in obtaining no-objection certificates (NOCs) from the charge holders of such charges, despite repayment of the underlying loans. The Company is in the continuous process of filing the charge satisfaction e-form with MCA, within the timelines, as and when it receives NOCs from the respective charge holders.

(iv) The Company has filed quarterly returns or statements with the banks in lieu of the sanctioned working capital facilities, which are in agreement with the books of account other than those as set out below.

							(Rs. crore)
Name of the Bank	Aggregate working capital limits sanctioned	Amount utilised during the quarter	Quarter ended	Amount disclosed as per quarterly return / statement	Amount as per books of account	Difference	Reason for variance*
State bank of India and consortium of banks#	2,000.00	-	December 31, 2022	12,594.47	12,572.90	21.57	Primarily inclusion of certain liabilities not forming part of creditors for goods.
							(Rs. crore)
Name of the Bank	Aggregate working capital limits sanctioned	Amount utilised during the quarter	Quarter ended	Amount disclosed as per quarterly return / statement	Amount as per books of account	Difference	Reason for variance*
State bank of India and consortium of banks#	2,000.00	-	June 30, 2021	6,973.00	6,409.24	563.76	Primarily inclusion of certain liabilities not forming part of creditors for goods.
	2,000.00	-	September 30, 2021	6,281.30	5,754.56	526.74	
	2,000.00	-	December 31, 2021	14,533.00	14,007.35	525.65	

	2,000.00	-	March 31, 2022	16,857.04	16,332.53	524.51	
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* The above differences represents balance of creditors as at each reporting date.

Pari-passu charge is created on the Company's entire current assets namely stock of raw materials, finished goods, stocks-in-process, consumables stores and spares and book debts at its plant sites or anywhere else, in favour of the bank, by way of hypothecation.

(v) The details of major unsecured borrowings as at March 31, 2023 are as below:

(a) Non-Convertible Debentures

The details of debentures issued/redeemed by the Company are as below:

(i) 7.76% p.a. interest bearing 15,000 debentures of face value Rs.10,00,000 each are redeemable at par on September 20, 2032.

(ii) 9.84% p.a. interest bearing 43,150 debentures of face value Rs.10,00,000 each are redeemable at par in 4 equal annual instalments commencing from February 28, 2031.

(iii) 8.03% p.a. interest bearing 2,15,000 debentures of face value Rs.1,00,000 each are redeemable at par on February 25, 2028.

(iv) 7.50% p.a. interest bearing 5,000 debentures of face value Rs.10,00,000 each are redeemable at par on September 20, 2027.

(v) 8.15% p.a. interest bearing 10,000 debentures of face value Rs.10,00,000 each are redeemable at par on October 1, 2026.

(vi) 7.70% p.a. interest bearing 6,700 debentures of face value Rs.10,00,000 each are redeemable at par on March 13, 2025.

(vii) 7.95% p.a. interest bearing 5,000 debentures of face value Rs.10,00,000 each are redeemable at par on October 30, 2023.

(viii) Repo rate plus 4.08% p.a. interest bearing 4,000 debentures of face value Rs.10,00,000 each are redeemable at par on June 2, 2023.

(ix) 8.25% p.a. interest bearing 10,000 debentures of face value Rs.10,00,000 each are redeemable at par on May 19, 2023.

(x) Repo rate plus 3.45% p.a. interest bearing 5,000 debentures of face value Rs.10,00,000 each are redeemable at par on April 28, 2023.

(xi) Repo rate plus 3.30% p.a. interest bearing 10,000 debentures of face value Rs.10,00,000 each are redeemable at par on April 27, 2023.

(xii) 7.85% p.a. interest bearing 5,100 debentures of face value Rs.10,00,000 each are redeemable at par on April 21, 2023.

(xiii) 7.85% p.a. interest bearing 10,250 debentures of face value Rs.10,00,000 each are redeemable at par on April 17, 2023.

(xiv) 2.00% p.a. interest bearing 15,000 debentures of face value Rs.10,00,000 each has been redeemed at a premium of 85.03% of the face value during the year.

(b) Term loans from banks/financial institutions

The details of loans from banks and financial institutions availed/repaid by the Company are as below:

(i) Rupee loan amounting Rs.1,320.00 crore (March 31, 2022: Rs.1,320.00 crore) is repayable in 3 semi-annual instalments, the next instalment is

due on August 31, 2029.

(ii) Rupee loan amounting Rs.1,000.00 crore (March 31, 2022: Nil) is repayable on August 30, 2029.

(iii) Rupee loan amounting Rs.500.00 crore (March 31, 2022: Nil) is repayable on December 11, 2027

(iv) Rupee loan amounting Rs.100.00 crore (March 31, 2022: Nil) is repayable on December 8, 2027.

(v) Rupee loan amounting Rs. 400.00 crore (March 31, 2022: Nil) is repayable on September 14, 2027.

(vi) Rupee loan amounting Rs.595.00 crore (March 31, 2022: Rs.595.00 crore) is repayable in 4 semi-annual instalments, the next instalment is due on October 16, 2026.

(vii) Rupee loan amounting Rs.700.00 crore (March 31, 2022: Nil) is repayable in 8 annual instalments, the next instalment is due on August 11, 2025.

(viii) Rupee loan amounting Rs.520.00 crore (March 31, 2022: Rs.520.00 crore) is repayable in 5 semi-annual instalments, the next instalment is due on June 30, 2025.

(ix) Rupee loan amounting Rs.500.00 crore (March 31, 2022: Nil) is repayable on June 24, 2024.

(x) Rupee loan amounting Rs.500.00 crore (March 31, 2022: Nil) is repayable on June 22, 2024.

(xi) Rupee loan amounting Rs.500.00 crore (March 31, 2022: Nil) is repayable on June 17, 2024.

(xii) Rupee loan amounting Rs.926.24 crore (March 31, 2022: Rs.930.42 crore) is repayable in 14 semi-annual instalments, the next instalment is due on November 15, 2023.

(xiii) Rupee loan amounting Rs.300.00 crore (March 31, 2022: Nil) is repayable in 5 annual instalments, the next instalment is due on September 30, 2023.

(xiv) Rupee loan amounting Rs.396.00 crore (March 31, 2022: Nil) is repayable in 19 semi-annual instalments, the next instalment is due on September 30, 2023.

(xv) Rupee loan amounting Rs.700.00 crore (March 31, 2022: Nil) is repayable in 5 annual instalments, the next instalment is due on September 30, 2023.

(xvi) Rupee loan amounting Rs.594.00 crore (March 31, 2022: Nil) is repayable in 19 semi-annual instalments, the next instalment is due on September 30, 2023.

(xvii) Rupee loan amounting Rs.495.00 crore (March 31, 2022: Nil) is repayable in 19 semi-annual instalments, the next instalment is due on September 30, 2023.

(xviii) Rupee loan amounting Rs.990.00 crore (March 31, 2022: Nil) is repayable in 19 semi-annual instalments, the next instalment is due on September 30, 2023

(xix) USD 440 million equivalent to Rs.3,616.03 crore (March 31, 2022: USD 440.00 million equivalent to Rs.3,335.09 crore) loan is repayable in 3 equal annual instalments commencing from September 11, 2023.

(xx) Rupee loan amounting Rs.495.00 crore (March 31, 2022: Nil) is repayable in 19 semi-annual instalments, the next instalment is due on September 7, 2023.

(xxi) Rupee loan amounting Rs.198.00 crore (March 31, 2022: Nil) is repayable in 19 semi-annual instalments, the next instalment is due on September 1, 2023.

(xxii) Rupee loan amounting Rs.544.50 crore (March 31, 2022: Nil) is repayable in 19 semi-annual instalments, the next instalment is due on September 1, 2023.

(xxiii) Rupee loan amounting Rs.990.00 crore (March 31, 2022: Nil) is repayable in 19 semi-annual instalments, the next instalment is due on June 30, 2023.

(xxiv) Rupee loan amounting Rs.1,500.00 crore (March 31, 2022: Nil) is repayable in 20 semi-annual instalments, the next instalment is due on June 30, 2023.

(xxv) Rupee loan amounting Rs.500.00 crore (March 31, 2022: Nil) is repayable in 20 semi-annual instalments, the next instalment is due on June 30, 2023.

(xxvi) Rupee loan amounting Rs.500.00 crore (March 31, 2022: Nil) is repayable in 20 semi-annual instalments, the next instalment is due on June 30, 2023

(xxvii) Euro 9.55 million equivalent to Rs.80.37 crore as on March 31, 2022 due for repayment on April 30, 2022, had been fully repaid during the year.

(c) Commercial papers raised by the Company are short-term in nature ranging between eleven days to six months. (vi) Currency and interest exposure of borrowings including current maturities is as below:

						(Rs. crore)
	As at March 31, 2023			As at March 31, 2022		
	Fixed rate	Floating rate	Total	Fixed rate	Floating rate	Total
INR	14,508.72	20,066.83	34,575.55	16,106.29	12,775.79	28,882.08
EURO	-	-	-	66.56	13.82	80.38
USD	-	3,603.46	3,603.46	-	3,313.01	3,313.01
Total	14,508.72	23,670.29	38,179.01	16,172.85	16,102.62	32,275.47

INR-Indian Rupees, USD-United States Dollars.

(vii) Majority of floating rate borrowings are bank/financial institution borrowings and debentures bearing interest rates based on Marginal Cost of Lending Rate (MCLR), Repo rate and LIBOR. Of the total floating rate borrowings as at March 31, 2023, Rs.3,616.03 crore (March 31, 2022: Rs.3,335.09 crore) has been hedged using cross currency swaps and interest rate swaps, with contracts covering period of more than one year.

(viii) Maturity profile of borrowings including current maturities is as below:

		(Rs. crore)
	As at March 31, 2023	As at March 31, 2022
Not later than one year or on demand	7,302.54	11,984.74
Later than one year but not two years	3,582.84	6,064.62
Later than two years but not three years	1,614.34	1,844.20
Later than three years but not four years	1,609.00	1,361.70
Later than four years but not five years	5,316.00	1,450.00

More than five years	18,779.68	9,614.29
	38,204.40	32,319.55
Less: Capitalisation of transaction costs	25.39	44.08
	38,179.01	32,275.47

(ix) Some of the Company's major financing arrangements include financial covenants, which require compliance to certain debt-equity and debt coverage ratios. Additionally, certain negative covenants may limit the Company's ability to borrow additional funds or to incur additional liens, and/or provide for increased costs in case of breach.

[612700] Notes - Income taxes

Disclosure of temporary difference, unused tax losses and unused tax credits [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Temporary difference, unused tax losses and unused tax credits [Axis]	Temporary difference, unused tax losses and unused tax credits [Member]			Temporary differences [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	
Deferred tax relating to items credited (charged) directly to equity	0	0		0
Disclosure of temporary difference, unused tax losses and unused tax credits [Abstract]				
Disclosure of temporary difference, unused tax losses and unused tax credits [Line items]				
Deferred tax assets and liabilities [Abstract]				
Deferred tax assets	6,266.02	6,676.06		6,266.02
Deferred tax liabilities	14,950.17	14,763.63		14,950.17
Net deferred tax liability (assets)	8,684.15	8,087.57	8,517.78	8,684.15
Deferred tax expense (income) [Abstract]				
Deferred tax expense (income)				
Deferred tax expense (income) recognised in profit or loss	598.76	-532.47		598.76
Reconciliation of changes in deferred tax liability (assets) [Abstract]				
Changes in deferred tax liability (assets) [Abstract]				
Deferred tax expense (income) recognised in profit or loss	598.76	-532.47		598.76
Deferred tax relating to items credited (charged) directly to equity	0	0		0
Aggregated income tax relating to components of other comprehensive income	-2.18	102.26		-2.18
Total increase (decrease) in deferred tax liability (assets)	596.58	-430.21		596.58
Deferred tax liability (assets) at end of period	8,684.15	8,087.57	8,517.78	8,684.15
Description of other temporary differences	Total	Total		-

Disclosure of temporary difference, unused tax losses and unused tax credits [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Temporary difference, unused tax losses and unused tax credits [Axis]	Temporary differences [Member]		Depreciation amortisation impairment [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Deferred tax relating to items credited (charged) directly to equity	0		0	0
Disclosure of temporary difference, unused tax losses and unused tax credits [Abstract]				
Disclosure of temporary difference, unused tax losses and unused tax credits [Line items]				
Deferred tax assets and liabilities [Abstract]				
Deferred tax assets	6,676.06			
Deferred tax liabilities	14,763.63		14,170.12	14,262.8
Net deferred tax liability (assets)	8,087.57	8,517.78	14,170.12	14,262.8
Deferred tax expense (income) [Abstract]				
Deferred tax expense (income)				
Deferred tax expense (income) recognised in profit or loss	-532.47		-92.68	143.65
Reconciliation of changes in deferred tax liability (assets) [Abstract]				
Changes in deferred tax liability (assets) [Abstract]				
Deferred tax expense (income) recognised in profit or loss	-532.47		-92.68	143.65
Deferred tax relating to items credited (charged) directly to equity	0		0	0
Aggregated income tax relating to components of other comprehensive income	102.26			
Total increase (decrease) in deferred tax liability (assets)	-430.21		-92.68	143.65
Deferred tax liability (assets) at end of period	8,087.57	8,517.78	14,170.12	14,262.8
Description of other temporary differences	-		Property, plant and equipment and intangible assets	Property, plant and equipment and intangible assets

Disclosure of temporary difference, unused tax losses and unused tax credits [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Temporary difference, unused tax losses and unused tax credits [Axis]	Depreciation amortisation impairment [Member]	Other temporary differences [Member]		
		01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Disclosure of temporary difference, unused tax losses and unused tax credits [Abstract]				
Disclosure of temporary difference, unused tax losses and unused tax credits [Line items]				
Deferred tax assets and liabilities [Abstract]				
Deferred tax assets		6,266.02	6,676.06	
Deferred tax liabilities		780.05	500.83	
Net deferred tax liability (assets)	14,119.15	-5,485.97	-6,175.23	-5,601.37
Deferred tax expense (income) [Abstract]				
Deferred tax expense (income)				
Deferred tax expense (income) recognised in profit or loss		691.44	-676.12	
Reconciliation of changes in deferred tax liability (assets) [Abstract]				
Changes in deferred tax liability (assets) [Abstract]				
Deferred tax expense (income) recognised in profit or loss		691.44	-676.12	
Aggregated income tax relating to components of other comprehensive income		-2.18	102.26	
Total increase (decrease) in deferred tax liability (assets)		689.26	-573.86	
Deferred tax liability (assets) at end of period	14,119.15	-5,485.97	-6,175.23	-5,601.37
Description of other temporary differences		-	-	

Disclosure of temporary difference, unused tax losses and unused tax credits [Table]

..(4)

Unless otherwise specified, all monetary values are in Crores of INR

Temporary difference, unused tax losses and unused tax credits [Axis]	Other temporary differences 1 [Member]			Other temporary differences 2 [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023
Disclosure of temporary difference, unused tax losses and unused tax credits [Abstract]				
Disclosure of temporary difference, unused tax losses and unused tax credits [Line items]				
Deferred tax assets and liabilities [Abstract]				
Deferred tax liabilities	305.7	303.33		474.35
Net deferred tax liability (assets)	305.7	303.33	347.56	474.35
Deferred tax expense (income) [Abstract]				
Deferred tax expense (income)				
Deferred tax expense (income) recognised in profit or loss	4.55	-146.49		276.85
Reconciliation of changes in deferred tax liability (assets) [Abstract]				
Changes in deferred tax liability (assets) [Abstract]				
Deferred tax expense (income) recognised in profit or loss	4.55	-146.49		276.85
Aggregated income tax relating to components of other comprehensive income	-2.18	102.26		
Total increase (decrease) in deferred tax liability (assets)	2.37	-44.23		276.85
Deferred tax liability (assets) at end of period	305.7	303.33	347.56	474.35
Description of other temporary differences	Others	Others		Loans

Disclosure of temporary difference, unused tax losses and unused tax credits [Table]

..(5)

Unless otherwise specified, all monetary values are in Crores of INR

Temporary difference, unused tax losses and unused tax credits [Axis]	Other temporary differences 2 [Member]		Other temporary differences 3 [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of temporary difference, unused tax losses and unused tax credits [Abstract]				
Disclosure of temporary difference, unused tax losses and unused tax credits [Line items]				
Deferred tax assets and liabilities [Abstract]				
Deferred tax assets			2,666.23	2,986.5
Deferred tax liabilities	197.5			
Net deferred tax liability (assets)	197.5	0	-2,666.23	-2,986.5
Deferred tax expense (income) [Abstract]				
Deferred tax expense (income)				
Deferred tax expense (income) recognised in profit or loss	197.5		320.27	0
Reconciliation of changes in deferred tax liability (assets) [Abstract]				
Changes in deferred tax liability (assets) [Abstract]				
Deferred tax expense (income) recognised in profit or loss	197.5		320.27	0
Total increase (decrease) in deferred tax liability (assets)	197.5		320.27	0
Deferred tax liability (assets) at end of period	197.5	0	-2,666.23	-2,986.5
Description of other temporary differences	Loans		Investments	Investments

Disclosure of temporary difference, unused tax losses and unused tax credits [Table]

..(6)

Unless otherwise specified, all monetary values are in Crores of INR

Temporary difference, unused tax losses and unused tax credits [Axis]	Other temporary differences 3 [Member]	Other temporary differences 4 [Member]			
		01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	
Disclosure of temporary difference, unused tax losses and unused tax credits [Abstract]					
Disclosure of temporary difference, unused tax losses and unused tax credits [Line items]					
Deferred tax assets and liabilities [Abstract]					
Deferred tax assets		133.96	133.96		
Net deferred tax liability (assets)	-2,986.5	-133.96	-133.96		-133.96
Deferred tax expense (income) [Abstract]					
Deferred tax expense (income)					
Deferred tax expense (income) recognised in profit or loss		0	0		
Reconciliation of changes in deferred tax liability (assets) [Abstract]					
Changes in deferred tax liability (assets) [Abstract]					
Deferred tax expense (income) recognised in profit or loss		0	0		
Total increase (decrease) in deferred tax liability (assets)		0	0		
Deferred tax liability (assets) at end of period	-2,986.5	-133.96	-133.96		-133.96
Description of other temporary differences		Retirement obligations	benefit	Retirement obligations	benefit

Disclosure of temporary difference, unused tax losses and unused tax credits [Table]

..(7)

Unless otherwise specified, all monetary values are in Crores of INR

Temporary difference, unused tax losses and unused tax credits [Axis]	Other temporary differences 5 [Member]		
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Disclosure of temporary difference, unused tax losses and unused tax credits [Abstract]			
Disclosure of temporary difference, unused tax losses and unused tax credits [Line items]			
Deferred tax assets and liabilities [Abstract]			
Deferred tax assets	3,465.83	3,555.6	
Net deferred tax liability (assets)	-3,465.83	-3,555.6	-2,828.47
Deferred tax expense (income) [Abstract]			
Deferred tax expense (income)			
Deferred tax expense (income) recognised in profit or loss	89.77	-727.13	
Reconciliation of changes in deferred tax liability (assets) [Abstract]			
Changes in deferred tax liability (assets) [Abstract]			
Deferred tax expense (income) recognised in profit or loss	89.77	-727.13	
Total increase (decrease) in deferred tax liability (assets)	89.77	-727.13	
Deferred tax liability (assets) at end of period	-3,465.83	-3,555.6	-2,828.47
Description of other temporary differences	Expenses allowable for tax purposes when paid/written of	Expenses allowable for tax purposes when paid/written of	

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Disclosure of income tax [TextBlock]	Textual information (58) [See below]		
Major components of tax expense (income) [Abstract]			
Current tax expense (income) and adjustments for current tax of prior periods [Abstract]			
Current tax expense (income)	4,928.05	11,611.94	
Total current tax expense (income) and adjustments for current tax of prior periods	4,928.05	11,611.94	
Other components of deferred tax expense (income)	598.76	-532.47	
Total tax expense (income)	5,526.81	11,079.47	
Current and deferred tax relating to items charged or credited directly to equity [Abstract]			
Deferred tax relating to items credited (charged) directly to equity	0	0	
Income tax relating to components of other comprehensive income [Abstract]			
Others income tax relating to components of other comprehensive income that will not be reclassified to profit or loss	48.05	69.79	
Others income tax relating to components of other comprehensive income that will be reclassified to profit or loss	20.5	34.37	
Total aggregated income tax relating to components of other comprehensive income	68.55	104.16	
Disclosure of temporary difference, unused tax losses and unused tax credits [TextBlock]			
Disclosure of temporary difference, unused tax losses and unused tax credits [Abstract]			
Deferred tax assets and liabilities [Abstract]			
Deferred tax assets	6,266.02	6,676.06	
Deferred tax liabilities	14,950.17	14,763.63	
Net deferred tax liability (assets)	8,684.15	8,087.57	8,517.78
Deferred tax expense (income) [Abstract]			
Deferred tax expense (income) recognised in profit or loss	598.76	-532.47	
Reconciliation of changes in deferred tax liability (assets) [Abstract]			
Changes in deferred tax liability (assets) [Abstract]			
Deferred tax expense (income) recognised in profit or loss	598.76	-532.47	
Deferred tax relating to items credited (charged) directly to equity	0	0	
Aggregated income tax relating to components of other comprehensive income	-2.18	102.26	
Total increase (decrease) in deferred tax liability (assets)	596.58	-430.21	
Deferred tax liability (assets) at end of period	8,684.15	8,087.57	8,517.78
Description of other temporary differences	Total	Total	
Reconciliation of accounting profit multiplied by applicable tax rates [Abstract]			
Accounting profit	21,021.92	44,090.65	
Tax expense (income) at applicable tax rate	5,290.8	11,096.73	
Tax effect of expense not deductible in determining taxable profit (tax loss)	-29.86	-17.26	
Other tax effects for reconciliation between accounting profit and tax expense (income)	(A) 265.87	0	
Total tax expense (income)	5,526.81	11,079.47	
Reconciliation of average effective tax rate and applicable tax rate [Abstract]			
Accounting profit	21,021.92	44,090.65	
Applicable tax rate	25.17%	25.17%	
Total average effective tax rate	25.17%	25.17%	

Footnotes

(A) Disallowances in respect of impairment of investments and advances

Textual information (58)

Disclosure of income tax [Text Block]

Income tax

A. Income tax expense/(benefit)

The Company is subject to income tax in India on the basis of its financial statements. The Company can claim tax exemptions/ deductions under specific sections of the Income Tax Act, 1961 subject to fulfilment of prescribed conditions, as may be applicable. The Company during the year ended March 31, 2020 had opted for the new tax regime under Section 115BAA of the Act, which provides a domestic company with an option to pay tax at a rate of 22% (effective rate of 25.168%). The lower rate shall be applicable subject to certain conditions, including that the total income should be computed without claiming specific deduction or exemptions.

As per the tax laws, business loss can be carried forward for a maximum period of eight assessment years immediately succeeding the assessment year to which the loss pertains. Unabsorbed depreciation can be carried forward for an indefinite period.

The reconciliation of estimated income tax to income tax expense is as below:

		(Rs crore)
	Year ended March 31, 2023	Year ended March 31, 2022
Profit/(loss) before tax	21,021.92	44,090.65
Expected income tax expense at statutory income tax rate of 25.168 % (2021-22 : 25.168 %)	5,290.80	11,096.73
(a) Disallowances in respect of impairment of investments and advances	265.87	-
(b) Other incomes/expense exempt from tax/ Items not deductible	(29.86)	(17.26)
Tax expense as reported	5,526.81	11,079.47

B. Deferred tax assets/(liabilities)

(i) Components of deferred tax assets and liabilities as at March 31, 2023 is as below:

					(Rs. crore)
	Balance as at April 1, 2022	Recognised/ (reversed) in profit and loss during the year	Recognised in other comprehensive income during the year	Recognised in equity during the year	Balance as at March 31, 2023
Deferred tax assets:					
Investments	2,986.50	(320.27)	-	-	2,666.23
Retirement benefit obligations	133.96	-	-	-	133.96
Expenses allowable for tax purposes when paid/written of	3,555.60	(89.77)	-	-	3,465.83
	6,676.06	(410.04)	-	-	6,266.02
Deferred tax liabilities:					

Property, plant and equipment and intangible assets	14,262.80	(92.68)	-	-	14,170.12
Loans	197.50	276.85	-	-	474.35
Others	303.33	4.55	(2.18)	-	305.70
	14,763.63	188.72	(2.18)	-	14,950.17
Net deferred tax assets/(liabilities)	(8,087.57)	(598.76)	2.18	-	(8,684.15)
Disclosed as:					
Deferred tax liabilities (net)	(8,087.57)				(8,684.15)

Components of deferred tax assets and liabilities as at March 31, 2022 is as below:

					(Rs. crore)
	Balance as at April 1, 2021	Recognised/ (reversed) in profit and loss during the year	Recognised in other comprehensive income during the year	Recognised in equity during the year	Balance as at March 31, 2022
Deferred tax assets:					
Investments	2,986.50	-	-	-	2,986.50
Retirement benefit obligations	133.96	-	-	-	133.96
Expenses allowable for tax purposes when paid/written off	2,828.47	727.13	-	-	3,555.60
	5,948.93	727.13	-	-	6,676.06
Deferred tax liabilities:					
Property, plant and equipment and intangible assets	14,119.15	143.65	-	-	14,262.80
Loans	-	197.50	-	-	197.50
Others	347.56	(146.49)	102.26	-	303.33
	14,466.71	194.66	102.26	-	14,763.63
Net deferred tax assets/(liabilities)	(8,517.78)	532.47	(102.26)	-	(8,087.57)
Disclosed as:					
Deferred tax liabilities (net)	(8,517.78)				(8,087.57)

(ii) Deferred tax assets amounting to Rs.7,967.37 crore as at March 31, 2023 (March 31, 2022: Rs.7,967.37 crore) on fair value adjustment recognised in respect of investments held in a subsidiary on transition to Ind AS has not been recognised due to uncertainty surrounding availability of future taxable income against which such loss can be offset.

[611000] Notes - Exploration for and evaluation of mineral resources

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of exploration and evaluation assets [TextBlock]		
Whether there are any exploration and evaluation activities	No	No

[611900] Notes - Accounting for government grants and disclosure of government assistance

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of accounting for government grants and disclosure of government assistance [TextBlock]		
Whether company has received any government grant or government assistance	No	No

[401100] Notes - Subclassification and notes on liabilities and assets**Subclassification of trade receivables [Table]**

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Current [Member]			
	Classification of assets based on security [Member]		Unsecured considered good [Member]	
	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Disclosure of notes on trade receivables [Abstract]				
Subclassification of trade receivables [Abstract]				
Subclassification of trade receivables [Line items]				
Breakup of trade receivables [Abstract]				
Trade receivables, gross	3,555.67	3,452.89	3,555.67	3,452.89
Allowance for bad and doubtful debts	203.95	172.59	203.95	172.59
Total trade receivables	3,351.72	3,280.3	3,351.72	3,280.3
Details of trade receivables due by directors, other officers or others [Abstract]				
Trade receivables due by directors			0	0
Trade receivables due by other officers			0	0
Total trade receivables due by directors, other officers or others			0	0
Details of trade receivables due by firms or companies in which any director is partner or director [Abstract]				
Trade receivables due by firms in which any director is partner			0	0
Total trade receivables due by firms or companies in which any director is partner or director			0	0

Other current financial assets others [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Other current financial assets others [Axis]	Other current financial assets others 1		Other current financial assets others 2	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Other current financial assets [Abstract]				
Other current financial assets others	(A) 72.38	(B) 17.7	(C) 688.52	(D) 698.06
Other current financial assets others [Abstract]				
Other current financial assets others [Line items]				
Description other current financial assets others	Interest accrued on deposits and loans	Interest accrued on deposits and loans	Others - Considered good - Unsecured	Others - Considered good - Unsecured
Other current financial assets others	(A) 72.38	(B) 17.7	(C) 688.52	(D) 698.06

Footnotes

(A)

Particulars	2022-23
Considered good - Unsecured	72.38
Credit impaired	14.30
Less: Allowance for credit losses	-14.30
Total	72.38

(B)

Particulars	2021-22
Considered good - Unsecured	17.70
Credit impaired	14.30
Less: Allowance for credit losses	-14.30
Total	17.70

(C)

Particulars	2022-23
Considered good - Unsecured	688.52
Unsecured, considered doubtful	144.25
Less: Allowance for credit losses	-144.25
Total	688.52

(D)

Particulars	2021-22
Considered good - Unsecured	698.06
Unsecured, considered doubtful	144.25
Less: Allowance for credit losses	-144.25
Total	698.06

Other non-current liabilities others [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Other non-current liabilities others [Axis]	Other non-current liabilities others 1		Other non-current liabilities others 2	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Other non-current liabilities [Abstract]				
Other non-current liabilities others	302.98	399.37	1,384.08	1,586.09
Other non-current liabilities others [Abstract]				
Other non-current liabilities others [Line items]				
Description of other non-current liabilities others	Retiring gratuities	Retiring gratuities	Post retirement medical benefits	Post retirement medical benefits
Other non-current liabilities others	302.98	399.37	1,384.08	1,586.09

Other non-current liabilities others [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Other non-current liabilities others [Axis]	Other non-current liabilities others 3		Other non-current liabilities others 4	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Other non-current liabilities [Abstract]				
Other non-current liabilities others	292.27	330.45	2,146.11	3,562.63
Other non-current liabilities others [Abstract]				
Other non-current liabilities others [Line items]				
Description of other non-current liabilities others	Other defined benefits	Other defined benefits	Advances received from customers	Advances received from customers
Other non-current liabilities others	292.27	330.45	2,146.11	3,562.63

Other non-current liabilities others [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Other non-current liabilities others [Axis]	Other non-current liabilities others 5		Other non-current liabilities others 6	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Other non-current liabilities [Abstract]				
Other non-current liabilities others	(A) 1,707.54	(B) 1,302.33	0.35	0.74
Other non-current liabilities others [Abstract]				
Other non-current liabilities others [Line items]				
Description of other non-current liabilities others	Other credit balances	Other credit balances	Deferred income	Deferred income
Other non-current liabilities others	(A) 1,707.54	(B) 1,302.33	0.35	0.74

Footnotes

(A) Other credit balances includes GST compensation cess and interest thereon amounting to Rs.1,678.33 crore.

(B) Other credit balances includes GST compensation cess and interest thereon amounting to Rs.1,274.11 crore.

Other non-current liabilities others [Table]

..(4)

Unless otherwise specified, all monetary values are in Crores of INR

Other non-current liabilities others [Axis]	Other non-current liabilities others 7	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Subclassification and notes on liabilities and assets [Abstract]		
Other non-current liabilities [Abstract]		
Other non-current liabilities others	24.85	22.33
Other non-current liabilities others [Abstract]		
Other non-current liabilities others [Line items]		
Description of other non-current liabilities others	Statutory dues	Statutory dues
Other non-current liabilities others	24.85	22.33

Other non-current financial assets, others [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of other non-current financial assets others [Axis]	Other non-current financial assets others 1		Other non-current financial assets others 2	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Other non-current financial assets notes [Abstract]				
Other non-current financial assets [Abstract]				
Other non-current financial assets, others	75.19	79.6	51.81	50.33
Other non-current financial assets, others [Abstract]				
Other non-current financial assets, others [Line items]				
Description other non-current financial assets, others	Earmarked balances with banks	Earmarked balances with banks	Others - Considered good - Unsecured	Others - Considered good - Unsecured
Other non-current financial assets, others	75.19	79.6	51.81	50.33

Other non-current financial assets, others [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of other non-current financial assets others [Axis]	Other non-current financial assets others 3	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Subclassification and notes on liabilities and assets [Abstract]		
Other non-current financial assets notes [Abstract]		
Other non-current financial assets [Abstract]		
Other non-current financial assets, others	(A) 205.62	(B) 250.67
Other non-current financial assets, others [Abstract]		
Other non-current financial assets, others [Line items]		
Description other non-current financial assets, others	Security deposits	Security deposits
Other non-current financial assets, others	(A) 205.62	(B) 250.67

Footnotes

(A)

Particulars	2022-23
Considered good - Unsecured	205.62
Credit impaired	83.89
Less: Allowance for credit losses	-83.89
Total	205.62

(B)

Particulars	2021-22
Considered good - Unsecured	250.67
Credit impaired	83.97
Less: Allowance for credit losses	-83.97
Total	250.67

Other current financial liabilities, others [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Other current financial liabilities, others [Axis]	Other current financial liabilities, others 1	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Subclassification and notes on liabilities and assets [Abstract]		
Disclosure of other current financial liabilities notes [Abstract]		
Other current financial liabilities [Abstract]		
Other current financial liabilities, others	4,973.3	4,499.74
Other current financial liabilities, others [Abstract]		
Other current financial liabilities, others [Line items]		
Description of other current financial liabilities, others	Creditors for other liabilities	Creditors for other liabilities
Other current financial liabilities, others	4,973.3	4,499.74

Details of advances [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Non-current [Member]			
Classification of advances [Axis]	Advances [Member]			
Classification of assets based on security [Axis]	Unsecured considered good [Member]		Doubtful [Member]	
	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Disclosure of notes on advances [Abstract]				
Disclosure of advances [Abstract]				
Disclosure of advances [Line items]				
Advances	3,318.72	3,301.78	0	0
Details of advance due by directors other officers or others [Abstract]				
Advance due by directors	0	0	0	0
Advance due by other officers	0	0	0	0
Total advance due by directors other officers or others	0	0	0	0
Details of advance due by firms or companies in which any director is partner or director [Abstract]				
Advance due by firms in which any director is partner	0	0	0	0
Total advance due by firms or companies in which any director is partner or director	0	0	0	0

Details of advances [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Non-current [Member]			
Classification of advances [Axis]	Capital advances [Member]			
Classification of assets based on security [Axis]	Unsecured considered good [Member]		Doubtful [Member]	
	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Disclosure of notes on advances [Abstract]				
Disclosure of advances [Abstract]				
Disclosure of advances [Line items]				
Advances	1,235.15	1,252.96	(A) 0	(B) 0
Details of advance due by directors other officers or others [Abstract]				
Advance due by directors	0	0	0	0
Advance due by other officers	0	0	0	0
Total advance due by directors other officers or others	0	0	0	0
Details of advance due by firms or companies in which any director is partner or director [Abstract]				
Advance due by firms in which any director is partner	0	0	0	0
Total advance due by firms or companies in which any director is partner or director	0	0	0	0

Footnotes

(A)

Particulars	2022-23
Considered doubtful - Unsecured	90.78
Less: Provision for doubtful advances	-90.78
Total	0.00

(B)

Particulars	2021-22
Considered doubtful - Unsecured	118.05
Less: Provision for doubtful advances	-118.05
Total	0.00

Details of advances [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Non-current [Member]			
Classification of advances [Axis]	Advances to related parties [Member]		Advances given other related parties [Member]	
Classification of assets based on security [Axis]	Unsecured considered good [Member]		Unsecured considered good [Member]	
	31/03/2023	31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Disclosure of notes on advances [Abstract]				
Disclosure of advances [Abstract]				
Disclosure of advances [Line items]				
Advances	111.41	40.69	111.41	40.69
Details of advance to related parties			Capital advances to related parties	Capital advances to related parties
Details of advance due by directors other officers or others [Abstract]				
Advance due by directors	0	0	0	0
Advance due by other officers	0	0	0	0
Total advance due by directors other officers or others	0	0	0	0
Details of advance due by firms or companies in which any director is partner or director [Abstract]				
Advance due by firms in which any director is partner	0	0	0	0
Total advance due by firms or companies in which any director is partner or director	0	0	0	0

Details of advances [Table]

..(4)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Non-current [Member]			
Classification of advances [Axis]	Other Advances [Member]			
Classification of assets based on security [Axis]	Unsecured considered good [Member]	Doubtful [Member]		
	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Disclosure of notes on advances [Abstract]				
Disclosure of advances [Abstract]				
Disclosure of advances [Line items]				
Advances	1,972.16	2,008.13	0	0
Details of advance due by directors other officers or others [Abstract]				
Advance due by directors	0	0	0	0
Advance due by other officers	0	0	0	0
Total advance due by directors other officers or others	0	0	0	0
Details of advance due by firms or companies in which any director is partner or director [Abstract]				
Advance due by firms in which any director is partner	0	0	0	0
Total advance due by firms or companies in which any director is partner or director	0	0	0	0

Details of advances [Table]

..(5)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Non-current [Member]			
Classification of advances [Axis]	Other advances, others [Member]			
Classification of assets based on security [Axis]	Unsecured considered good [Member]	Doubtful [Member]		
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Disclosure of notes on advances [Abstract]				
Disclosure of advances [Abstract]				
Disclosure of advances [Line items]				
Advances	(A) 1,972.16	(B) 2,008.13	(C) 0	(D) 0
Nature of other advance	Advance with public bodies, Others	Advance with public bodies, Others	Advance with public bodies	Advance with public bodies
Details of advance due by directors other officers or others [Abstract]				
Advance due by directors	0	0	0	0
Advance due by other officers	0	0	0	0
Total advance due by directors other officers or others	0	0	0	0
Details of advance due by firms or companies in which any director is partner or director [Abstract]				
Advance due by firms in which any director is partner	0	0	0	0
Total advance due by firms or companies in which any director is partner or director	0	0	0	0

Footnotes

(A)

Particulars	2022-23
Advance with public bodies	1,896.70
Others	75.46
Total	1,972.16

(i) Advance with public bodies primarily relate to input credit entitlements and amounts paid under protest in respect of demands and claims from regulatory authorities.

(ii) Others include advances against supply of goods/services and advances paid to employees.

(B)

Particulars	2021-22
Advance with public bodies	1,916.54
Others	91.59
Total	2,008.13

(i) Advance with public bodies primarily relate to input credit entitlements and amounts paid under protest in respect of demands and claims from regulatory authorities.

(ii) Others include advances against supply of goods/services and advances paid to employees.

(C)

Particulars	2022-23
Considered doubtful - Unsecured	297.59
Less: Provision for doubtful advances	-297.59
Total	0.00

(D)

Particulars	2021-22
Considered doubtful - Unsecured	303.05
Less: Provision for doubtful advances	-303.05
Total	0.00

Details of advances [Table]

..(6)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Current [Member]			
Classification of advances [Axis]	Advances [Member]			
Classification of assets based on security [Axis]	Unsecured considered good [Member]		Doubtful [Member]	
	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Disclosure of notes on advances [Abstract]				
Disclosure of advances [Abstract]				
Disclosure of advances [Line items]				
Advances	2,640.13	1,939.08	0	0
Details of advance due by directors other officers or others [Abstract]				
Advance due by directors	0	0	0	0
Advance due by other officers	0	0	0	0
Total advance due by directors other officers or others	0	0	0	0
Details of advance due by firms or companies in which any director is partner or director [Abstract]				
Advance due by firms in which any director is partner	0	0	0	0
Total advance due by firms or companies in which any director is partner or director	0	0	0	0

Details of advances [Table]

..(7)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Current [Member]			
Classification of advances [Axis]	Advances to related parties [Member]		Advances given other related parties [Member]	
Classification of assets based on security [Axis]	Unsecured considered good [Member]		Unsecured considered good [Member]	
	31/03/2023	31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Disclosure of notes on advances [Abstract]				
Disclosure of advances [Abstract]				
Disclosure of advances [Line items]				
Advances	196.91	46.66	196.91	46.66
Details of advance to related parties			Advances to related parties	Advances to related parties
Details of advance due by directors other officers or others [Abstract]				
Advance due by directors	0	0	0	0
Advance due by other officers	0	0	0	0
Total advance due by directors other officers or others	0	0	0	0
Details of advance due by firms or companies in which any director is partner or director [Abstract]				
Advance due by firms in which any director is partner	0	0	0	0
Total advance due by firms or companies in which any director is partner or director	0	0	0	0

Details of advances [Table]

..(8)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Current [Member]			
Classification of advances [Axis]	Other Advances [Member]			
Classification of assets based on security [Axis]	Unsecured considered good [Member]	Doubtful [Member]		
	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Disclosure of notes on advances [Abstract]				
Disclosure of advances [Abstract]				
Disclosure of advances [Line items]				
Advances	2,443.22	1,892.42	0	0
Details of advance due by directors other officers or others [Abstract]				
Advance due by directors	0	0	0	0
Advance due by other officers	0	0	0	0
Total advance due by directors other officers or others	0	0	0	0
Details of advance due by firms or companies in which any director is partner or director [Abstract]				
Advance due by firms in which any director is partner	0	0	0	0
Total advance due by firms or companies in which any director is partner or director	0	0	0	0

Details of advances [Table]

..(9)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Current [Member]			
Classification of advances [Axis]	Other advances, others [Member]			
Classification of assets based on security [Axis]	Unsecured considered good [Member]	Doubtful [Member]		
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Disclosure of notes on advances [Abstract]				
Disclosure of advances [Abstract]				
Disclosure of advances [Line items]				
Advances	(A) 2,443.22	(B) 1,892.42	(C) 0	(D) 0
Nature of other advance	Advances to related parties, Others	Advances to related parties, Others	Advances to related parties, Others	Advances to related parties, Others
Details of advance due by directors other officers or others [Abstract]				
Advance due by directors	0	0	0	0
Advance due by other officers	0	0	0	0
Total advance due by directors other officers or others	0	0	0	0
Details of advance due by firms or companies in which any director is partner or director [Abstract]				
Advance due by firms in which any director is partner	0	0	0	0
Total advance due by firms or companies in which any director is partner or director	0	0	0	0

Footnotes

(A)

Particulars	2022-23
Advance with public bodies	1,824.51
Others	618.71
Total	2,443.22

(i) Advance with public bodies primarily relate to input credit entitlements and amounts paid under protest in respect of demands and claims from regulatory authorities.

(ii) Others include advances against supply of goods/services and advances paid to employees.

(B)

Particulars	2021-22
Advance with public bodies	1,211.91
Others	680.51
Total	1,892.42

(i) Advance with public bodies primarily relate to input credit entitlements and amounts paid under protest in respect of demands and claims from regulatory authorities.

(ii) Others include advances against supply of goods/services and advances paid to employees.

(C)

Particulars	2022-23
Considered doubtful - Unsecured	122.42
Less: Provision for doubtful advances	-122.42
Total	0.00

(D)

Particulars	2021-22
Considered doubtful - Unsecured	127.13
Less: Provision for doubtful advances	-127.13
Total	0.00

Disclosure of breakup of provisions [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Classification based on current non-current [Member]			Non-current [Member]
	31/03/2023	31/03/2022	31/03/2021	31/03/2023
Subclassification and notes on liabilities and assets [Abstract]				
Provisions notes [Abstract]				
Disclosure of breakup of provisions [Abstract]				
Disclosure of breakup of provisions [Line items]				
Provisions [Abstract]				
Provisions for employee benefits [Abstract]				
Provision other employee related liabilities	2,322.9	2,490.62		2,026.86
Total provisions for employee benefits	2,322.9	2,490.62		2,026.86
CSR expenditure provision	0	0		0
Other provisions	1,313.29	1,276.8	1,247.73	528.39
Total provisions	3,636.19	3,767.42		2,555.25

Disclosure of breakup of provisions [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Non-current [Member]	Current [Member]	
	31/03/2022	31/03/2023	31/03/2022
Subclassification and notes on liabilities and assets [Abstract]			
Provisions notes [Abstract]			
Disclosure of breakup of provisions [Abstract]			
Disclosure of breakup of provisions [Line items]			
Provisions [Abstract]			
Provisions for employee benefits [Abstract]			
Provision other employee related liabilities	2,192.59	296.04	298.03
Total provisions for employee benefits	2,192.59	296.04	298.03
CSR expenditure provision	0	0	0
Other provisions	492.41	784.9	784.39
Total provisions	2,685	1,080.94	1,082.42

Details of loans [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Non-current [Member]			
	Loans [Member]			
Classification of assets based on security [Axis]	Unsecured considered good [Member]		Doubtful [Member]	
	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Loans notes [Abstract]				
Disclosure of loans [Abstract]				
Details of loans [Line items]				
Loans , gross	32,779.08	30,195.27	5.75	564.7
Allowance for bad and doubtful loans	0	0	5.75	564.7
Total loans	32,779.08	30,195.27	0	0
Details of loans due by directors, other officers or others [Abstract]				
Loans due by directors	0	0	0	0
Loans due by other officers	0	0	0	0
Total loans due by directors, other officers or others	0	0	0	0
Details of loans due by firms or companies in which any director is partner or director [Abstract]				
Loans due by firms in which any director is partner	0	0	0	0
Total loans due by firms or companies in which any director is partner or director	0	0	0	0

Details of loans [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Non-current [Member]			
Classification of loans [Axis]	Loans to related parties [Member]			
Classification of assets based on security [Axis]	Unsecured considered good [Member]		Doubtful [Member]	
	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Loans notes [Abstract]				
Disclosure of loans [Abstract]				
Details of loans [Line items]				
Loans , gross	32,775.29	30,191.77	0	558.95
Allowance for bad and doubtful loans	0	0	0	558.95
Total loans	32,775.29	30,191.77	0	0
Details of loans due by directors, other officers or others [Abstract]				
Loans due by directors	0	0	0	0
Loans due by other officers	0	0	0	0
Total loans due by directors, other officers or others	0	0	0	0
Details of loans due by firms or companies in which any director is partner or director [Abstract]				
Loans due by firms in which any director is partner	0	0	0	0
Total loans due by firms or companies in which any director is partner or director	0	0	0	0

Details of loans [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Non-current [Member]			
Classification of loans [Axis]	Loans given other related parties [Member]			
Classification of assets based on security [Axis]	Unsecured considered good [Member]		Doubtful [Member]	
	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Loans notes [Abstract]				
Disclosure of loans [Abstract]				
Details of loans [Line items]				
Loans , gross	(A) 32,775.29	(B) 30,191.77	0	558.95
Allowance for bad and doubtful loans	0	0	0	558.95
Total loans	32,775.29	30,191.77	0	0
Details of loans to related parties	Loans to related parties	Loans to related parties	Loans to related parties	Loans to related parties
Details of loans due by directors, other officers or others [Abstract]				
Loans due by directors	0	0	0	0
Loans due by other officers	0	0	0	0
Total loans due by directors, other officers or others	0	0	0	0
Details of loans due by firms or companies in which any director is partner or director [Abstract]				
Loans due by firms in which any director is partner	0	0	0	0
Total loans due by firms or companies in which any director is partner or director	0	0	0	0

Footnotes

(A) Non-current loans to related parties represents loan given to subsidiaries Rs.32,775.29 crore.

(B) Non-current loans to related parties represents loan given to subsidiaries Rs.30,750.72 crore, out of which Rs.558.95 crore is impaired.

Details of loans [Table]

..(4)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Non-current [Member]			
Classification of loans [Axis]	Other loans [Member]			
Classification of assets based on security [Axis]	Unsecured considered good [Member]		Doubtful [Member]	
	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Loans notes [Abstract]				
Disclosure of loans [Abstract]				
Details of loans [Line items]				
Loans , gross	3.79	3.5	5.75	5.75
Allowance for bad and doubtful loans	0	0	5.75	5.75
Total loans	3.79	3.5	0	0
Details of loans due by directors, other officers or others [Abstract]				
Loans due by directors	0	0	0	0
Loans due by other officers	0	0	0	0
Total loans due by directors, other officers or others	0	0	0	0
Details of loans due by firms or companies in which any director is partner or director [Abstract]				
Loans due by firms in which any director is partner	0	0	0	0
Total loans due by firms or companies in which any director is partner or director	0	0	0	0

Details of loans [Table]

..(5)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Non-current [Member]			
Classification of loans [Axis]	Other loans, others [Member]			
Classification of assets based on security [Axis]	Unsecured considered good [Member]		Doubtful [Member]	
	01/04/2021 to 31/03/2022	31/03/2023	01/04/2021 to 31/03/2022	31/03/2023
Subclassification and notes on liabilities and assets [Abstract]				
Loans notes [Abstract]				
Disclosure of loans [Abstract]				
Details of loans [Line items]				
Loans , gross	3.5	3.79	5.75	5.75
Allowance for bad and doubtful loans	0	0	5.75	5.75
Total loans	3.5	3.79	0	0
Nature of other loans	Other loans		Other loans	
Details of loans due by directors, other officers or others [Abstract]				
Loans due by directors	0	0	0	0
Loans due by other officers	0	0	0	0
Total loans due by directors, other officers or others	0	0	0	0
Details of loans due by firms or companies in which any director is partner or director [Abstract]				
Loans due by firms in which any director is partner	0	0	0	0
Total loans due by firms or companies in which any director is partner or director	0	0	0	0

Details of loans [Table]

..(6)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Current [Member]			
Classification of loans [Axis]	Loans [Member]			
Classification of assets based on security [Axis]	Unsecured considered good [Member]		Doubtful [Member]	
	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Loans notes [Abstract]				
Disclosure of loans [Abstract]				
Details of loans [Line items]				
Loans , gross	3,191.21	2,368.01	77.27	177.27
Allowance for bad and doubtful loans	0	0	77.27	177.27
Total loans	3,191.21	2,368.01	0	0
Details of loans due by directors, other officers or others [Abstract]				
Loans due by directors	0	0	0	0
Loans due by other officers	0	0	0	0
Total loans due by directors, other officers or others	0	0	0	0
Details of loans due by firms or companies in which any director is partner or director [Abstract]				
Loans due by firms in which any director is partner	0	0	0	0
Total loans due by firms or companies in which any director is partner or director	0	0	0	0

Details of loans [Table]

..(7)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Current [Member]			
Classification of loans [Axis]	Loans to related parties [Member]			
Classification of assets based on security [Axis]	Unsecured considered good [Member]		Doubtful [Member]	
	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Loans notes [Abstract]				
Disclosure of loans [Abstract]				
Details of loans [Line items]				
Loans , gross	3,189.87	2,365.37	67.67	167.67
Allowance for bad and doubtful loans	0	0	67.67	167.67
Total loans	3,189.87	2,365.37	0	0
Details of loans due by directors, other officers or others [Abstract]				
Loans due by directors	0	0	0	0
Loans due by other officers	0	0	0	0
Total loans due by directors, other officers or others	0	0	0	0
Details of loans due by firms or companies in which any director is partner or director [Abstract]				
Loans due by firms in which any director is partner	0	0	0	0
Total loans due by firms or companies in which any director is partner or director	0	0	0	0

Details of loans [Table]

..(8)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Current [Member]			
Classification of loans [Axis]	Loans given other related parties [Member]			
Classification of assets based on security [Axis]	Unsecured considered good [Member]		Doubtful [Member]	
	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Loans notes [Abstract]				
Disclosure of loans [Abstract]				
Details of loans [Line items]				
Loans , gross	(A) 3,189.87	(B) 2,365.37	67.67	167.67
Allowance for bad and doubtful loans	0	0	67.67	167.67
Total loans	3,189.87	2,365.37	0	0
Details of loans to related parties	Loans to related parties	Loans to related parties	Loans to related parties	Loans to related parties
Details of loans due by directors, other officers or others [Abstract]				
Loans due by directors	0	0	0	0
Loans due by other officers	0	0	0	0
Total loans due by directors, other officers or others	0	0	0	0
Details of loans due by firms or companies in which any director is partner or director [Abstract]				
Loans due by firms in which any director is partner	0	0	0	0
Total loans due by firms or companies in which any director is partner or director	0	0	0	0

Footnotes

(A) Current loans to related parties represent loans/advances given to subsidiaries Rs.3,257.54 crore out of which Rs.67.67 crore is impaired respectively.

(B) Current loans to related parties represent loans/advances given to subsidiaries Rs.2,433.04 crore and associates Rs.100.00 crore out of which Rs.67.67 crore and Rs.100.00 crore is impaired respectively.

Details of loans [Table]

..(9)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Current [Member]			
Classification of loans [Axis]	Other loans [Member]			
Classification of assets based on security [Axis]	Unsecured considered good [Member]		Doubtful [Member]	
	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Loans notes [Abstract]				
Disclosure of loans [Abstract]				
Details of loans [Line items]				
Loans , gross	1.34	2.64	9.6	9.6
Allowance for bad and doubtful loans	0	0	9.6	9.6
Total loans	1.34	2.64	0	0
Details of loans due by directors, other officers or others [Abstract]				
Loans due by directors	0	0	0	0
Loans due by other officers	0	0	0	0
Total loans due by directors, other officers or others	0	0	0	0
Details of loans due by firms or companies in which any director is partner or director [Abstract]				
Loans due by firms in which any director is partner	0	0	0	0
Total loans due by firms or companies in which any director is partner or director	0	0	0	0

Details of loans [Table]

..(10)

Unless otherwise specified, all monetary values are in Crores of INR

Classification based on current non-current [Axis]	Current [Member]			
Classification of loans [Axis]	Other loans, others [Member]			
Classification of assets based on security [Axis]	Unsecured considered good [Member]		Doubtful [Member]	
	01/04/2021 to 31/03/2022	31/03/2023	01/04/2021 to 31/03/2022	31/03/2023
Subclassification and notes on liabilities and assets [Abstract]				
Loans notes [Abstract]				
Disclosure of loans [Abstract]				
Details of loans [Line items]				
Loans , gross	2.64	1.34	9.6	9.6
Allowance for bad and doubtful loans	0	0	9.6	9.6
Total loans	2.64	1.34	0	0
Nature of other loans	Other loans		Other loans	
Details of loans due by directors, other officers or others [Abstract]				
Loans due by directors	0	0	0	0
Loans due by other officers	0	0	0	0
Total loans due by directors, other officers or others	0	0	0	0
Details of loans due by firms or companies in which any director is partner or director [Abstract]				
Loans due by firms in which any director is partner	0	0	0	0
Total loans due by firms or companies in which any director is partner or director	0	0	0	0

Classification of inventories [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of inventories [Axis]	Company inventories [Member]		Raw materials [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Inventories notes [Abstract]				
Classification of inventories [Abstract]				
Classification of inventories [Line items]				
Inventories	20,795.56	19,942.94	8,526.9	9,288.49
Goods in transit	2,391.14	3,163.33	2,271.77	3,021.18
Mode of valuation	Inventories are stated at the lower of cost and net realisable value.	Inventories are stated at the lower of cost and net realisable value.	Inventories are stated at the lower of cost and net realisable value.	Inventories are stated at the lower of cost and net realisable value.

Classification of inventories [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of inventories [Axis]	Finished goods [Member]		Stock-in-trade [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Inventories notes [Abstract]				
Classification of inventories [Abstract]				
Classification of inventories [Line items]				
Inventories	7,818.92	6,700.41	54.33	30.78
Goods in transit	2.9	0	0.69	1.57
Mode of valuation	Inventories are stated at the lower of cost and net realisable value.	Inventories are stated at the lower of cost and net realisable value.	Inventories are stated at the lower of cost and net realisable value.	Inventories are stated at the lower of cost and net realisable value.

Classification of inventories [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of inventories [Axis]	Stores and spares [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Subclassification and notes on liabilities and assets [Abstract]		
Inventories notes [Abstract]		
Classification of inventories [Abstract]		
Classification of inventories [Line items]		
Inventories	4,395.41	3,923.26
Goods in transit	115.78	140.58
Mode of valuation	Inventories are stated at the lower of cost and net realisable value.	Inventories are stated at the lower of cost and net realisable value.

Other non-current assets, others [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Other non-current assets, others [Axis]	Other non-current assets, others 1	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Subclassification and notes on liabilities and assets [Abstract]		
Other non-current assets notes [Abstract]		
Other non-current assets [Abstract]		
Other non-current assets, others	4,145.27	3,620.76
Other non-current assets, others [Abstract]		
Other non-current assets, others [Line items]		
Description of other non-current assets, others	Non-current tax assets (net)	Non-current tax assets (net)
Other non-current assets, others	4,145.27	3,620.76

Other non-current financial liabilities others [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Other non-current financial liabilities others [Axis]	Other non-current financial liabilities others 1		Other non-current financial liabilities others 2	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Disclosure of other non-current financial liabilities notes [Abstract]				
Other non-current financial liabilities [Abstract]				
Other non-current financial liabilities, others	3,649.33	3,726.9	928.81	883.23
Other non-current financial liabilities others [Abstract]				
Other non-current financial liabilities others [Line items]				
Description other non-current financial liabilities others	Lease liabilities	Lease liabilities	Creditors for other liabilities	Creditors for other liabilities
Other non-current financial liabilities, others	3,649.33	3,726.9	928.81	883.23

Other current liabilities, others [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Other current liabilities, others [Axis]	Other current liabilities, others 1		Other current liabilities, others 2	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Disclosure of other current liabilities notes [Abstract]				
Other current liabilities [Abstract]				
Other current liabilities, others	84.28	94.15	25.23	20.84
Other current liabilities, others [Abstract]				
Other current liabilities, others [Line items]				
Description of other current liabilities, others	Post-retirement medical benefits	Post-retirement medical benefits	Other defined benefits	Other defined benefits
Other current liabilities, others	84.28	94.15	25.23	20.84

Other current liabilities, others [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Other current liabilities, others [Axis]	Other current liabilities, others 3		Other current liabilities, others 4	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Subclassification and notes on liabilities and assets [Abstract]				
Disclosure of other current liabilities notes [Abstract]				
Other current liabilities [Abstract]				
Other current liabilities, others	9.81	67.84	29.34	29.19
Other current liabilities, others [Abstract]				
Other current liabilities, others [Line items]				
Description of other current liabilities, others	Other deferred income	Other deferred income	Employee recoveries and employer contributions	Employee recoveries and employer contributions
Other current liabilities, others	9.81	67.84	29.34	29.19

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subclassification and notes on liabilities and assets explanatory [TextBlock]		
Disclosure of notes on trade receivables explanatory [TextBlock]	Textual information (59) [See below]	
Disclosure of notes on loans explanatory [TextBlock]	Textual information (60) [See below]	
Disclosure of notes on other non-current financial assets [TextBlock]	Textual information (61) [See below]	
Derivative assets	403.4	133.21
Interest income accrued	1,930.74	831.21
Total other non-current financial assets	(A) 2,666.76	(B) 1,345.02
Advances, non-current	3,318.72	3,301.78
Total other non-current assets	(C) 7,463.99	(D) 6,922.54
Disclosure of inventories Explanatory [TextBlock]	Textual information (62) [See below]	
Disclosure of notes on cash and bank balances explanatory [TextBlock]	Cash and bank balances are denominated and held in Indian Rupees.	
Fixed deposits with banks	0	0
Total balance with banks	0	0
Cheques, drafts on hand	0	0.51
Cash on hand	1.64	1.15
Others	(E) 857.34	(F) 2,669.93
Total cash and cash equivalents	858.98	2,671.59
Bank balance other than cash and cash equivalents	218.35	183.7
Total cash and bank balances	1,077.33	2,855.29
Nature of other cash and cash equivalents	Remittances in transit, Unrestricted balances with banks	Remittances in transit, Unrestricted balances with banks
Earmarked balances with banks	(G) 218.35	(H) 183.7
Balances held with banks to extent held as margin money	0	0
Total balances held with banks to extent held as margin money or security against borrowings, guarantees or other commitments	0	0
Bank deposits with more than 12 months maturity	0	0
Disclosure of notes on other current financial assets explanatory [TextBlock]	Textual information (63) [See below]	
Derivative financial instruments	82.21	89.54
Security deposits	0.06	2.54
Total other current financial assets	(I) 843.17	(J) 807.84
Advances, current	2,640.13	1,939.08
Total other current assets	2,640.13	1,939.08
Derivative liabilities, Non-current	0	10.18
Total other non-current financial liabilities	(K) 4,578.14	(L) 4,620.31
Nature of other provisions	Others	Others
Disclosure of notes on other non-current liabilities explanatory [TextBlock]	Textual information (64) [See below]	
Total other non-current liabilities	(M) 5,858.18	(N) 7,203.94
Disclosure of notes on other current financial liabilities explanatory [TextBlock]	Textual information (65) [See below]	
Current maturities of finance lease obligations	544.05	522.14
Interest accrued on borrowings	748.4	568.98
Interest accrued on public deposits	0	0
Interest accrued others	0	0
Unpaid dividends	84.45	68.82
Unpaid matured deposits and interest accrued thereon	0	0
Unpaid matured debentures and interest accrued thereon	0	0
Debentures claimed but not paid	0	0
Public deposit payable, current	0	0

Derivative liabilities	65.58	81.48
Total other current financial liabilities	(O) 6,415.78	(P) 5,741.16
Advance received from customers	2,914.9	2,858.42
Total other advance	2,914.9	2,858.42
Withholding taxes payable	(Q) 8,781.52	(R) 9,615.32
Current liabilities portion of share application money pending allotment	0	0
Total other payables, current	8,781.52	9,615.32
Total other current liabilities	(S) 11,845.08	(T) 12,685.76

Footnotes

(A)

Particulars	2022-23
Derivative assets	403.40
Other financial assets	2,263.36
Total	2,666.76

(B)

Particulars	2021-22
Derivative assets	133.21
Other financial assets	1,211.81
Total	1,345.02

(C)

Particulars	2022-23
Non-current tax assets (net)	4,145.27
Other assets	3,318.72
Total	7,463.99

(D)

Particulars	2021-22
Non-current tax assets (net)	3,620.76
Other assets	3,301.78
Total	6,922.54

(E)

Particulars	2022-23
Remittances in transit	0.12
Unrestricted balances with banks	857.22
Total	857.34

(F)

Particulars	2021-22
Remittances in transit	0.02
Unrestricted balances with banks	2,669.91
Total	2,669.93

(G)

(i) Earmarked balances with banks primarily include balances held for unpaid dividends Rs.84.45 crore, bank guarantee and margin money Rs.48.01 crore.

(ii) Earmarked balances with banks are denominated and held in Indian Rupees.

(H)

(i) Earmarked balances with banks primarily include balances held for unpaid dividends Rs.68.82 crore, bank guarantee and margin

money Rs41.50 crore.

(ii) Earmarked balances with banks are denominated and held in Indian Rupees.

(I)

Particulars	2022-23
Derivative assets	82.21
Other financial assets	760.96
Total	843.17

(J)

Particulars	2021-22
Derivative assets	89.54
Other financial assets	718.30
Total	807.84

(K)

Particulars	2022-23
Lease liabilities	3,649.33
Other financial liabilities	928.81
Total	4,578.14

(L)

Particulars	2021-22
Lease liabilities	3,726.90
Derivative liabilities	10.18
Other financial liabilities	883.23
Total	4,620.31

(M)

Particulars	2022-23
Retirement benefit obligations	1,979.33
Deferred income	0.35
Other liabilities	3,878.50
Total	5,858.18

(N)

Particulars	2021-22
Retirement benefit obligations	2,315.91
Deferred income	0.74
Other liabilities	4,887.29
Total	7,203.94

(O)

Particulars	2022-23
Lease liabilities	544.05
Derivative liabilities	65.58
Other financial liabilities	5,806.15
Total	6,415.78

(P)

Particulars	2021-22
Lease liabilities	522.14
Derivative liabilities	81.48
Other financial liabilities	5,137.54
Total	5,741.16

(Q) Statutory dues primarily relate to payables in respect of GST, excise duty, service tax, sales tax, electricity duty, water tax, VAT, tax deducted at source and royalties.

(R) Statutory dues primarily relate to payables in respect of GST, excise duty, service tax, sales tax, electricity duty, water tax, VAT, tax deducted at source and royalties.

(S)

Particulars	2022-23
Retirement benefit obligations	109.51
Deferred income	9.81
Other liabilities	11,725.76
Total	11,845.08

(T)

Particulars	2021-22
Retirement benefit obligations	114.99
Deferred income	67.84
Other liabilities	12,502.93
Total	12,685.76

Textual information (59)

Disclosure of notes on trade receivables explanatory [Text Block]

Trade receivables

		(Rs. crore)
	As at March 31, 2023	As at March 31, 2022
(a) Considered good - Unsecured	3,438.98	3,343.35
(b) Credit impaired	116.69	109.54
	3,555.67	3,452.89
Less: Allowance for credit losses	203.95	172.59
	3,351.72	3,280.30

In determining allowance for credit losses of trade receivables, the Company has used the practical expedient by computing the expected credit loss allowance based on a provision matrix. The provision matrix takes into account historical credit loss experience and is adjusted for forward looking information. The expected credit loss allowance is based on ageing of receivables and the rates used in provision matrix.

(i) Movement in allowance for credit losses of receivables is as below:

		(Rs. crore)
	Year ended March 31, 2023	Year ended March 31, 2022
Balance at the beginning of the year	172.59	145.42
Charge/(release) during the year	31.36	27.17
Balance at the end of the year	203.95	172.59

(ii) Ageing of trade receivables and credit risk arising there from is as below:

As at March 31, 2023

							(Rs. crore)
		Outstanding for following periods from due date of payment					
	Not Due	Less than 6months	6 months -1 year	1-2 years	2-3 years	More than 3 years	Total
Undisputed – considered good	1,817.77	883.78	289.96	397.73	7.05	42.68	3,438.97
Undisputed – credit impaired	-	-	-	-	-	27.10	27.10
Disputed - considered good	-	-	-	-	-	-	-
Disputed - credit impaired	-	-	-	-	-	89.60	89.60

	1,817.77	883.78	289.96	397.73	7.05	159.38	3,555.67
Expected loss rate	0.49%	5.83%	5.16%	1.11%	14.88%	14.88%	
Less: Allowance for credit losses	8.95	51.50	14.97	4.43	1.05	123.05	203.95
Total trade receivables	1,808.82	832.28	274.99	393.30	6.00	36.33	3,351.72

As at March 31, 2022

							(Rs. crore)
		Outstanding for following periods from due date of payment					
	Not Due	Less than 6months	6 months -1 year	1-2 years	2-3 years	More than 3 years	Total
Undisputed – considered good	2,332.72	855.47	59.00	48.88	20.69	26.59	3,343.35
Undisputed – credit impaired	-	-	-	-	-	18.38	18.38
Disputed - considered good	-	-	-	-	-	-	-
Disputed - credit impaired	-	-	-	-	-	91.16	91.16
	2,332.72	855.47	59.00	48.88	20.69	136.13	3,452.89
Expected loss rate	0.31%	2.36%	22.93%	22.93%	22.91%	22.94%	
Less: Allowance for credit losses	7.31	20.16	13.53	11.21	4.74	115.64	172.59
Total trade receivables	2,325.41	835.31	45.47	37.67	15.95	20.49	3,280.30

(iii) The Company considers its maximum exposure to credit risk with respect to customers as at March 31, 2023 to be Rs.3,351.72 crore (March 31, 2022: Rs.3,280.30 crore), which is the carrying value of trade receivables after allowance for credit losses.

The Company's exposure to customers is diversified and no single customer other than a subsidiary, contributes more than 10% of the outstanding receivables as at March 31, 2023 and March 31, 2022.

(iv) There are no outstanding receivables due from directors or other officers of the Company.

Textual information (60)

Disclosure of notes on loans explanatory [Text Block]

(i) Non-current loans to related parties represents loan given to subsidiaries Rs.32,775.29 crore (March 31, 2022: Rs.30,750.72 crore), out of which Nil (March 31, 2022: Rs.558.95 crore) is impaired.

(ii) Current loans to related parties represent loans/advances given to subsidiaries Rs.3,257.54 crore (March 31, 2022: Rs.2,433.04 crore) and associates Nil (March 31, 2022: Rs.100.00 crore) out of which Rs67.67 crore (2021-22: Rs.67.67 crore) and Nil (March 31, 2022: Rs100.00 crore) is impaired respectively.

(iii) Other loans primarily represent loans given to employees.

(iv) The Company has not advanced or loaned or invested funds (either borrowed funds or share premium or any other sources or kind of funds) to any other person or entity, including foreign entities (Intermediaries) with the understanding (whether recorded in writing or otherwise) that the Intermediary shall, whether, directly or indirectly lend or invest in other persons / entities identified in any manner whatsoever by or on behalf of the company ('ultimate beneficiaries') or provide any guarantee, security or the like on behalf of the Ultimate Beneficiaries other than loans aggregating Nil (March 31, 2022: Rs.23,029.77 crore) and roll over of loan of Rs1,643.45 crore (March 31, 2022: Rs.1,515.60 crore) given during the year to T Steel Holdings Pte Ltd, a subsidiary and an investment company of the Company and as set out in note 6(xi), page F59 in the ordinary course of business and in keeping with the applicable regulatory requirements for onward funding to certain overseas subsidiaries of the Company towards meeting their business requirements and /or loan prepayments. Accordingly, no further disclosures, in this regard, are required.

(v) The Company has not received any fund from any person(s) or entity(ies), including foreign entities (Funding Party) with the understanding (whether recorded in writing or otherwise) that the company shall directly or indirectly lend or invest in other persons or entities identified in any manner whatsoever by or on behalf of the Funding Party (Ultimate Beneficiaries); or provide any guarantee, security or the like on behalf of the Ultimate Beneficiaries.

(vi) Disclosure as per Schedule V of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015 and Section 186(4) of the Companies Act, 2013.

(a) Loans/advances in the nature of loan outstanding from subsidiaries, associates and joint venture as on March 31, 2023:

		(Rs. crore)
	Debts outstanding as at March 31, 2023	Maximum balance outstanding during the year
Subsidiaries		
(1) Adityapur Toll Bridge Company Limited	-	-
(interest rate 9.50%)	-	2.95
(2) Angul Energy Limited	30.00	126.00
(interest rate 8.00%; Tenure 72 Months)	126.00	248.00
(3) Bhubaneswar Power Private Limited	327.87	387.63
(interest rate 7.03% to 7.65%; Tenure 79 Months)	387.63	387.63
(4) S & T Mining Company Limited	-	-
(interest rate 9.38%)	-	0.08
(5) Subarnarekha Port Private Limited	-	-
(interest rate 9.50 % to 10.51 %)	-	49.00
(6) T Steel Holdings Pte. Ltd.(ii)	33,813.98	34,057.80

(interest rate LIBOR + 2.99 to 6.75% and SOFR + 1.65%; Tenure 12 to 96 Months)	31,183.47	31,183.47
(7) Tata Steel (KZN) (Pty) Ltd.	-	-
	558.95	558.95
(8) Tata Steel Downstream Products Limited	322.30	528.70
(interest rate 6.75 % to 8.62 %; Tenure 6 to 57 Months)	-	10.00
(9) Tata Steel Mining Limited	1,471.00	1,471.00
(interest rate 7.71 % to 12.53 %; Tenure 12 to 60 Months)	790.00	790.00
(10) Tata Steel Special Economic Zone Limited	-	70.03
(interest rate 10.58%)	70.03	70.03
(11) Tayo Rolls Limited(iii)	67.00	67.00
(interest rate 7.00 % to 13.07 %; Tenure 4 to 15 Months)	67.00	67.00
Associate		
(1) TRF Limited.	-	100.00
(interest rate 9.92 %)	100.00	100.00

Figures in italics represents comparative figures of previous year. Tenure means original tenure from the date of disbursement of loan.

(i) The above loans have been given for business purpose.

(ii) Includes inter-company loan of Rs.22,089.87 crore extended during the year ended on March 31, 2022, for a period of 6 to 8 years including moratorium of interest for two and a half years.

(iii) As at March 31, 2023, loan given to Tayo Rolls Limited has been fully impaired.

(b) Details of investments made and guarantees provided are given in note 6, page F50 and note 35B, page F104.

(vii) There are no outstanding loans/advances in nature of loan from promoters, key management personnel or other officers of the Company.

Textual information (61)

Disclosure of notes on other non-current financial assets [Text Block]

(i) Security deposits are primarily in relation to public utility services and rental agreements. It includes deposit with a subsidiary Rs.14.00 crore (March 31, 2022: Rs.14.00 crore) and deposits with Tata Sons Private Limited Rs.11.25 crore (March 31, 2022: Rs.1.25 crore).

(ii) Non-current earmarked balances with banks represent deposits and balances in escrow account not due for realisation within 12 months from the balance sheet date. These are primarily placed as security with government bodies, margin money against issue of bank guarantees, etc.

Textual information (62)

Disclosure of inventories Explanatory [Text Block]

^ Goods-in-transit represents amount of purchased material which are in transit as on date.

(i) Value of inventories above is stated after provisions (net of reversal) Rs.143.18 crore (March 31, 2022: Rs.145.12 crore) for write-downs to net realisable value and provision for slow-moving and obsolete items.

(ii) The cost of inventories recognised as an expense (net of reversal) includes Rs5.59 crore (March 31, 2022: Rs.0.82 crore) in respect of write-down of inventory to net realisable value.

Textual information (63)

Disclosure of notes on other current financial assets explanatory [Text Block]

Current other financial assets include amount receivable from post-employment benefit funds Rs.137.98 crore (March 31, 2022: Rs.171.30 crore) on account of retirement benefit obligations paid by the Company directly.

Textual information (64)

Disclosure of notes on other non-current liabilities explanatory [Text Block]

1. Retirement benefit obligations

(i) Detailed disclosure in respect of post-retirement defined benefit schemes is provided in note 34, page F92.

(ii) Other defined benefits include post-retirement lumpsum benefits, long service awards, packing and transportation, farewell gifts, etc.

2. Non-current and current advance from customer includes an interest-bearing advance of Rs.3,811.90 crore (March 31, 2022: Rs.4,972.83 crore) which would be adjusted over a period of 3 years against export of steel products. Amount of revenue recognised for the year ended March 31, 2023 in respect of such advances outstanding at the beginning of the year is Rs.1,543.07 crore (2021-22: Rs.1,528.92 crore). Out of the amount outstanding, Rs.1,665.79 crore (March 31, 2023: Rs.1,410.20 crore) is expected to be adjusted by March 31, 2024 and the balance thereafter.

(ii) Statutory dues primarily relate to payables in respect of GST, excise duty, service tax, sales tax, electricity duty, water tax, VAT, tax deducted at source and royalties.

(iii) Other credit balances includes GST compensation cess and interest thereon amounting to Rs.1,678.33 crore (March 31, 2022: Rs.1,274.11 crore).

Textual information (65)

Disclosure of notes on other current financial liabilities explanatory [Text Block]

Non-current and current creditors for other liabilities include:

(a) creditors for capital supplies and services Rs.2,195.70 crore (March 31, 2022: Rs.2,136.65 crore).

(b) liability for employee family benefit scheme Rs.243.37 crore (March 31, 2022: Rs.227.43 crore).

(c) liability for family protection scheme Rs.194.83 crore (March 31, 2022: Rs.202.46 crore).

(d) rebate liabilities arising from volume and price discounts Rs.1,328.47 crore (March 31, 2022: Rs.1,214.76 crore).

[401200] Notes - Additional disclosures on balance sheet

Details of disclosures required under MSMED Act 2006 [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Micro small medium enterprises [Axis]	Micro small medium enterprises 1	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Additional balance sheet notes [Abstract]		
Details of disclosures required under MSMED Act 2006 [Abstract]		
Details of disclosures required under MSMED Act 2006 [Line items]		
Principal and interest due remaining unpaid [Abstract]		
Principal due remaining unpaid	944.4	955.31
Interest due remaining unpaid	6.2	1.31
Total principal and interest due remaining unpaid	950.6	956.62
Amount of interest paid under MSMED Act 2006	0	0
Amount of payments made to supplier beyond due date during year	0	0
Amount of interest due and payable for period	27.83	22.38
Amount of interest accrued and remaining unpaid at end of accounting year	34.03	23.69
Amount of further interest due and payable even in succeeding year	0	0
Maximum amount outstanding for period from micro small medium enterprises	0	0
Name supplier being micro small medium enterprises	Various	Various

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of additional balance sheet notes explanatory [TextBlock]	Textual information (66) [See below]	
Additional balance sheet notes [Abstract]		
Contingent liabilities and commitments [Abstract]		
Classification of contingent liabilities [Abstract]		
Guarantees	10,848.37	9,866.85
Other money for which company is contingently liable	(A) 22,832.84	(B) 20,421.47
Total contingent liabilities	33,681.21	30,288.32
Classification of commitments [Abstract]		
Estimated amount of contracts remaining to be executed on capital account and not provided for	11,955.56	8,699.11
Other commitments	0.01	0.01
Total commitments	11,955.57	8,699.12
Nature of other commitments	Other commitments	Other commitments
Total contingent liabilities and commitments	45,636.78	38,987.44
Details regarding dividends [Abstract]		
Amount of dividends proposed to be distributed to equity shareholders	4,399.75	1,198.58
Amount of per share dividend proposed to be distributed to equity shareholders	[INR/shares] 3.6	[INR/shares] 13
Details of disclosures required under MSMED Act 2006 [Abstract]		
Principal and interest due remaining unpaid [Abstract]		
Details of share capital held by foreign companies [Abstract]		
Percentage of share capital held by foreign company	22.06%	0.00%
Value of share capital held by foreign company	269,66,07,766	45,000
Details of deposits [Abstract]		
Deposits accepted or renewed during period	0	0
Deposits matured and claimed but not paid during period	0	0
Deposits matured and claimed but not paid	0	0
Deposits matured but not claimed	0	0
Interest on deposits accrued and due but not paid	0	0
Details of share application money received and paid [Abstract]		
Share application money received during year	0	0.01
Share application money paid during year	0	0.01
Amount of share application money received back during year	0	0.01
Amount of share application money repaid returned back during year	0	0.01
Number of person share application money paid during year	[pure] 0	[pure] 0.01
Number of person share application money received during year	[pure] 0	[pure] 0.01
Number of person share application money paid as at end of year	[pure] 0	[pure] 0.01
Number of person share application money received as at end of year	[pure] 0	[pure] 0.01
Share application money received and due for refund	0	0.01
Details regarding cost records and cost audit[Abstract]		
Details regarding cost records [Abstract]		
Whether maintenance of cost records by company has been mandated under Companies (Cost Records and Audit) Rules, 2014	Yes	Yes
If yes, Central Excise Tariff Act, heading in which product/ service is covered under cost records	Steel & Steel Products [CETA Headings 7202, 7208, 7209, 7214, 7306, 7308]; Other [CETA Headings 8482, 8607, 8426]; Electrical Energy [CETA Heading 2716]; Health Services	Steel & Steel Products [CETA Headings 7202, 7208, 7209, 7214, 7306, 7308]; Other [CETA Headings 8482, 8607, 8426]; Electrical Energy [CETA Heading 2716]; Health Services
Details regarding cost audit [Abstract]		
Whether audit of cost records of company has been mandated under Rules specified in SN 1	Yes	Yes
If yes, Central Excise Tariff Act, heading in which product/ service is covered under cost audit	Steel & Steel Products [CETA Headings 7202, 7208, 7209, 7214, 7306, 7308]; Other [CETA Headings 8482, 8607, 8426]; Electrical Energy [CETA Heading 2716]; Health Services	Steel & Steel Products [CETA Headings 7202, 7208, 7209, 7214, 7306, 7308]; Other [CETA Headings 8482, 8607, 8426]; Electrical Energy [CETA Heading 2716]; Health Services
Net worth of company	1,34,797.51	1,25,433.76

Details of unclaimed liabilities [Abstract]		
Unclaimed share application refund money	0	0
Unclaimed matured debentures	0	0
Unclaimed matured deposits	0	0
Interest unclaimed amount	0	0
Financial parameters balance sheet items [Abstract]		
Investment in subsidiary companies	0	0
Investment in government companies	0	0
Amount due for transfer to investor education and protection fund (IEPF)	0	0
Gross value of transactions with related parties	5,431.7	37,317.88
Number of warrants converted into equity shares during period	[pure] 0	[pure] 0
Number of warrants converted into preference shares during period	[pure] 0	[pure] 0
Number of warrants converted into debentures during period	[pure] 0	[pure] 0
Number of warrants issued during period (in foreign currency)	[pure] 0	[pure] 0
Number of warrants issued during period (INR)	[pure] 0	[pure] 0

Footnotes

(A)

Particulars	2022-23
Income Tax	3,552.39
Customs, Excise Duty and Service Tax	379.61
Sales Tax /VAT	716.71
Other Taxes, Dues and Claims	18,184.13
Total	22,832.84

(B)

Particulars	2021-22
Income Tax	3,544.68
Customs, Excise Duty and Service Tax	310.63
Sales Tax /VAT	776.08
Other Taxes, Dues and Claims	15,790.08
Total	20,421.47

Textual information (66)

Disclosure of additional balance sheet notes explanatory [Text Block]

1. Trade payables

A. Total outstanding dues of micro and small enterprises

		(Rs. crore)
	As at March 31, 2023	As at March 31, 2022
Dues of micro and small enterprises	791.87	678.20
	791.87	678.20

B. Total outstanding dues of creditors other than micro and small enterprises

		(Rs. crore)
	As at March 31, 2023	As at March 31, 2022
(a) Creditors for supplies and services	15,630.33	18,803.15
(b) Creditors for accrued wages and salaries	1,660.20	1,609.79
	17,290.53	20,412.94

(i) Amount due to micro and small enterprises as defined in the “The Micro, Small and Medium Enterprises Development Act, 2006” has been determined to the extent such parties have been identified on the basis of information available with the Company. The disclosures relating to micro and small enterprises is as below:

		(Rs. crore)
	As at March 31, 2023	As at March 31, 2022
(i) Principal amount remaining unpaid to supplier at the end of the year *	944.40	955.31
(ii) Interest due thereon remaining unpaid to supplier at the end of the year	6.20	1.31
(iii) Amount of interest due and payable for the period of delay in making payment (which have been paid but beyond the appointed day during the year) but without adding the interest specified under this Act	27.83	22.38
(iv) Amount of interest accrued and remaining unpaid at the end of the year	34.03	23.69

* Includes dues of micro, small and medium enterprises (MSME) included within other financial liabilities.

(ii) Ageing schedule of trade payable is as below:

As at March 31, 2023

						(Rs. crore)
	Outstanding for following periods from due					

	date of payment					
	Not Due	Less than 1 year	1-2 years	2-3 years	More than 3 years	Total
Undisputed dues - MSME	727.64	34.99	-	-	-	762.63
Undisputed dues - Others	12,291.47	1,741.38	154.35	32.07	25.72	14,244.99
Disputed dues - MSME	-	-	-	-	-	-
Disputed dues - Others	-	-	0.14	-	18.03	18.17
	13,019.11	1,776.37	154.49	32.07	43.75	15,025.79
Add: Unbilled dues*						3,056.61
Total trade payables						18,082.40

* Includes dues of micro, small and medium enterprises of Rs.29.24 crore.

As at March 31, 2022

						(Rs. crore)
	Outstanding for following periods from due date of payment					
	Not Due	Less than 1 year	1-2 years	2-3 years	More than 3 years	Total
Undisputed dues - MSME	574.22	45.70	-	-	-	619.92
Undisputed dues - Others	15,862.03	2,184.68	37.37	25.54	42.19	18,151.81
Disputed dues - MSME	-	-	-	-	-	-
Disputed dues - Others	-	0.14	-	0.65	17.34	18.13
	16,436.25	2,230.52	37.37	26.19	59.53	18,789.86
Add: Unbilled dues*						2,301.28
Total trade payables						21,091.14

* Includes dues of micro, small and medium enterprises of Rs.58.28 crore.

2. Other significant litigations

(a) Odisha Legislative Assembly issued an amendment to Indian Stamp Act, 1889, on May 9, 2013 and inserted a new provision (Section 3A) in respect of stamp duty payable on grant/renewal of mining leases. As per the amended provision, stamp duty is levied equal to 15% of the average

royalty that would accrue out of the highest annual extraction of minerals under the approved mining plan multiplied by the period of such mining lease. The Company had filed a writ petition challenging the constitutionality of the Act on July 5, 2013. The Hon'ble High Court, Cuttack passed an order on July 9, 2013 granting interim stay on the operation of the Amendment Act, 2013. Because of the stay, as on date, the Act is not

enforceable and any demand received by the Company is not liable to be proceeded with. Meanwhile, the Company received demand notices for the various mines at Odisha totalling to Rs.5,579.00 crore (March 31, 2022: Rs.5,579.00 crore). The Company has concluded that it is remote that the claim will sustain on ultimate resolution of the legal case by the court.

In April 2015, the Company has received an intimation from Government of Odisha, granting extension of validity period for leases under the MMDR Amendment Act, 2015 up to March 31, 2030 in respect of eight mines and up to March 31, 2020 for two mines subject to execution of supplementary lease deed. Liability has been provided in the books of accounts as on March 31, 2020 as per the existing provisions of the Stamp Act 1899 and the Company had paid the stamp duty and registration charges totalling Rs.413.72 crore for supplementary deed execution in respect of eight mines out of the above mines.

(b) Noamundi Iron Ore Mine of the Company was due for its third renewal with effect from January 1, 2012. The application for renewal was submitted by the Company within the stipulated time, but it remained pending consideration with the State and the mining operations were continued in terms of the prevailing law.

By a judgement of April 2014 in the case of Goa mines, the Supreme Court took a view that second and subsequent renewal of mining lease can be effected once the State considers the application and decides to renew the mining lease by issuing an express order. State of Jharkhand issued renewal order to the Company on December 31, 2014. The State, however, took a view on interpretation of Goa Mines judgement that the mining carried out after expiry of the period of second renewal was 'illegal' and hence, issued a demand notice of Rs.3,568.31 crore being the price of iron ore extracted. The said demand has been challenged by the Company before the Jharkhand High Court.

The mining operations were suspended from August 1, 2014. Upon issuance of an express order, Company paid Rs.152.00 crore under protest, so that mining can be resumed.

The Mines and Minerals Development and Regulation (MMDR) Amendment Ordinance, 2015 promulgated on January 12, 2015 provides for extension of such mining leases whose applications for renewal have remained pending with the State(s). Based on the new Ordinance, Jharkhand Government revised the Express Order on February 12, 2015 for extending the period of lease up to March 31, 2030 with the following terms and conditions:

- value of iron ore produced by alleged unlawful mining during the period January 1, 2012 to April 20, 2014 for Rs.2,994.49 crore to be decided on the basis of disposal of our writ petition before Hon'ble High Court of Jharkhand.
- value of iron ore produced from April 21, 2014 to July 17, 2014 amounting to Rs.421.83 crore to be paid in maximum 3 instalments.
- value of iron ore produced from July 18, 2014 to August 31, 2014 i.e. Rs.152.00 crore to be paid immediately.

District Mining Officer Chaibasa on March 16, 2015 issued a demand notice for payment of Rs.421.83 crore, in three monthly instalments. The Company on March 20, 2015 replied that since the lease had been extended by application of law till March 31, 2030, the above demand is not tenable. The Company, had paid Rs.50.00 crore under protest on July 27, 2015, because the State had stopped issuance of transit permits.

The Company filed another writ petition before the Hon'ble High Court of Jharkhand which was heard on September 9, 2015. An interim order was given by the Hon'ble High Court of Jharkhand on September 17, 2015 wherein the Court had directed the Company to pay the amount of Rs.371.83 crore in 3 equal instalments, first instalment by October 15, 2015, second instalment by November 15, 2015 and third instalment by December 15, 2015.

In view of the interim order of the Hon'ble High Court of Jharkhand Rs.124.00 crore was paid on September 28, 2015, Rs.124.00 crore on November 12, 2015 and Rs.123.83 crore on December 14, 2015 under protest.

The case is pending before the Hon'ble High court for disposal. The State issued similar terms and conditions to other mining lessees in the State rendering the mining as illegal. Based on the Company's assessment of the Goa mines judgement read with the Ordinance issued in the year 2015, the Company believes that it is remote that the demand of the State would sustain.

(c) The Supreme Court of India vide its order dated September 24, 2014, cancelled the coal blocks allocated to various entities which includes one coal block allocated to the Tata Steel BSL Limited (entity merged with the Company) which were under development. Subsequently, the Government of India had issued the Coal Mines (Special Provision) Act 2015, which inter-alia deal with the payment of compensation to the affected parties in regard to investment in coal blocks. The receivable in respect of de-allocated coal block amounts to Rs.414.56 crore (net of provision of Rs.138.74 crore). The Company had filed its claim for compensation with the Government of India, Ministry of Coal. Pursuant to letter dated November 22, 2019, Ministry of Coal ('MoC') informed that all statutory license, consent approvals, permission required for undertaking of Coal mining operations in New Patrapara Coal Mine now vested to Singareni Collieries Company Ltd. MoC /Union of India, filed

supplementary affidavit dated February 11, 2020 before Delhi High Court vide which it had informed that payment of compensation can be paid to prior allottee after the mine is successfully allotted and compensation is deposited by successful allottee, following the sequence mentioned in section 9 of Coal Mine (Special Provisions) Act, 2015. It was informed that New Patrapara Coal Mine had been allocated to Singareni Collieris Company Ltd (SCCL, a state Government Undertaking) and compensation to the prior allottee to be released. MoC vide order dated May 17, 2021 had directed SCCL to pay aforesaid compensation to TSBSL (entity merged with the Company). Union of India fled affidavit dated March

6, 2023 before High Court vide which it had informed that the successful allottee i.e M/s SCCL has surrendered the New Patrapara Coal Block. High Court directed MoC and Odisha Industrial Infrastructure Development Corporation (IDCO) to file updated status report outlining the amount payable to the prior allottee and indicate the date by which amount could be disbursed.

3. Financial ratios

The ratios as per the latest amendment to Schedule III are as below:

	Year ended on March 31, 2023	Year ended on March 31, 2022
(1) Current ratio^		
(Total current assets / Current liabilities)	0.86	0.62
[Current liabilities: Total current liabilities - Current maturities of non-current borrowings and lease obligations]		
(2) Net debt equity ratio		
(Net debt / Average equity)	0.30	0.30
[Net debt: Non-current borrowings + Current borrowings + Non-current and current lease liabilities - Current investments - Cash and cash equivalents - Other balances with banks (including non-current earmarked balances)]		
[Equity: Equity share capital + Other equity + Hybrid perpetual securities]		
(3) Debt service coverage ratio#		
(EBIT / (Net finance charges + Interest income from group companies + Scheduled principal repayments of non-current borrowings and lease obligations (excluding prepayments) during the period))	3.90	14.36
[EBIT : Profit before taxes +/- Exceptional items + Net finance charges]		
[Net finance charges: Finance costs (excluding interest on current borrowings) - Interest income - Dividend income from current investments - Net gain/(loss) on sale of current investments]		
(4) Return on Equity (%)#		
(Profit after tax (PAT)/Average Equity)	11.91	29.93
[Equity: Equity share capital + Other equity + Hybrid perpetual securities]		
(5) Inventory turnover ratio (in days)#	59	47
(Average inventory / Sale of products in days)		
(6) Debtors turnover ratio (in days)		
(Average trade receivables / Turnover in days) [Turnover: Revenue from operations]	9	9
(7) Trade payables turnover ratio (in days)		
(Average Trade Payables / Expenses)	73	89
[Expenses: Total Expenses - Finance Cost - Depreciation and Amortisation Expense – Employee Benefit Expenses in respect of Retirement Benefits – Other expenses with respect to Royalty, Rates & Taxes, Provision for Doubtful Debts & Advances, Provision for Impairment and Foreign Exchange Gain/Loss]		
(8) Net capital turnover ratio (in days)		
(Average Working Capital / Turnover)	*	*

[Working Capital: Current Assets - Current Liabilities]		
[Current Liabilities: Total Current liabilities - Current maturities of non-current borrowings and lease obligations]		
[Turnover: Revenue from operations]		
(9) Net profit ratio (%)#		
(Net profit after tax / Turnover) [Turnover: Revenue from operations]	12.01	25.59
(10) Return on Capital Employed (%)#		
(EBIT/Average Capital Employed)	12.78	29.59
[Capital Employed: Equity share capital + Other equity + Hybrid perpetual securities + Non current borrowings + Current borrowings + Current maturities of non-current borrowings and lease obligations + Deferred tax liabilities]		
[EBIT : Profit before taxes +/-) Exceptional items + Net finance charges]		
[Net finance charges: Finance costs - Interest income - Dividend income from current investments - Net gain/ (loss) on sale of current investments]		
(11) Return on investment (%)@	12.31	5.08
(Net gain/(loss) on sale/fair value changes of mutual funds/Average investment funds in current investments)		

* Net working capital is negative

^ The variation in current ratio as at March 31, 2023 as compared to March 31, 2022 is primarily due to temporary decrease in current borrowings and trade payables

Variation in coverage, turnover and other profitability ratios is primarily due to decrease in profitability during the year ended March 31, 2023.

@ Variation in return on investment ratio is primarily due to lower average value of investment.

4. The Code on Social Security, 2020 ('Code') relating to employee benefits during employment and post-employment received Indian Parliament approval and Presidential assent in September 2020. The Code has been published in the Gazette of India and subsequently on November 13, 2020 draft rules were published and invited for stakeholders' suggestions. However, the date on which the Code will come into effect has not been notified. The Company will assess the impact of the Code when it comes into effect and will record any related impact in the period the Code becomes effective.

5. The erstwhile Tata Steel BSL Limited was eligible under Package Scheme of Incentives, 1993, and accordingly as per the provisions of the Scheme it had obtained eligibility certificate from Directorate of Industries. As per the Scheme the Tata Steel BSL Limited has an option to defer the payment of sales tax for a period of fourteen years upto a specified limit (twenty-one years in case the specified limit is not availed in fourteen years). The said tax collected shall be paid after fourteen years in five annual equal instalments and has been recognised as deferred sales tax liability, which as at March 31, 2023 amounts to Rs.24.85 crore (March 31, 2022: Rs.22.33 crore). Post-introduction of GST, the Maharashtra government modified the scheme, whereby the Company needs to deposit the GST and claim refund of the same. During the year, the Company has recognised Rs.62.75 crore (2021-22: Rs.201.21 crore) as an income on account of such scheme.

6. The Board of Directors of the Company had considered and approved amalgamation of Tata Steel Long Products Limited ("TSLP"), Tata Metaliks Limited ("TML"), The Tinplate Company of India Limited ("TCIL"), TRF Limited ("TRF"), The Indian Steel & Wire Products Limited ("ISWP"), Tata Steel Mining Limited ("TSML") and S & T Mining Company Limited ("S & T Mining") into and with the Company by way of separate schemes of amalgamation and had recommended a share exchange ratio /cash consideration. The equity shareholders of the entities will be entitled to fully paid-up equity shares of the Company or cash consideration in the ratio as set out in the scheme. As part of the scheme of amalgamations, equity shares and preference shares, if any, held by the Company in the above entities shall stand cancelled. No shares of the Company shall be issued, nor any cash payment shall be made whatsoever by the Company in lieu of cancellation of shares of TSML and S & T Mining (both being wholly owned subsidiary companies). The proposed amalgamations will enhance management efficiency, drive sharper strategic focus and improve agility across businesses based on the strong parental support from the Company's leadership. The amalgamations will also drive synergies through operational efficiencies, raw material security and better facility utilisation.

As part of defined regulatory process, the schemes of TSLP into and with the Company, TCIL into and with the Company, TML into and with the Company, TRF into and with the Company and ISWP into and with the Company have received approval(s) from stock exchanges and Security Exchange Board of India. Further the schemes, have been filed and are pending with the Hon'ble National Company Law Tribunal.

7. The Board of Directors of the Company had considered and approved the scheme of amalgamation of Angul Energy Limited ("AEL") into and with the Company by way of a scheme of amalgamation and had recommended a cash consideration for every fully paid-up equity share held by the shareholders (except the Company) in AEL as set out in the scheme. Upon the scheme coming into effect, the entire paid-up share capital of AEL shall stand cancelled in its entirety.

The amalgamation will ensure consolidation of all power assets under a single entity, which will increase system agility for power generation and allocation. It will help the Company to improve its plant reliability, ensuring steady source of power supply while optimising cost. Further, such restructuring will lead to simplification of group structure by eliminating multiple companies in similar operation, optimum use of infrastructure, rationalisation of cost in the areas of operations and administrative overheads, thereby maximising shareholder value of the Company post amalgamation.

The scheme is subject to defined regulatory approval process, which would require approval by stock exchanges and the Hon'ble National Company Law Tribunal.

8. Disclosure for struck off companies

The following table depicts the details of balances outstanding in respect of transactions undertaken with a company struck-off under section 248 of the Companies Act, 2013:

				(Rs. crore)
Name of struck off Company	Nature of transactions with struck-off Company	Balance as at March 31, 2023	Balance as at March 31, 2022	Relationship with the struck-off Company
Arya Fuels Private Limited	Sale of goods	0.00*	-	Advance from Customer
BBR (India) Pvt Ltd.	Sale of goods	0.28	-	Advance from Customer
Aquatech Systems (Asia) Private Limited	Purchase of goods and receiving of services	-	11.75	Advance from Customer
Sinha Aviation Service Private Limited	Receiving of services	0.06	0.01	Vendor
BRAINWISE INFOTECH	Receiving of services	0.00*	-	Vendor
LIFTVEL INDUSTRIES	Receiving of services	0.01	-	Vendor
E & J Golden India Private Limited	Receiving of services	-	0.00*	Advance to vendor
Other entities(i)	Subscription to equity shares	-	0.01	Equity shareholder

* Represents value less than Rs.0.01 crore

(i) Details of other struck off entities holding equity shares in the Company are as below:

Name of struck off Company	No. of shares held	Paid-up as at March 31, 2023 (Rs.)	Paid-up as at March 31, 2022 (Rs.)
(1) Agro Based Industries Ltd	1,450.00	1,450.00	1,450.00
(2) Anand Growth Fund Pvt. Ltd.	1,330.00	1,330.00	1,330.00
(3) Anileksha Investments Pvt Ltd	2,250.00	2,250.00	2,250.00
(4) Bejo Sheetal Seeds (Karnataka) Private			

Limited	750.00	750.00	-
(5) Bennett Coleman. & Co. Ltd	7,950.00	7,950.00	7,950.00
(6) Bhagirathi Protein Ltd	6,500.00	6,500.00	6,500.00
(7) Bhansali & Co (Exports) Pvt Ltd	60.00	60.00	60.00
(8) Bharat Solite Limited	10.00	10.00	10.00
(9) Bindawala Builders Pvt Ltd	-	-	1,790.00
(10) Burdwan Holdings Pvt Ltd	3,150.00	3,150.00	3,150.00
(11) Chaityadeep Investments Pvt Ltd	2,110.00	2,110.00	2,110.00
(12) Chanakya Service Station Private Limited	16,500.00	16,500.00	16,500.00
(13) Dashtina Investments Private Limited	400.00	400.00	400.00
(14) Deegeeson Impex Pvt Ltd	-	-	300.00
(15) Desai Holdings Limited	750.00	750.00	750.00
(16) Dhanastra Investments Limited	13,500.00	13,500.00	13,500.00
(17) Frontline Corporate Finance Ltd.	1,060.00	1,060.00	1,060.00
(18) Gagan Trading Co Ltd	1,690.00	1,690.00	1,690.00
(19) Goldcrest Jute and Fibre Ltd	1,800.00	1,800.00	1,800.00
(20) Impact Growth Fund Private Limited	-	-	1,330.00
(21) Kapursco Cold Storage Pvt. Ltd.	300.00	300.00	300.00
(22) Kirban Sales Pvt Ltd	150.00	150.00	150.00
(23) Kothari Intergroup Limited	-	-	200.00
(24) Karimnagar Sai Krishna Hire Purchase Private Limited	-	-	1,000.00
(25) Lakshadeep Investments Pvt Ltd	2,110.00	2,110.00	2,110.00
(26) M H Doshi Investment Agencies Private Limited	500.00	500.00	500.00
(27) Meghna Finance and Investments Private Limited	4,890.00	4,890.00	4,890.00
(28) Merchant Management System Private Limited	8,800.00	8,800.00	8,800.00
(29) Midas Touch Securities Pvt Ltd	150.00	150.00	-
(30) Modern Holdings Pvt Ltd	18,050.00	18,050.00	18,050.00
(31) Mokul Finance Private Limited	-	-	510.00
(32) Multiplier Financial Services Private Limited	30.00	30.00	30.00
(33) N.R.I. Financial Services Limited	-	-	300.00
(34) Overland Investment Co Ltd	-	-	4,500.00
(35) PCS Securities Pvt. Ltd.	500.00	500.00	500.00

(36) Popular Stock and Share Services Private Limited	320.00	320.00	320.00
(37) Prahit Investments Pvt Ltd	4,600.00	4,600.00	4,600.00
(38) Protect Finvest Private Limited	330.00	330.00	330.00
(39) Raghunath Oils and Fats Limited	500.00	500.00	500.00
(40) S S Securities Limited	500.00	500.00	500.00
(41) Safex Financial Services Private Limited	-	-	30.00
(42) Seagull Finance And Investment Private Limited	600.00	600.00	600.00
(43) Shree Agencies Pvt Ltd	3,180.00	3,180.00	4,372.52
(44) Shriram Investment Services Private Limited	1,500.00	1,500.00	-
(45) Shilpa Investments And Financial Services Private Limited	13,440.00	13,440.00	-
(46) Suhit Investments Pvt Ltd	1,660.00	1,660.00	1,660.00
(47) Swapnalok Construction Pvt Ltd	500.00	500.00	500.00
(48) Calcutta Sales Agency Ltd.	6,340.00	6,340.00	6,340.00
(49) Varun Credit & Real Estate Pvt Ltd	570.00	570.00	570.00
(50) V. Follow Up And Finance Ltd	360.00	360.00	-
(51) Vms Consultants Pvt. Ltd.	-	-	500.00
		1,31,140.00	1,26,592.52

(ii) Details of investments struck off during the year ended March 31, 2022 has been given in note 6, page F50.

9. Dividend

The dividend declared by the Company is based on profits available for distribution as reported in the standalone financial statements of the Company. On May 2, 2023 the Board of Directors of the Company had proposed a dividend of Rs.3.60 per Ordinary share of Rs.1 each in respect of the year ended March 31, 2023 subject to the approval of shareholders at the Annual General Meeting. If approved, the dividend would result in a cash outflow of approximately Rs.4,399.75 crore.

[611800] Notes - Revenue

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023
Disclosure of revenue [TextBlock]	Textual information (67) [See below]

Textual information (67)

Disclosure of revenue [Text Block]

Revenue from operations

		(Rs. crore)
	Year ended March 31, 2023	Year ended March 31, 2022
(a) Sale of products	1,25,564.59	1,26,070.07
(b) Sale of power and water	1,901.93	1,611.33
(c) Other operating revenues(ii)	1,540.10	1,339.95
	1,29,006.62	1,29,021.35

(i) Revenue from contracts with customers disaggregated on the basis of geographical region and major businesses are as below:

			(Rs. crore)
	Year ended March 31, 2023		
	India	Outside India	Total
(a) Steel	1,16,072.94	9,013.70	1,25,086.64
(b) Power and water	1,901.93	-	1,901.93
(c) Others	439.43	38.52	477.95
	1,18,414.30	9,052.22	1,27,466.52
			(Rs. crore)
	Year ended March 31, 2022		
	India	Outside India	Total
(a) Steel	1,08,086.59	17,085.40	1,25,171.99
(b) Power and water	1,611.33	-	1,611.33
(c) Others	495.46	402.62	898.08
	1,10,193.38	17,488.02	1,27,681.40

(ii) Other operating revenues include income from export and other incentive schemes.

(iii) There are no significant adjustment between the contracted price and revenue recognised.

[612400] Notes - Service concession arrangements

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of service concession arrangements [TextBlock]		
Whether there are any service concession arrangements	No	No

[612000] Notes - Construction contracts

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of notes on construction contracts [TextBlock]		
Whether there are any construction contracts	No	No

[612600] Notes - Employee benefits**Disclosure of sensitivity analysis for actuarial assumptions [Table]**

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Defined benefit plans [Axis]	Domestic defined benefit plans [Member]			
Actuarial assumptions [Axis]	Actuarial assumption of discount rates [Member]			
Defined benefit plans categories [Axis]	Defined benefit plan 1		Defined benefit plan 2	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of sensitivity analysis for actuarial assumptions [Abstract]				
Disclosure of sensitivity analysis for actuarial assumptions [Line items]				
Description of type of plan	Retiring gratuity	Retiring gratuity	Post retirement medical benefits and other defined benefits: Medical	Post retirement medical benefits and other defined benefits: Medical
Percentage of reasonably possible increase in actuarial assumption	1.00%	1.00%	1.00%	1.00%
Increase (decrease) in defined benefit obligation due to reasonably possible increase in actuarial assumption	249.32	247.9	249.19	294.78
Percentage of reasonably possible decrease in actuarial assumption	1.00%	1.00%	1.00%	1.00%
Increase (decrease) in defined benefit obligation due to reasonably possible decrease in actuarial assumption	215.04	213.73	194.08	228.47

Disclosure of sensitivity analysis for actuarial assumptions [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Defined benefit plans [Axis]	Domestic defined benefit plans [Member]			
Actuarial assumptions [Axis]	Actuarial assumption of discount rates [Member]		Actuarial assumption of expected rates of salary increases [Member]	
Defined benefit plans categories [Axis]	Defined benefit plan 3		Defined benefit plan 1	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of sensitivity analysis for actuarial assumptions [Abstract]				
Disclosure of sensitivity analysis for actuarial assumptions [Line items]				
Description of type of plan	Post retirement medical benefits and other defined benefits: Others	Post retirement medical benefits and other defined benefits: Others	Retiring gratuity	Retiring gratuity
Percentage of reasonably possible increase in actuarial assumption	1.00%	1.00%	1.00%	1.00%
Increase (decrease) in defined benefit obligation due to reasonably possible increase in actuarial assumption	25.53	29.56	244.12	242.26
Percentage of reasonably possible decrease in actuarial assumption	1.00%	1.00%	1.00%	1.00%
Increase (decrease) in defined benefit obligation due to reasonably possible decrease in actuarial assumption	21.24	24.49	214.85	213.19

Disclosure of sensitivity analysis for actuarial assumptions [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Defined benefit plans [Axis]	Domestic defined benefit plans [Member]			
Actuarial assumptions [Axis]	Actuarial assumption of expected rates of salary increases [Member]		Actuarial assumption of medical cost trend rates [Member]	
Defined benefit plans categories [Axis]	Defined benefit plan 3		Defined benefit plan 2	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of sensitivity analysis for actuarial assumptions [Abstract]				
Disclosure of sensitivity analysis for actuarial assumptions [Line items]				
Description of type of plan	Post retirement medical benefits and other defined benefits: Others	Post retirement medical benefits and other defined benefits: Others	Post retirement medical benefits and other defined benefits: Medical	Post retirement medical benefits and other defined benefits: Medical
Percentage of reasonably possible increase in actuarial assumption	1.00%	1.00%	1.00%	1.00%
Increase (decrease) in defined benefit obligation due to reasonably possible increase in actuarial assumption	6.2	7.5	232.27	274.38
Percentage of reasonably possible decrease in actuarial assumption	1.00%	1.00%	1.00%	1.00%
Increase (decrease) in defined benefit obligation due to reasonably possible decrease in actuarial assumption	5.79	6.95	184.9	217.56

Disclosure of sensitivity analysis for actuarial assumptions [Table]

..(4)

Unless otherwise specified, all monetary values are in Crores of INR

Defined benefit plans [Axis]	Domestic defined benefit plans [Member]	
Actuarial assumptions [Axis]	Actuarial assumption of expected rates of inflation [Member]	
Defined benefit plans categories [Axis]	Defined benefit plan 3	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of sensitivity analysis for actuarial assumptions [Abstract]		
Disclosure of sensitivity analysis for actuarial assumptions [Line items]		
Description of type of plan	Post retirement medical benefits and other defined benefits: Others	Post retirement medical benefits and other defined benefits: Others
Percentage of reasonably possible increase in actuarial assumption	1.00%	1.00%
Increase (decrease) in defined benefit obligation due to reasonably possible increase in actuarial assumption	13.39	14.5
Percentage of reasonably possible decrease in actuarial assumption	1.00%	1.00%
Increase (decrease) in defined benefit obligation due to reasonably possible decrease in actuarial assumption	11.59	12.53

Disclosure of net defined benefit liability (assets) [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Defined benefit plans [Axis]	Domestic defined benefit plans [Member]			
Net defined benefit liability (assets) [Axis]	Present value of defined benefit obligation [Member]			
Defined benefit plans categories [Axis]	Defined benefit plan 1			Defined benefit plan 2
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023
Disclosure of net defined benefit liability (assets) [Abstract]				
Disclosure of net defined benefit liability (assets) [Line items]				
Description of type of plan	Retiring gratuity	Retiring gratuity		Post retirement medical benefits and other defined benefits: Medical
Changes in net defined benefit liability (assets) [Abstract]				
Current service cost, net defined benefit liability (assets)	161.21	159.58		23.85
Interest expense (income), net defined benefit liability (assets)	187.13	174.52		115.19
Gain (loss) on remeasurement, net defined benefit liability (assets) [Abstract]				
Actuarial losses (gains) arising from changes in demographic assumptions, net defined benefit liability (assets)				0
Actuarial losses (gains) arising from changes in financial assumptions, net defined benefit liability (assets)	-12.41	41.04		56.42
Loss (gain) on changes in effect of limiting net defined benefit assets to assets ceiling, net defined benefit liability (assets)				225.2
Total loss (gain) on remeasurement, net defined benefit liability (assets)	-12.41	41.04		281.62
Payments from plan, net defined benefit liability (assets)	287.39	338.83		69.3
Payments in respect of settlements, net defined benefit liability (assets)	(A) 287.39	(B) 338.83		(C) 69.3
Total increase (decrease) in net defined benefit liability (assets)	73.36	-45.77		-211.88
Net defined benefit liability (assets) at end of period	2,968.23	2,894.87	2,940.64	1,468.36

(A) Benefits paid

(B) Benefits paid

(C) Benefits paid

Disclosure of net defined benefit liability (assets) [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Defined benefit plans [Axis]	Domestic defined benefit plans [Member]			
Net defined benefit liability (assets) [Axis]	Present value of defined benefit obligation [Member]			
Defined benefit plans categories [Axis]	Defined benefit plan 2		Defined benefit plan 3	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of net defined benefit liability (assets) [Abstract]				
Disclosure of net defined benefit liability (assets) [Line items]				
Description of type of plan	Post retirement medical benefits and other defined benefits: Medical		Post retirement medical benefits and other defined benefits: Others	Post retirement medical benefits and other defined benefits: Others
Changes in net defined benefit liability (assets) [Abstract]				
Current service cost, net defined benefit liability (assets)	25.53		12.59	23.63
Interest expense (income), net defined benefit liability (assets)	103.59		22.76	18.13
Gain (loss) on remeasurement, net defined benefit liability (assets) [Abstract]				
Actuarial losses (gains) arising from changes in demographic assumptions, net defined benefit liability (assets)	-233.65		0	-15.29
Actuarial losses (gains) arising from changes in financial assumptions, net defined benefit liability (assets)	137.69		5.94	14.06
Loss (gain) on changes in effect of limiting net defined benefit assets to assets ceiling, net defined benefit liability (assets)	101.75		11	-46.54
Total loss (gain) on remeasurement, net defined benefit liability (assets)	5.79		16.94	-47.77
Past service cost and gains (losses) arising from settlements, net defined benefit liability (assets) [Abstract]				
Past service cost, net defined benefit liability (assets)			0	2.86
Net past service cost and gains (losses) arising from settlements, net defined benefit liability (assets)			0	2.86
Payments from plan, net defined benefit liability (assets)	73.61		52.2	39.48
Payments in respect of settlements, net defined benefit liability (assets)	(A) 73.61		(B) 52.2	(C) 39.48
Total increase (decrease) in net defined benefit liability (assets)	49.72		-33.79	52.91
Net defined benefit liability (assets) at end of period	1,680.24	1,630.52	317.5	351.29

(A) Benefits paid

(B) Benefits paid

(C) Benefits paid

Disclosure of net defined benefit liability (assets) [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Defined benefit plans [Axis]	Domestic defined benefit plans [Member]			
Net defined benefit liability (assets) [Axis]	Present value of defined benefit obligation [Member]	Plan assets [Member]		
Defined benefit plans categories [Axis]	Defined benefit plan 3	Defined benefit plan 1		
	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Disclosure of net defined benefit liability (assets) [Abstract]				
Disclosure of net defined benefit liability (assets) [Line items]				
Description of type of plan		Retiring gratuity	Retiring gratuity	
Changes in net defined benefit liability (assets) [Abstract]				
Interest expense (income), net defined benefit liability (assets)		-174.69	-160.11	
Gain (loss) on remeasurement, net defined benefit liability (assets) [Abstract]				
Actuarial losses (gains) arising from changes in financial assumptions, net defined benefit liability (assets)		-5.11	8.51	
Total loss (gain) on remeasurement, net defined benefit liability (assets)		-5.11	8.51	
Contributions to plan, net defined benefit liability (assets) [Abstract]				
Contributions to plan by employer, net defined benefit liability (assets)		287.56	56.72	
Total contributions to plan, net defined benefit liability (assets)		287.56	56.72	
Payments from plan, net defined benefit liability (assets)		-287.39	-338.83	
Payments in respect of settlements, net defined benefit liability (assets)		(A) -287.39	(B) -338.83	
Total increase (decrease) in net defined benefit liability (assets)		-169.75	113.49	
Net defined benefit liability (assets) at end of period	298.38	-2,665.25	-2,495.5	-2,608.99

(A) Benefits paid

(B) Benefits paid

Disclosure of defined benefit plans [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Defined benefit plans [Axis]	Domestic defined benefit plans [Member]			
Defined benefit plans categories [Axis]	Defined benefit plan 1		Defined benefit plan 2	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of defined benefit plans [Abstract]				
Disclosure of defined benefit plans [Line items]				
Description of type of plan	Retiring gratuity	Retiring gratuity	Post retirement medical benefits and other defined benefits: Medical	Post retirement medical benefits and other defined benefits: Medical
Surplus (deficit) in plan [Abstract]				
Defined benefit obligation, at present value	2,968.23	2,894.87	1,468.36	1,680.24
Plan assets, at fair value	2,665.25	2,495.5		
Net surplus (deficit) in plan	-302.98	-399.37	-1,468.36	-1,680.24
Actuarial assumption of discount rates	7.00%	7.00%	7.25%	7.00%
Actuarial assumption of expected rates of salary increases	10.50%	10.50%		
Actuarial assumption of expected rates of inflation			8.00%	8.00%

Disclosure of defined benefit plans [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Defined benefit plans [Axis]	Domestic defined benefit plans [Member]	
Defined benefit plans categories [Axis]	Defined benefit plan 3	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of defined benefit plans [Abstract]		
Disclosure of defined benefit plans [Line items]		
Description of type of plan	Post retirement medical benefits and other defined benefits: Others	Post retirement medical benefits and other defined benefits: Others
Surplus (deficit) in plan [Abstract]		
Defined benefit obligation, at present value	317.5	351.29
Net surplus (deficit) in plan	-317.5	-351.29
Actuarial assumption of discount rates	7.25%	7.00%
Actuarial assumption of expected rates of salary increases	15.00%	15.00%
Actuarial assumption of expected rates of inflation	5.00%	5.00%

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of employee benefits [TextBlock]	Textual information (68) [See below]	
Disclosure of defined benefit plans [TextBlock]		
Whether there are any defined benefit plans	Yes	Yes
Disclosure of net defined benefit liability (assets) [TextBlock]		
Disclosure of sensitivity analysis for actuarial assumptions [TextBlock]		

Textual information (68)

Disclosure of employee benefits [Text Block]

Employee benefits

A. Defined contribution plans

The Company participates in a number of defined contribution plans on behalf of relevant personnel. Any expense recognised in relation to these schemes represents the value of contributions payable during the period by the Company at rates specified by the rules of those plans. The only amounts included in the balance sheet are those relating to the prior months contributions that were not due to be paid until after the end of the reporting period.

The major defined contribution plans operated by the Company are as below:

(a) Provident fund and pension

The Company provides provident fund benefits for eligible employees as per applicable regulations wherein both employees and the Company make monthly contributions at a specified percentage of the eligible employee's salary. Contributions under such schemes are made either to a provident fund set up as an irrevocable trust by the Company to manage the investments and distribute the amounts entitled to employees or to state managed funds.

Benefits provided under plans wherein contributions are made to state managed funds and the Company does not have a future obligation to make good shortfall if any, are treated as a defined contribution plan.

(b) Superannuation fund

The Company has a superannuation plan for the benefit of its employees. Employees who are members of the superannuation plan are entitled to benefits depending on the years of service and salary drawn.

Separate irrevocable trusts are maintained for employees covered and entitled to benefits. The Company contributes up to 15% of the eligible employees' salary or Rs.1,50,000, whichever is lower, to the trust every year. Such contributions are recognised as an expense as and when incurred. The Company does not have any further obligation beyond this contribution.

The contributions recognised as an expense in the statement of profit and loss during the year on account of the above defined contribution plans amounted to Rs.184.31 crore (2021-22: Rs.169.61 crore).

B. Defined benefit plans

The defined benefit plans operated by the Company are as below:

(a) Provident fund and pension

Provident fund benefits provided under plans wherein contributions are made to an irrevocable trust set up by the Company to manage the investments and distribute the amounts entitled to employees are treated as a defined benefit plan as the Company is obligated to provide the members a rate of return which should, at the minimum, meet the interest rate declared by Government administered provident fund. A part of the Company's contribution is transferred to Government administered pension fund. The contributions made by the Company and the shortfall of interest, if any, are recognised as an expense in profit and loss under employee benefits expense.

In accordance with an actuarial valuation of provident fund liabilities based on guidance issued by Actuarial Society of India and based on the assumptions as mentioned below, there is no deficiency in the interest cost as the present value of the expected future earnings of the fund is greater than the expected amount to be credited to the individual members based on the expected guaranteed rate of interest of Government

administered provident fund.

Key assumptions used for actuarial valuation are as below:

	Year ended March 31, 2023	Year ended March 31, 2022
Discount rate	7.25%	7.00%
Guaranteed rate of return	8.15%	8.10%
Expected rate of return on investment	8.15%	8.00%

(b) Retiring gratuity

The Company has an obligation towards gratuity, a defined benefit retirement plan covering eligible employees as per The Payment of Gratuity Act, 1972. The plan provides for a lump- sum payment to vested employees at retirement, death while in employment or on termination of employment of an amount equivalent to 15 to 30 days salary payable for each completed year of service. Vesting occurs upon completion of five years of service. The Company makes annual contributions to gratuity funds established as trusts or insurance companies. The Company accounts for the liability for gratuity benefits payable in the future based on a year-end actuarial valuation.

(c) Post-retirement medical benefits

Under this unfunded scheme, employees of the Company receive medical benefits subject to certain limits on amounts of benefits, periods after retirement and types of benefits, depending on their grade and location at the time of retirement. Employees separated from the Company under an early separation scheme, on medical grounds or due to permanent disablement are also covered under the scheme. The Company accounts for the liability for post-retirement medical scheme based on a year-end actuarial valuation.

(d) Other defined benefits

Other benefits provided under unfunded schemes include post-retirement lumpsum benefits, pension payable to directors of the Company on their retirement, farewell gifts and reimbursement of packing and transportation charges to the employees based on their last drawn salary.

The defined benefit plans expose the Company to a number of actuarial risks as below:

(i) Investment risk: The present value of the defined benefit plan liability is calculated using a discount rate determined by reference to government bond yields. If the return on plan asset is below this rate, it will create a plan deficit.

(ii) Interest risk: A decrease in the bond interest rate will increase the plan liability. However, this will be partially offset by an increase in the value of plan's debt investments.

(iii) Salary risk: The present value of the defined benefit plan liability is calculated by reference to the future salaries of plan participants. As such, an increase in salary of the plan participants will increase the plan's liability.

(iv) Longevity risk: The present value of the defined benefit plan liability is calculated by reference to the best estimate of the mortality of plan participants both during and after their employment. An increase in the life expectancy of the plan participants will increase the plan's liability.

C. Details of defined benefit obligations and plan assets:

(a) Retiring gratuity:

(i) The following table sets out the amounts recognised in the financial statements in respect of retiring gratuity plan:

		(Rs. crore)
	Year ended March 31, 2023	Year ended March 31, 2022

Change in defined benefit obligations:		
Obligation at the beginning of the year	2,894.87	2,940.64
Current service cost	161.21	159.58
Interest costs	187.13	174.52
Remeasurement (gain)/loss	12.41	(41.04)
Benefits paid	(287.39)	(338.83)
Obligation at the end of the year	2,968.23	2,894.87
		(Rs. crore)
	Year ended March 31, 2023	Year ended March 31, 2022
Change in plan assets:		
Fair value of plan assets at the beginning of the year	2,495.50	2,608.99
Interest income	174.69	160.11
Remeasurement gain/(loss) excluding amount included within employee benefit expense	(5.11)	8.51
Employers contribution	287.56	56.72
Benefits paid	(287.39)	(338.83)
Fair value of plan assets at the end of the year	2,665.25	2,495.50

Amounts recognised in the balance sheet consist of:

		(Rs. crore)
	As at March 31, 2023	As at March 31, 2022
Fair value of plan assets	2,665.25	2,495.50
Present value of obligation	(2,968.23)	(2,894.87)
	(302.98)	(399.37)
Recognised as:		
Retirement benefit obligations - Non-current	(302.98)	(399.37)

Expense/(gain) recognised in the statement of profit and loss consists of:

		(Rs. crore)
	Year ended March 31, 2023	Year ended March 31, 2022
Employee benefits expense:		
Current service cost	161.21	159.58
Net interest expense	12.44	14.41
	173.65	173.99

Other comprehensive income:		
Return on plan assets excluding amount included in employee benefits expense	5.11	(8.51)
Actuarial (gain)/loss arising from changes in demographic assumption	-	1.74
Actuarial (gain)/loss arising from changes in financial assumption	(58.85)	(60.72)
Actuarial (gain)/loss arising from changes in experience adjustments	71.26	17.94
	17.52	(49.55)
Expense/(gain) recognised in the statement of profit and loss	191.17	124.44

(ii) Fair value of plan assets by category of investment is as below:

	As at March 31, 2023	As at March 31, 2022
Assets category (%)		
Equity instruments (quoted)	2.20%	1.08%
Debt instruments (quoted)	31.07%	24.47%
Insurance products (unquoted)	66.73%	74.45%
	100.00%	100.00%

The Company's investment policy is driven by considerations of maximising returns while ensuring credit quality of debt instruments. The asset allocation for plan assets is determined based on prescribed investment criteria and is also subject to other exposure limitations. The Company evaluates the risks, transaction costs and liquidity for potential investments. To measure plan assets performance, the Company compares actual returns for each asset category with published benchmarks.

(iii) Key assumptions used in the measurement of retiring gratuity are as below:

	As at March 31, 2023	As at March 31, 2022
Discount rate	7.25%	7.00%
Rate of escalation in salary	7.00% to 10.50%	7.00% to 10.50%

(iv) Weighted average duration of the retiring gratuity obligation is 8.10 years (March 31, 2022: 8.00 years).

(v) The Company expects to contribute Rs.302.98 crore to the plan during the financial year 2023-24.

(vi) The table below outlines the effect on retiring gratuity obligation in the event of a decrease/increase of 1% in the assumptions used.

As at March 31, 2023

Assumption	Change in assumption	Impact on obligation
Discount rate	Increase by 1%, decrease by 1%	Decrease by Rs.215.04 crore, increase by Rs.249.32 crore
Rate of escalation in salary	Increase by 1%, decrease by 1%	Increase by Rs.244.12 crore, decrease by Rs.214.85 crore

As at March 31, 2022

Assumption	Change in assumption	Impact on obligation

Discount rate	Increase by 1%, decrease by 1%	Decrease by Rs.213.73 crore, increase by Rs.247.90 crore
Rate of escalation in salary	Increase by 1%, decrease by 1%	Increase by Rs.242.26 crore, decrease by Rs.213.19 crore

The above sensitivities may not be representative of the actual change as it is unlikely that the change in assumptions would occur in isolation of one another as some of the assumptions may be correlated.

(b) Post-retirement medical benefits and other defined benefits:

(i) The following table sets out the amounts recognised in the financial statements in respect of post-retirement medical benefits and other defined benefit plans.

				(Rs. crore)
	Year ended March 31, 2023		Year ended March 31, 2022	
	Medical	Others	Medical	Others
Change in defined benefit obligation:				
Obligation at the beginning of the year	1,680.24	351.29	1,630.52	298.38
Current service cost	23.85	12.59	25.53	23.63
Interest cost	115.19	22.76	103.59	18.13
Remeasurement (gain)/loss				
(i) Actuarial (gains)/losses arising from changes in demographic assumptions	-	-	233.65	15.29
(ii) Actuarial (gains)/losses arising from changes in financial assumptions	(56.42)	(5.94)	(137.69)	(14.06)
(iii) Actuarial (gains)/losses arising from changes in experience adjustments	(225.20)	(11.00)	(101.75)	46.54
Benefits paid	(69.30)	(52.20)	(73.61)	(39.48)
Past service cost	-	-	-	2.86
Obligation at the end of the year	1,468.36	317.50	1,680.24	351.29

Amounts recognised in the balance sheet consist of:

				(Rs. crore)
	As at March 31, 2023		As at March 31, 2022	
	Medical	Others	Medical	Others
Present value of obligation	(1,468.36)	(317.50)	(1,680.24)	(351.29)
Recognised as:				
Retirement benefit obligations - Current	(84.28)	(25.23)	(94.15)	(20.84)
Retirement benefit obligations - Non-current	(1,384.08)	(292.27)	(1,586.09)	(330.45)

Expense/(gain) recognised in the statement of profit and loss consists of:

				(Rs. crore)
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				(crore)
	Year ended March 31, 2023		Year ended March 31, 2022	
	Medical	Others	Medical	Others
Employee benefits expense:				
Current service cost	23.85	12.59	25.53	23.63
Past service cost	-	-	-	2.86
Net interest expense	115.19	22.76	103.59	18.13
	139.04	35.35	129.12	44.62
Other comprehensive income:				
Actuarial (gains)/losses arising from changes in demographic assumptions	-	-	233.65	15.29
Actuarial (gains)/losses arising from changes in financial assumption	(56.42)	(5.94)	(137.69)	(14.06)
Actuarial (gains)/losses arising from changes in experience adjustments	(225.20)	(11.00)	(101.75)	46.54
	(281.62)	(16.94)	(5.79)	47.77
Expense recognised in the statement of profit and loss	(142.58)	18.41	123.33	92.39

(ii) Key assumptions used in the measurement of post-retirement medical benefits and other defined benefit plans is as

	As at March 31, 2023		As at March 31, 2022	
	Medical	Others	Medical	Others
Discount rate	7.25%	7.25%	7.00%	7.00%
Rate of escalation in salary	N.A	15.00%	N.A	15.00%
Inflation rate	8.00%	5.00%	8.00%	5.00%

(iii) Weighted average duration of post-retirement medical benefit obligation is 9.00 years (March 31, 2022: 9.00 years). Weighted average duration of other defined benefit obligation ranges from 1.9 to 15 years (March 31, 2022: 2.4 to 16 years)

(iv) The table below outlines the effect on post-retirement medical benefit obligation in the event of a decrease/increase of 1% in the assumptions used:

As at March 31, 2023

Assumption	Change in assumption	Impact on obligation
Discount rate	Increase by 1%, decrease by 1%	Decrease by Rs.194.08 crore, increase by Rs.249.19 crore
Rate of escalation in salary	Increase by 1%, decrease by 1%	Increase by Rs.232.27 crore, decrease by Rs.184.90 crore

As at March 31, 2022

Assumption	Change in assumption	Impact on obligation
Discount rate	Increase by 1%, decrease by 1%	Decrease by Rs.228.47 crore, increase by Rs.294.78 crore

Rate of escalation in salary	Increase by 1%, decrease by 1%	Increase by Rs.274.38 crore, decrease by Rs.217.56 crore
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(v) The table below outlines the effect on other defined benefit obligation in the event of a decrease/increase of 1 % in the assumptions used.

As at March 31, 2023

Assumption	Change in assumption	Impact on obligation
Discount rate	Increase by 1%, decrease by 1%	Decrease by Rs.21.24 crore, increase by Rs.25.53 crore
Rate of escalation in salary	Increase by 1%, decrease by 1%	Increase by Rs.6.20 crore, decrease by Rs.5.79 crore
Inflation rate	Increase by 1%, decrease by 1%	Increase by Rs.13.39 crore, decrease by Rs.11.59 crore

As at March 31, 2022

Assumption	Change in assumption	Impact on obligation
Discount rate	Increase by 1%, decrease by 1%	Decrease by Rs.24.49 crore, increase by Rs.29.56 crore
Rate of escalation in salary	Increase by 1%, decrease by 1%	Increase by Rs.7.50 crore, decrease by Rs.6.95 crore
Inflation rate	Increase by 1%, decrease by 1%	Increase by Rs.14.50 crore, decrease by Rs.12.53 crore

The above sensitivities may not be representative of the actual change as it is unlikely that the change in assumptions would occur in isolation of one another as some of the assumptions may be correlated.

[612800] Notes - Borrowing costs

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of borrowing costs [TextBlock]		
Whether any borrowing costs has been capitalised during the year	Yes	Yes
Borrowing costs [Abstract]		
Borrowing costs capitalised	281.95	169.98
Borrowing costs recognised as expense	3,792.14	2,792.08
Total borrowing costs incurred	4,074.09	2,962.06
Interest costs [Abstract]		
Interest costs capitalised	0	0
Interest expense	0	0
Total interest costs incurred	0	0
Capitalisation rate of borrowing costs eligible for capitalisation	2.47%	2.88%

[700100] Notes - Key managerial personnels and directors remuneration and other information**Disclosure of key managerial personnels and directors and remuneration to key managerial personnels and directors [Table] ..(1)**

Unless otherwise specified, all monetary values are in Crores of INR

Key managerial personnels and directors [Axis]	Key managerial personnels and Director 1	Key managerial personnels and Director 2	Key managerial personnels and Director 3	Key managerial personnels and Director 4
	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023
Disclosure of key managerial personnels and directors and remuneration to key managerial personnels and directors [Abstract]				
Disclosure of key managerial personnels and directors and remuneration to key managerial personnels and directors [LineItems]				
Name of key managerial personnel or director	CHANDRASEKARAN NATARAJAN	NOEL TATA	SAURABH MAHESH AGRAWAL	Mallika Srinivasan
Director identification number of key managerial personnel or director	00121863	00024713	02144558	
Permanent account number of key managerial personnel or director	ABJPC6349J	AAAPT5602P	AAGPA7428L	AALPS2708J
Date of birth of key managerial personnel or director	02/06/1963	12/11/1956	13/08/1969	19/11/1959
Designation of key managerial personnel or director	Other Non Executive Director	Other Non Executive Director	Other Non Executive Director	Independent Director
Qualification of key managerial personnel or director	Masters in Computer Applications from Reigonal Engineering College, Trichy, Bachelors Degree in - Applied Science	Graduated from Sussex University (UK) and has completed the International Executive Programme (IEP) from INSEAD	Bachelors degree (Hons) in chemical engineering, IIT Roorkee and PGDM from IIM, Calcutta	Textual information (69) [See below]
Shares held by key managerial personnel or director	[shares] 20,00,000	[shares] 1,43,700		
Key managerial personnel or director remuneration [Abstract]				
Sitting fees key managerial personnel or director	0.04	0.04	0.07	(A) 0
Other commission key managerial personnel or director		1.5		0.04
Total key managerial personnel or director remuneration	0.04	1.54	0.07	0.04

Footnotes

(A) 0.80 Lakhs

Disclosure of key managerial personnels and directors and remuneration to key managerial personnels and directors [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Key managerial personnels and directors [Axis]	Key managerial personnels and Director 5	Key managerial personnels and Director 6	Key managerial personnels and Director 7	Key managerial personnels and Director 8
	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023
Disclosure of key managerial personnels and directors and remuneration to key managerial personnels and directors [Abstract]				
Disclosure of key managerial personnels and directors and remuneration to key managerial personnels and directors [LineItems]				
Name of key managerial personnel or director	OM PRAKASH BHATT	DEEPAK KAPOOR	FARIDA KHAMBATA	Bharti Gupta Ramola
Director identification number of key managerial personnel or director	00548091	00162957	06954123	00356188
Permanent account number of key managerial personnel or director	AGPPB9727Q	AAGPK9418C	ALJPK1909N	AAEPR1353F
Date of birth of key managerial personnel or director	07/03/1951	07/01/1959	11/12/1949	21/10/1958
Designation of key managerial personnel or director	Independent Director	Independent Director	Independent Director	Independent Director
Qualification of key managerial personnel or director	Graduate in Science and a post graduate in English Literature (Gold Medalist)	Commerce Graduate from Delhi University, Fellow Member of ICAI and ICSI, Member of Institute of Certified Fraud Examiners, USA	MA in Economics from the University of Cambridge and MS in Business Management from the London Business School.	Postgraduate diploma in management from the Indian Institute of Management, Ahmedabad, and a bachelor's degree (Hons.) in Physics from St. Stephen's College, University of Delhi.
Shares held by key managerial personnel or director			[shares] 8,00,000	
Key managerial personnel or director remuneration [Abstract]				
Sitting fees key managerial personnel or director	0.08	0.06	0.06	0.03
Other commission key managerial personnel or director	2.4	1.5	1.2	0.5
Total key managerial personnel or director remuneration	2.48	1.56	1.26	0.53

Disclosure of key managerial personnels and directors and remuneration to key managerial personnels and directors [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Key managerial personnels and directors [Axis]	Key managerial personnels and Director 9	Key managerial personnels and Director 10	Key managerial personnels and Director 11	Key managerial personnels and directors 12
	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023
Disclosure of key managerial personnels and directors and remuneration to key managerial personnels and directors [Abstract]				
Disclosure of key managerial personnels and directors and remuneration to key managerial personnels and directors [LineItems]				
Name of key managerial personnel or director	DAVID WHIPPLE CRANE	VIJAY KUMAR SHARMA	NARENDRAN VISWANATH THACHAT	KOUSHIK CHATTERJEE
Director identification number of key managerial personnel or director	09354737	02449088	03083605	00004989
Permanent account number of key managerial personnel or director	CRLPC3573J	ABKPS6305H	ABQPV7287B	AETPC4136N
Date of birth of key managerial personnel or director	26/01/1959	19/12/1958	02/06/1965	03/09/1968
Designation of key managerial personnel or director	Independent Director	Independent Director	(A) Managing Director	(B) Whole Time Director
Qualification of key managerial personnel or director	BS in International Relations from Princeton University and Juris Doctor Degree from Harvard Law School.	Post Graduate Degree (MSc) in Botany from Patna University	Mechanical Engineer from REC (NIT), Trichy and MBA from IIM Calcutta	Honours graduate in Commerce from Calcutta University and a Fellow Member of ICAI, India
Shares held by key managerial personnel or director			[shares] 21,710	[shares] 16,360
Key managerial personnel or director remuneration [Abstract]				
Gross salary to key managerial personnel or director [Abstract]				
Salary key managerial personnel or director			1.85	1.65
Perquisites key managerial personnel or director			3.32	3.06
Gross salary to key managerial personnel or director			5.17	4.71
Sitting fees key managerial personnel or director	0.02	0.05		
Other commission key managerial personnel or director	0.5	1.2	13.5	9.5
Total key managerial personnel or director remuneration	0.52	1.25	18.67	14.21

Footnotes

(A) Managing Director and CEO

(B) Whole Time Director and CFO

Disclosure of key managerial personnels and directors and remuneration to key managerial personnels and directors [Table] ..(4)

Unless otherwise specified, all monetary values are in Crores of INR

Key managerial personnels and directors [Axis]	Key managerial personnels and directors 13
	01/04/2022 to 31/03/2023
Disclosure of key managerial personnels and directors and remuneration to key managerial personnels and directors [Abstract]	
Disclosure of key managerial personnels and directors and remuneration to key managerial personnels and directors [LineItems]	
Name of key managerial personnel or director	Kanchinadham Parvatheesam
Permanent account number of key managerial personnel or director	AGRPK4646B
Date of birth of key managerial personnel or director	29/07/1975
Designation of key managerial personnel or director	(A) Company Secretary
Qualification of key managerial personnel or director	Textual information (70) [See below]
Shares held by key managerial personnel or director	[shares] 1,000
Key managerial personnel or director remuneration [Abstract]	
Gross salary to key managerial personnel or director [Abstract]	
Salary key managerial personnel or director	3.75
Perquisites key managerial personnel or director	0.01
Gross salary to key managerial personnel or director	3.76
Total key managerial personnel or director remuneration	3.76

Footnotes

(A) Company Secretary & Chief Legal Officer (Corporate & Compliance)

Textual information (69)**Qualification of key managerial personnel or director**

Masters of Business Management degree from Wharton School of Business, University of Pennsylvania, USA and Masters of Arts in Econometrics from the University of Madras, Chennai.

Textual information (70)**Qualification of key managerial personnel or director**

Bachelor of Commerce (Hons.), Sri Sathya Sai Institute of Higher Learning –1996
 Master of Business Laws, NLSIU – 1998
 Bachelor of Laws, Bangalore University – 1999
 Associate Member of ICSI, The Institute of Company Secretaries of India – 2002
 Master of Business Administration, Sloan School of Management, Massachusetts Institute of Technology – 2013
 LLM in Corporate Governance and Practice, Stanford Law School, Stanford University – 2018
 Master of Accounting, Cambridge Judge Business School, University of Cambridge (Ongoing)

[612200] Notes - Leases

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of leases [TextBlock]		
Whether company has entered into any lease agreement	No	No
Disclosure of recognised finance lease as assets by lessee [TextBlock]		
Whether any operating lease has been converted to financial lease or vice-versa	No	No

[612300] Notes - Transactions involving legal form of lease

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of arrangements involving legal form of lease [TextBlock]		
Whether there are any arrangements involving legal form of lease	No	No

[612900] Notes - Insurance contracts

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of insurance contracts [TextBlock]		
Whether there are any insurance contracts as per Ind AS 104	No	No

[613100] Notes - Effects of changes in foreign exchange rates

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of effect of changes in foreign exchange rates [TextBlock]		
Whether there is any change in functional currency during the year	No	No
Description of presentation currency	INR	

[500100] Notes - Subclassification and notes on income and expenses**Miscellaneous other operating revenues [Table]**

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Miscellaneous other operating revenues [Axis]		Miscellaneous other operating revenues 1	
		01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of other operating revenues [Abstract]			
Other operating revenues [Abstract]			
Miscellaneous other operating revenues		1,540.1	1,339.95
Miscellaneous other operating revenues [Abstract]			
Miscellaneous other operating revenues [LineItems]			
Description of miscellaneous other operating revenues		Other operating revenues	Other operating revenues
Miscellaneous other operating revenues		1,540.1	1,339.95

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Subclassification and notes on income and expense explanatory [TextBlock]		
Disclosure of revenue from operations [Abstract]		
Disclosure of revenue from operations for other than finance company [Abstract]		
Revenue from sale of products	1,25,564.59	1,26,070.07
Revenue from sale of services	(A) 1,901.93	(B) 1,611.33
Other operating revenues	(C) 1,540.1	(D) 1,339.95
Other operating revenues	(C) 1,540.1	(D) 1,339.95
Total revenue from operations other than finance company	1,29,006.62	1,29,021.35
Total revenue from operations	1,29,006.62	1,29,021.35
Disclosure of other operating revenues [Abstract]		
Other operating revenues [Abstract]		
Miscellaneous other operating revenues	1,540.1	1,339.95
Total other operating revenues	(C) 1,540.1	(D) 1,339.95
Total other operating revenues	(C) 1,540.1	(D) 1,339.95
Miscellaneous other operating revenues [Abstract]		
Miscellaneous other operating revenues	1,540.1	1,339.95
Disclosure of other income [Abstract]		
Interest income [Abstract]		
Interest income on current investments [Abstract]		
Interest on other current investments	(E) 2,720.71	(F) 943
Total interest income on current investments	2,720.71	943
Total interest income	2,720.71	943
Dividend income [Abstract]		
Dividend income current investments [Abstract]		
Dividend income current investments from others	(G) 285.38	(H) 243.92
Total dividend income current investments	285.38	243.92
Total dividend income	285.38	243.92
Other non-operating income [Abstract]		
Surplus on disposal, discard, demolition and destruction of depreciable property, plant and equipment	-68	17.28
Miscellaneous other non-operating income	(I) 387.39	(J) 247.82
Total other non-operating income	319.39	265.1
Total other income	3,325.48	1,452.02
Disclosure of finance cost [Abstract]		
Disclosure of notes on finance cost explanatory [TextBlock]	Interest expense includes interest on income tax Rs.27.57 crore (2021-22: Nil).	
Interest expense [Abstract]		
Interest expense other borrowings	3,583.23	2,446.76
Interest lease financing	490.86	515.3
Other interest charges	(K) -281.95	(L) -169.98
Total interest expense	3,792.14	2,792.08
Total finance costs	3,792.14	2,792.08
Employee benefit expense [Abstract]		
Disclosure of notes on employee benefit expense explanatory [TextBlock]	Textual information (71) [See below]	
Salaries and wages	(M) 1,330.44	(N) 946.72
Managerial remuneration [Abstract]		
Remuneration to directors [Abstract]		
Commission to directors	920	930
Other benefits to directors	45.4	46.4
Total remuneration to directors	965.4	976.4
Remuneration to manager [Abstract]		

Salary to manager	349.64	313.5
Commission to manager	2,300	2,600
Other benefits to manager	638.05	553.79
Total remuneration to manager	3,287.69	3,467.29
Total managerial remuneration	4,253.09	4,443.69
Contribution to provident and other funds [Abstract]		
Contribution to provident and other funds for others	568.98	550.29
Total contribution to provident and other funds	568.98	550.29
Staff welfare expense	463.78	425.1
Total employee benefit expense	6,616.29	6,365.8
Depreciation, depletion and amortisation expense [Abstract]		
Depreciation expense	(O) 5,346.16	(P) 5,369.86
Amortisation expense	88.45	93.83
Total depreciation, depletion and amortisation expense	5,434.61	5,463.69
Breakup of other expenses [Abstract]		
Disclosure of notes on other expenses explanatory [TextBlock]	Textual information (72) [See below]	
Consumption of stores and spare parts	9,658.29	6,960.39
Power and fuel	(Q) 5,875.69	(R) 4,663.69
Rent	88.09	85.51
Repairs to building	41.62	46.56
Repairs to machinery	4,956.1	3,973.15
Insurance	228.27	202.87
Rates and taxes excluding taxes on income [Abstract]		
Other cess taxes	1,520.26	2,065.74
Total rates and taxes excluding taxes on income	1,520.26	2,065.74
Directors sitting fees	0	0
Commission paid other selling agents	(S) 290.04	(T) 288.33
Cost transportation [Abstract]		
Cost freight	6,606.15	6,631.96
Total cost transportation	6,606.15	6,631.96
Cost royalty	3,783.07	5,506.3
Net provisions charged [Abstract]		
Other provisions created	(U) -6.16	(V) 63.04
Total net provisions charged	-6.16	63.04
Loss on disposal of intangible Assets	0	0
Loss on disposal, discard, demolition and destruction of depreciable property plant and equipment	0	0
Payments to auditor [Abstract]		
Payment for audit services	9.05	9.24
Payment for taxation matters	0.95	0.6
Payment for other services	0.77	0.27
Payment for reimbursement of expenses	0.2	0
Total payments to auditor	10.97	10.11
CSR expenditure	480.62	405.97
Miscellaneous expenses	(W) 818.61	(X) 3,096.94
Total other expenses	(Y) 34,351.62	(Z) 34,000.56
Current tax [Abstract]		
Current tax pertaining to current year	4,928.05	11,611.94
Total current tax	4,928.05	11,611.94

Footnotes

(A) Sale of power and water

(B) Sale of power and water

(C) Other operating revenues include income from export and other incentive schemes.

(D) Other operating revenues include income from export and other incentive schemes.

(E) Interest income represents income on financial assets carried at amortised cost Rs.2,720.71 crore.

(F) Interest income represents income on financial assets carried at amortised cost Rs.943.00 crore.

(G) Dividend income includes income from investments carried at fair value through other comprehensive income Rs.23.62 crore.

(H) Dividend income includes income from investments carried at fair value through other comprehensive income Rs.20.39 crore.

(I)

Particulars	2022-23
Net gain/(loss) on sale/fair value changes of mutual funds	132.15
Gain/(loss) on cancellation of forwards, swaps and options	247.03
Other miscellaneous income	8.21
Total	387.39

(J)

Particulars	2021-22
Net gain/(loss) on sale/fair value changes of mutual funds	182.57
Gain/(loss) on cancellation of forwards, swaps and options	34.09
Other miscellaneous income	31.16
Total	247.82

(K) Interest capitalised

(L) Interest capitalised

(M)

Particulars	2022-23
Salaries and wages	5,583.53
Less: Managerial remuneration	4,253.09
Total	1,330.44

(N)

Particulars	2021-22
Salaries and wages	5,390.41
Less: Managerial remuneration	4,443.69
Total	946.72

(O)

Particulars	2022-23
Depreciation on property, plant and equipment	4,835.07
Depreciation on right-of-use assets	511.09
Total	5,346.16

(P)

Particulars	2021-22

Depreciation on property, plant and equipment	4,863.26
Depreciation on right-of-use assets	506.60
Total	5,369.86

(Q)

Particulars	2022-23
Fuel oil consumed	530.15
Purchase of power	5,345.54
Total	5,875.69

(R)

Particulars	2021-22
Fuel oil consumed	377.29
Purchase of power	4,286.40
Total	4,663.69

(S) Commission, discounts and rebates

(T) Commission, discounts and rebates

(U) Allowance for credit losses/provision for advances

(V) Allowance for credit losses/provision for advances

(W)

Particulars	2022-23
Relining expenses	232.30
Conversion charges	2,270.35
Others	3,326.89
Less: Auditors' remuneration	10.97
Less: CSR expenditure	480.62
Less: Expenditure (other than interest) transferred to capital and other accounts	4,519.34
Total	818.61

(X)

Particulars	2021-22
Relining expenses	204.09
Conversion charges	1,797.50
Others	3,969.52
Less: Auditors' remuneration	10.11
Less: CSR expenditure	405.97
Less: Expenditure (other than interest) transferred to capital and other accounts	2,458.09
Total	3,096.94

(Y)

Particulars	2022-23

Other expenses	38,870.96
Less: Expenditure (other than finance cost) transferred to capital account	-4,519.34
Total	34,351.62

(Z)

Particulars	2021-22
Other expenses	36,458.65
Less: Expenditure (other than finance cost) transferred to capital account	-2,458.09
Total	34,000.56

Textual information (71)

Disclosure of notes on employee benefit expense explanatory [Text Block]

During the year ended March 31, 2023, the Company has recognised an amount of Rs.37. 82 crore (2021-22: Rs.40.52 crore) as remuneration to key managerial personnel. The details of such remuneration are as below:

		(Rs. crore)
	Year ended March 31, 2023	Year ended March 31, 2022
(a) Short-term employee benefits	32.88	34.67
(b) Post-employment benefits	4.88	5.85
(c) Other long-term employee benefits	0.06	-
	37.82	40.52

Textual information (72)

Disclosure of notes on other expenses explanatory [Text Block]

(i) Others include: net foreign exchange gain Rs.1,874.67 crore (2021-22: Rs.724.84 crore).

(ii) During the year ended March 31, 2023, the Company has recognised an amount of Rs.9.65 crore (2021-22: Rs.9.76 crore) towards payment to non-executive directors. The details are as below:

		(Rs. crore)
	Year ended March 31, 2023	Year ended March 31, 2022
(a) Short-term benefits	9.20	9.30
(b) Sitting fees	0.45	0.46
	9.65	9.76

(iii) Details of auditors' remuneration and out-of-pocket expenses is as below:

		(Rs. crore)
	Year ended March 31, 2023	Year ended March 31, 2022
(a) Auditors remuneration and out-of-pocket expenses		
(i) Statutory audit fees	9.05	9.24
(ii) Tax audit fees	0.95	0.60
(iii) For other services	0.77	0.27
(iv) Out-of-pocket expenses	0.20	-
(b) Cost audit fees [including out of pocket expenses Rs.7,600 (2021-22 : Rs.12,000)]	0.27	0.20

(iv) As per the Companies Act, 2013, amount required to be spent by the Company on Corporate Social Responsibility (CSR) activities during the year was Rs.456.92 crore (2021-22: Rs.266.57 crore).

During the year ended March 31, 2023 amount approved by the Board to be spent on CSR activities was Rs.481.60 crore (2021-22: Rs.526.00 crore).

During the year ended March 31, 2023, in respect of CSR activities revenue expenditure incurred by the Company amounted to Rs.480.62 crore [Rs.476.39 crore has been paid in cash and Rs.4.23 crore is yet to be paid]. The amount spent relates to purpose other than construction or acquisition of any asset and out of the above, Rs.316.41 crore was spent on ongoing projects during the year. There was no amount unspent for the year ended March 31, 2023 and the Company does not propose to carry forward any amount spent beyond the statutory requirement.

During the year ended March 31, 2022, revenue expenditure incurred by the Company amounted to Rs.405.97 crore [Rs.398.11 crore has been paid in cash and Rs.7.86 crore is yet to be paid], which included Rs.167.21 crore spent on ongoing projects. There was no amount unspent for year ended March 31, 2022.

During the year ended March 31, 2023, amount spent on CSR activities through related parties was Rs.435.16 crore (2021-22: Rs.309.42 crore).

(v) During the year ended March 31, 2023, revenue expenditure charged to the statement of profit and loss in respect of research and development activities undertaken was Rs.270.65 crore (2021-22: Rs.212.44 crore) including depreciation of Rs.8.97 crore (2021-22: Rs.9.24 crore). Capital

expenditure incurred in respect of research and development activities during the year was Rs.4.27 crore (2021-22: Rs.0.74 crore).

[613200] Notes - Cash flow statement

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Disclosure of cash flow statement [TextBlock]	Textual information (73) [See below]		
Cash and cash equivalents cash flow statement	858.98	2,671.59	2,221.31
Cash and cash equivalents	858.98	2,671.59	
Income taxes paid (refund), classified as operating activities	4,891.32	11,240.23	
Total income taxes paid (refund)	4,891.32	11,240.23	

Textual information (73)

Disclosure of cash flow statement [Text Block]

(i) Significant non-cash movements in borrowings during the year include:

(a) amortisation/effective interest rate adjustments of upfront fees Rs. 27.02 crore (2021-22: Rs. 138.99 crore).

(b) exchange loss Rs. 277.74 crore (2021-22: Rs. 137.10 crore).

(c) adjustments to lease obligations, increase Rs. 439.34 crore (2021-22: Rs. 196.68 crore).

[500200] Notes - Additional information statement of profit and loss

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Additional information on profit and loss account explanatory [TextBlock]	Textual information (74) [See below]	
Net write-downs (reversals of write-downs) of property, plant and equipment	0	47.91
Aggregated income tax relating to components of other comprehensive income that will not be reclassified to profit or loss	48.05	69.79
Aggregated income tax relating to components of other comprehensive income that will be reclassified to profit or loss	20.5	34.37
Total aggregated income tax relating to components of other comprehensive income	68.55	104.16
Changes in inventories of finished goods	(A) -1,118.51	(B) -1,815.85
Changes in inventories of stock-in-trade	(C) -23.55	(D) -5.02
Total changes in inventories of finished goods, work-in-progress and stock-in-trade	-1,142.06	-1,820.87
Exceptional items before tax	(E) -778.78	(F) -235.45
Total exceptional items	-778.78	-235.45
Details of nature of exceptional items	Textual information (75) [See below]	Textual information (76) [See below]
Domestic sale manufactured goods	1,16,512.37	1,08,582.05
Total domestic turnover goods, gross	1,16,512.37	1,08,582.05
Export sale manufactured goods	9,052.22	17,488.02
Total export turnover goods, gross	9,052.22	17,488.02
Total revenue from sale of products	1,25,564.59	1,26,070.07
Domestic revenue services	1,901.93	1,611.33
Total revenue from sale of services	(G) 1,901.93	(H) 1,611.33
Gross value of transaction with related parties	66,800.83	49,862.47
Bad debts of related parties	0	0

Footnotes

(A)

Particulars	2022-23
Finished and semi-finished goods	
Inventories at the beginning of the year	6,700.41
Less : Inventories at the end of the year	-7,818.92
Total	-1,118.51

(B)

Particulars	2021-22
Finished and semi-finished goods	
Inventories at the beginning of the year	4,884.56
Less : Inventories at the end of the year	-6,700.41
Total	-1,815.85

(C)

Particulars	2022-23
Stock-in-trade	
Inventories at the beginning of the year	30.78
Less : Inventories at the end of the year	-54.33
Total	-23.55

(D)

Particulars	2021-22
Stock-in-trade	
Inventories at the beginning of the year	25.76
Less : Inventories at the end of the year	-30.78
Total	-5.02

(E)

Particulars	2022-23
Profit/(loss) on sale of non-current investments	338.56
Provision for impairment of investments/doubtful advances (net)	-1,056.39
Employee separation compensation	-91.94
Gain/(loss) on non-current investments classified as fair value through profit and loss (net)	30.99
Total	-778.78

(F)

Particulars	2021-22
Profit/(loss) on sale of non-current investments	343.68
Provision for impairment of investments/doubtful advances (net)	-93.22
Employee separation compensation	-330.81

Restructuring and other provisions	-204.84
Gain/(loss) on non-current investments classified as fair value through profit and loss (net)	49.74
Total	-235.45

(G) Sale of power and water

(H) Sale of power and water

Textual information (74)

Additional information on profit and loss account explanatory [Text Block]

Exceptional items

Exceptional items are those which are considered for separate disclosure in the financial statements considering their size, nature or incidence. Such items included the statement of profit and loss are as below:

(a) Profit/(loss) on sale of non-current investments Rs.338.56 crore (2021-22: Rs.343.68 crore) relates to profit recognised on sale of investments in an erstwhile wholly owned subsidiary to a wholly owned subsidiary of the Company.

(b) Provision for impairment of investments/doubtful advances Rs.1,056.39 crore (2021-22: Rs.93.22 crore) relates to provision recognised for investment in a wholly owned subsidiary and an associate net of reversal of provision for loan given to an associate and investment in an erstwhile wholly owned subsidiary.

(c) Employee separation compensation Rs.91.94 crore (2021-22: Rs.330.81 crore) relates to provisions recognised in respect of employee separation scheme of employees.

(d) During the year ended March 31, 2022, restructuring and other provisions Rs.204.84 crore represents provision recognised under family protection scheme for dependents of employees who lost their lives due to COVID-19.

(e) Gain/(loss) on non-current investments classified as fair value through profit and loss Rs.30.99 crore (2021-22: Rs.49.74 crore) primarily represents gain on investments in preference shares held in an associate.

Textual information (75)

Details of nature of exceptional items

Profit/(loss) on sale of non-current investments, Provision for impairment of investments/doubtful advances (net), Employee separation compensation, Gain/(loss) on non-current investments classified as fair value through profit and loss (net)

Textual information (76)

Details of nature of exceptional items

Profit/(loss) on sale of non-current investments, Provision for impairment of investments/doubtful advances (net), Employee separation compensation, Restructuring and other provisions, Gain/(loss) on non-current investments classified as fair value through profit and loss (net)

[611200] Notes - Fair value measurement**Disclosure of fair value measurement of assets [Table]**

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Measurement [Axis]	At fair value [Member]			
Classes of assets [Axis]	Other equity securities [Member]			
Levels of fair value hierarchy [Axis]	Level 1 of fair value hierarchy [Member]	Level 3 of fair value hierarchy [Member]		
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of fair value measurement of assets [Abstract]				
Disclosure of fair value measurement of assets [Line items]				
Assets	988.94	1,182.53	327.26	327.26
Nature of other assets	-	-	-	-
Description of valuation techniques used in fair value measurement, assets	Textual information (77) [See below]	Textual information (78) [See below]	Textual information (79) [See below]	Textual information (80) [See below]
Reconciliation of changes in fair value measurement, assets [Abstract]				
Changes in fair value measurement, assets [Abstract]				
Settlements, fair value measurement, assets			0	0
Total increase (decrease) in fair value measurement, assets			0	0
Assets at end of period	988.94	1,182.53	327.26	327.26
Description of line items in profit or loss where gains (losses) are recognised, fair value measurement, assets	-	-	-	-
Description of line items in other comprehensive income where gains (losses) are recognised, fair value measurement, assets	-	-	-	-
Nature of other assets	-	-	-	-

Disclosure of fair value measurement of assets [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Measurement [Axis]	At fair value [Member]			
Classes of assets [Axis]	Other equity securities [Member]	Derivatives [Member]		Other assets [Member]
Levels of fair value hierarchy [Axis]	Level 3 of fair value hierarchy [Member]	Level 2 of fair value hierarchy [Member]		Level 1 of fair value hierarchy [Member]
	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of fair value measurement of assets [Abstract]				
Disclosure of fair value measurement of assets [Line items]				
Assets	327.26	485.61	222.75	2,050.4
Nature of other assets	-	-	-	-
Description of valuation techniques used in fair value measurement, assets		Textual information (81) [See below]	Textual information (82) [See below]	Textual information (83) [See below]
Reconciliation of changes in fair value measurement, assets [Abstract]				
Assets at end of period	327.26	485.61	222.75	2,050.4
Description of line items in profit or loss where gains (losses) are recognised, fair value measurement, assets	-	-	-	-
Description of line items in other comprehensive income where gains (losses) are recognised, fair value measurement, assets	-	-	-	-
Nature of other assets	-	-	-	-

Disclosure of fair value measurement of assets [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Measurement [Axis]	At fair value [Member]			
Classes of assets [Axis]	Other assets [Member]			
Levels of fair value hierarchy [Axis]	Level 1 of fair value hierarchy [Member]	Level 3 of fair value hierarchy [Member]		
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021
Disclosure of fair value measurement of assets [Abstract]				
Disclosure of fair value measurement of assets [Line items]				
Assets	96.11	85.48	13.72	25.11
Nature of other assets	-	-	-	
Description of valuation techniques used in fair value measurement, assets	Textual information (84) [See below]	Textual information (85) [See below]	Textual information (86) [See below]	
Reconciliation of changes in fair value measurement, assets [Abstract]				
Changes in fair value measurement, assets [Abstract]				
Settlements, fair value measurement, assets		-71.76	11.39	
Total increase (decrease) in fair value measurement, assets		71.76	-11.39	
Assets at end of period	96.11	85.48	13.72	25.11
Description of line items in profit or loss where gains (losses) are recognised, fair value measurement, assets	-	-	-	
Description of line items in other comprehensive income where gains (losses) are recognised, fair value measurement, assets	-	-	-	
Nature of other assets	-	-	-	

Disclosure of fair value measurement of assets [Table]

..(4)

Unless otherwise specified, all monetary values are in Crores of INR

Measurement [Axis]	At fair value [Member]			
Classes of assets [Axis]	Other assets 1 [Member]		Other assets 2 [Member]	
Levels of fair value hierarchy [Axis]	Level 1 of fair value hierarchy [Member]		Level 3 of fair value hierarchy [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of fair value measurement of assets [Abstract]				
Disclosure of fair value measurement of assets [Line items]				
Assets	2,050.4	96.11	85.48	13.72
Nature of other assets	-	-	-	-
Description of valuation techniques used in fair value measurement, assets	Textual information (87) [See below]	Textual information (88) [See below]	Textual information (89) [See below]	Textual information (90) [See below]
Reconciliation of changes in fair value measurement, assets [Abstract]				
Changes in fair value measurement, assets [Abstract]				
Settlements, fair value measurement, assets			-71.76	11.39
Total increase (decrease) in fair value measurement, assets			71.76	-11.39
Assets at end of period	2,050.4	96.11	85.48	13.72
Description of line items in profit or loss where gains (losses) are recognised, fair value measurement, assets	-	-	-	-
Description of line items in other comprehensive income where gains (losses) are recognised, fair value measurement, assets	-	-	-	-
Nature of other assets	-	-	-	-

Disclosure of fair value measurement of assets [Table]

..(5)

Unless otherwise specified, all monetary values are in Crores of INR

Measurement [Axis]	At fair value [Member]	Recurring fair value measurement [Member]		
Classes of assets [Axis]	Other assets 2 [Member]	Other equity securities [Member]		
Levels of fair value hierarchy [Axis]	Level 3 of fair value hierarchy [Member]	Level 1 of fair value hierarchy [Member]	Level 3 of fair value hierarchy [Member]	
	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of fair value measurement of assets [Abstract]				
Disclosure of fair value measurement of assets [Line items]				
Assets	25.11	988.94	1,182.53	327.26
Nature of other assets		Investment in equity shares	Investment in equity shares	Investment in equity shares
Description of valuation techniques used in fair value measurement, assets		Textual information (91) [See below]	Textual information (92) [See below]	Textual information (93) [See below]
Reconciliation of changes in fair value measurement, assets [Abstract]				
Changes in fair value measurement, assets [Abstract]				
Settlements, fair value measurement, assets				0
Total increase (decrease) in fair value measurement, assets				0
Assets at end of period	25.11	988.94	1,182.53	327.26
Description of line items in profit or loss where gains (losses) are recognised, fair value measurement, assets		-	-	-
Description of line items in other comprehensive income where gains (losses) are recognised, fair value measurement, assets		-	-	-
Nature of other assets		Investment in equity shares	Investment in equity shares	Investment in equity shares

Disclosure of fair value measurement of assets [Table]

..(6)

Unless otherwise specified, all monetary values are in Crores of INR

Measurement [Axis]	Recurring fair value measurement [Member]			
Classes of assets [Axis]	Other equity securities [Member]		Derivatives [Member]	
Levels of fair value hierarchy [Axis]	Level 3 of fair value hierarchy [Member]		Level 2 of fair value hierarchy [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of fair value measurement of assets [Abstract]				
Disclosure of fair value measurement of assets [Line items]				
Assets	327.26	327.26	485.61	222.75
Nature of other assets	Investment in equity shares		Derivative financial assets	Derivative financial assets
Description of valuation techniques used in fair value measurement, assets	Textual information (94) [See below]		Textual information (95) [See below]	Textual information (96) [See below]
Reconciliation of changes in fair value measurement, assets [Abstract]				
Changes in fair value measurement, assets [Abstract]				
Settlements, fair value measurement, assets	0			
Total increase (decrease) in fair value measurement, assets	0			
Assets at end of period	327.26	327.26	485.61	222.75
Description of line items in profit or loss where gains (losses) are recognised, fair value measurement, assets	-		-	-
Description of line items in other comprehensive income where gains (losses) are recognised, fair value measurement, assets	-		-	-
Nature of other assets	Investment in equity shares		Derivative financial assets	Derivative financial assets

Disclosure of fair value measurement of assets [Table]

..(7)

Unless otherwise specified, all monetary values are in Crores of INR

Measurement [Axis]	Recurring fair value measurement [Member]			
Classes of assets [Axis]	Other assets [Member]			
Levels of fair value hierarchy [Axis]	Level 1 of fair value hierarchy [Member]		Level 3 of fair value hierarchy [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of fair value measurement of assets [Abstract]				
Disclosure of fair value measurement of assets [Line items]				
Assets	2,050.4	96.11	85.48	13.72
Nature of other assets	-	-	-	-
Description of valuation techniques used in fair value measurement, assets	Textual information (97) [See below]	Textual information (98) [See below]	Textual information (99) [See below]	Textual information (100) [See below]
Reconciliation of changes in fair value measurement, assets [Abstract]				
Changes in fair value measurement, assets [Abstract]				
Settlements, fair value measurement, assets			-71.76	11.39
Total increase (decrease) in fair value measurement, assets			71.76	-11.39
Assets at end of period	2,050.4	96.11	85.48	13.72
Description of line items in profit or loss where gains (losses) are recognised, fair value measurement, assets	-	-	-	-
Description of line items in other comprehensive income where gains (losses) are recognised, fair value measurement, assets	-	-	-	-
Nature of other assets	-	-	-	-

Disclosure of fair value measurement of assets [Table]

..(8)

Unless otherwise specified, all monetary values are in Crores of INR

Measurement [Axis]	Recurring fair value measurement [Member]			
Classes of assets [Axis]	Other assets [Member]	Other assets 1 [Member]		Other assets 2 [Member]
Levels of fair value hierarchy [Axis]	Level 3 of fair value hierarchy [Member]	Level 1 of fair value hierarchy [Member]		Level 3 of fair value hierarchy [Member]
	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of fair value measurement of assets [Abstract]				
Disclosure of fair value measurement of assets [Line items]				
Assets	25.11	2,050.4	96.11	85.48
Nature of other assets		Investment in mutual funds	Investment in mutual funds	Investment in preference shares
Description of valuation techniques used in fair value measurement, assets		Textual information (101) [See below]	Textual information (102) [See below]	Textual information (103) [See below]
Reconciliation of changes in fair value measurement, assets [Abstract]				
Changes in fair value measurement, assets [Abstract]				
Settlements, fair value measurement, assets				-71.76
Total increase (decrease) in fair value measurement, assets				71.76
Assets at end of period	25.11	2,050.4	96.11	85.48
Description of line items in profit or loss where gains (losses) are recognised, fair value measurement, assets		-	-	-
Description of line items in other comprehensive income where gains (losses) are recognised, fair value measurement, assets		-	-	-
Nature of other assets		Investment in mutual funds	Investment in mutual funds	Investment in preference shares

Disclosure of fair value measurement of assets [Table]

..(9)

Unless otherwise specified, all monetary values are in Crores of INR

Measurement [Axis]	Recurring fair value measurement [Member]	
Classes of assets [Axis]	Other assets 2 [Member]	
Levels of fair value hierarchy [Axis]	Level 3 of fair value hierarchy [Member]	
	01/04/2021 to 31/03/2022	31/03/2021
Disclosure of fair value measurement of assets [Abstract]		
Disclosure of fair value measurement of assets [Line items]		
Assets	13.72	25.11
Nature of other assets	Investment in preference shares	
Description of valuation techniques used in fair value measurement, assets	Textual information (104) [See below]	
Reconciliation of changes in fair value measurement, assets [Abstract]		
Changes in fair value measurement, assets [Abstract]		
Settlements, fair value measurement, assets	11.39	
Total increase (decrease) in fair value measurement, assets	-11.39	
Assets at end of period	13.72	25.11
Description of line items in profit or loss where gains (losses) are recognised, fair value measurement, assets	-	
Description of line items in other comprehensive income where gains (losses) are recognised, fair value measurement, assets	-	
Nature of other assets	Investment in preference shares	

Disclosure of fair value measurement of liabilities [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Measurement [Axis]	At fair value [Member]		Recurring fair value measurement [Member]	
Classes of liabilities [Axis]	Liabilities 1		Liabilities 1	
Levels of fair value hierarchy [Axis]	Level 2 of fair value hierarchy [Member]		Level 2 of fair value hierarchy [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of fair value measurement of liabilities [Abstract]				
Disclosure of fair value measurement of liabilities [Line items]				
Nature of liabilities	Derivative financial liabilities	Derivative financial liabilities	Derivative financial liabilities	Derivative financial liabilities
Liabilities	65.58	91.66	65.58	91.66
Description of valuation techniques used in fair value measurement, liabilities	Textual information (105) [See below]	Textual information (106) [See below]	Textual information (107) [See below]	Textual information (108) [See below]
Reconciliation of changes in fair value measurement, liabilities [Abstract]				
Liabilities at end of period	65.58	91.66	65.58	91.66
Description of line items in profit or loss where gains (losses) are recognised, fair value measurement, liabilities	-	-	-	-
Description of line items in other comprehensive income where gains (losses) are recognised, fair value measurement, liabilities	-	-	-	-
Nature of liabilities	Derivative financial liabilities	Derivative financial liabilities	Derivative financial liabilities	Derivative financial liabilities

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of fair value measurement [TextBlock]		
Disclosure of fair value measurement of assets [TextBlock]		
Whether assets have been measured at fair value	Yes	Yes
Disclosure of fair value measurement of liabilities [TextBlock]		
Whether liabilities have been measured at fair value	Yes	Yes
Disclosure of fair value measurement of equity [TextBlock]		
Whether equity have been measured at fair value	No	No
Disclosure of significant unobservable inputs used in fair value measurement of assets [TextBlock]		
Disclosure of significant unobservable inputs used in fair value measurement of liabilities [TextBlock]		

Textual information (77)**Description of valuation techniques used in fair value measurement, assets**

This level of hierarchy includes financial assets that are measured by reference to quoted prices (unadjusted) in active markets for identical assets or liabilities. This category consists of investment in quoted equity shares and mutual funds.

Textual information (78)**Description of valuation techniques used in fair value measurement, assets**

This level of hierarchy includes financial assets that are measured by reference to quoted prices (unadjusted) in active markets for identical assets or liabilities. This category consists of investment in quoted equity shares and mutual funds.

Textual information (79)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets and liabilities measured using inputs that are not based on observable market data (unobservable inputs). Fair value is determined in whole or in part, using a valuation model based on assumptions that are neither supported by prices from observable current market transactions in the same instrument nor are they based on available market data. This Level includes investment in unquoted equity shares and preference shares.

Textual information (80)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets and liabilities measured using inputs that are not based on observable market data (unobservable inputs). Fair value is determined in whole or in part, using a valuation model based on assumptions that are neither supported by prices from observable current market transactions in the same instrument nor are they based on available market data. This Level includes investment in unquoted equity shares and preference shares.

Textual information (81)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets and liabilities, measured using inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly (i.e., as prices) or indirectly (i.e., derived from prices). This level of hierarchy includes the Company's over-the-counter (OTC) derivative contracts.

Textual information (82)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets and liabilities, measured using inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly (i.e., as prices) or indirectly (i.e., derived from prices). This level of hierarchy includes the Company's over-the-counter (OTC) derivative contracts.

Textual information (83)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets that are measured by reference to quoted prices (unadjusted) in active markets for identical assets or liabilities. This category consists of investment in quoted equity shares and mutual funds.

Textual information (84)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets that are measured by reference to quoted prices (unadjusted) in active markets for identical assets or liabilities. This category consists of investment in quoted equity shares and mutual funds.

Textual information (85)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets and liabilities measured using inputs that are not based on observable market data (unobservable inputs). Fair value is determined in whole or in part, using a valuation model based on assumptions that are neither supported by prices from observable current market transactions in the same instrument nor are they based on available market data. This Level includes investment in unquoted equity shares and preference shares.

Textual information (86)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets and liabilities measured using inputs that are not based on observable market data (unobservable inputs). Fair value is determined in whole or in part, using a valuation model based on assumptions that are neither supported by prices from observable current market transactions in the same instrument nor are they based on available market data. This Level includes investment in unquoted equity shares and preference shares.

Textual information (87)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets that are measured by reference to quoted prices (unadjusted) in active markets for identical assets or liabilities. This category consists of investment in quoted equity shares and mutual funds.

Textual information (88)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets that are measured by reference to quoted prices (unadjusted) in active markets for identical assets or liabilities. This category consists of investment in quoted equity shares and mutual funds.

Textual information (89)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets and liabilities measured using inputs that are not based on observable market data (unobservable inputs). Fair value is determined in whole or in part, using a valuation model based on assumptions that are neither supported by prices from observable current market transactions in the same instrument nor are they based on available market data. This Level includes investment in unquoted equity shares and preference shares.

Textual information (90)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets and liabilities measured using inputs that are not based on observable market data (unobservable inputs). Fair value is determined in whole or in part, using a valuation model based on assumptions that are neither supported by prices from observable current market transactions in the same instrument nor are they based on available market data. This Level includes investment in unquoted equity shares and preference shares.

Textual information (91)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets that are measured by reference to quoted prices (unadjusted) in active markets for identical assets or liabilities. This category consists of investment in quoted equity shares and mutual funds.

Textual information (92)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets that are measured by reference to quoted prices (unadjusted) in active markets for identical assets or liabilities. This category consists of investment in quoted equity shares and mutual funds.

Textual information (93)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets and liabilities measured using inputs that are not based on observable market data (unobservable inputs). Fair value is determined in whole or in part, using a valuation model based on assumptions that are neither supported by prices from observable current market transactions in the same instrument nor are they based on available market data. This Level includes investment in unquoted equity shares and preference shares.

Textual information (94)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets and liabilities measured using inputs that are not based on observable market data (unobservable inputs). Fair value is determined in whole or in part, using a valuation model based on assumptions that are neither supported by prices from observable current market transactions in the same instrument nor are they based on available market data. This Level includes investment in unquoted equity shares and preference shares.

Textual information (95)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets and liabilities, measured using inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly (i.e., as prices) or indirectly (i.e., derived from prices). This level of hierarchy includes the Company's over-the-counter (OTC) derivative contracts.

Textual information (96)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets and liabilities, measured using inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly (i.e., as prices) or indirectly (i.e., derived from prices). This level of hierarchy includes the Company's over-the-counter (OTC) derivative contracts.

Textual information (97)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets that are measured by reference to quoted prices (unadjusted) in active markets for identical assets or liabilities. This category consists of investment in quoted equity shares and mutual funds.

Textual information (98)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets that are measured by reference to quoted prices (unadjusted) in active markets for identical assets or liabilities. This category consists of investment in quoted equity shares and mutual funds.

Textual information (99)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets and liabilities measured using inputs that are not based on observable market data (unobservable inputs). Fair value is determined in whole or in part, using a valuation model based on assumptions that are neither supported by prices from observable current market transactions in the same instrument nor are they based on available market data. This Level includes investment in unquoted equity shares and preference shares.

Textual information (100)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets and liabilities measured using inputs that are not based on observable market data (unobservable inputs). Fair value is determined in whole or in part, using a valuation model based on assumptions that are neither supported by prices from observable current market transactions in the same instrument nor are they based on available market data. This Level includes investment in unquoted equity shares and preference shares.

Textual information (101)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets that are measured by reference to quoted prices (unadjusted) in active markets for identical assets or liabilities. This category consists of investment in quoted equity shares and mutual funds.

Textual information (102)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets that are measured by reference to quoted prices (unadjusted) in active markets for identical assets or liabilities. This category consists of investment in quoted equity shares and mutual funds.

Textual information (103)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets and liabilities measured using inputs that are not based on observable market data (unobservable inputs). Fair value is determined in whole or in part, using a valuation model based on assumptions that are neither supported by prices from observable current market transactions in the same instrument nor are they based on available market data. This Level includes investment in unquoted equity shares and preference shares.

Textual information (104)

Description of valuation techniques used in fair value measurement, assets

This level of hierarchy includes financial assets and liabilities measured using inputs that are not based on observable market data (unobservable inputs). Fair value is determined in whole or in part, using a valuation model based on assumptions that are neither supported by prices from observable current market transactions in the same instrument nor are they based on available market data. This Level includes investment in unquoted equity shares and preference shares.

Textual information (105)

Description of valuation techniques used in fair value measurement, liabilities

This level of hierarchy includes financial assets and liabilities, measured using inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly (i.e., as prices) or indirectly (i.e., derived from prices). This level of hierarchy includes the Company's over-the-counter (OTC) derivative contracts.

Textual information (106)

Description of valuation techniques used in fair value measurement, liabilities

This level of hierarchy includes financial assets and liabilities, measured using inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly (i.e., as prices) or indirectly (i.e., derived from prices). This level of hierarchy includes the Company's over-the-counter (OTC) derivative contracts.

Textual information (107)

Description of valuation techniques used in fair value measurement, liabilities

This level of hierarchy includes financial assets and liabilities, measured using inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly (i.e., as prices) or indirectly (i.e., derived from prices). This level of hierarchy includes the Company's over-the-counter (OTC) derivative contracts.

Textual information (108)

Description of valuation techniques used in fair value measurement, liabilities

This level of hierarchy includes financial assets and liabilities, measured using inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly (i.e., as prices) or indirectly (i.e., derived from prices). This level of hierarchy includes the Company's over-the-counter (OTC) derivative contracts.

[613300] Notes - Operating segments

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of entity's operating segments [TextBlock]	Textual information (109) [See below]	
Disclosure of reportable segments [TextBlock]		
Whether there are any reportable segments	No	No
Disclosure of major customers [TextBlock]		
Whether there are any major customers	No	No

Textual information (109)

Disclosure of entity's operating segments [Text Block]

Segment reporting

The Company is primarily engaged in the business of manufacture and distribution of steel products and is operated out of India. In accordance with Ind AS 108 "Operating Segments", the Company has presented segment information on the basis of its consolidated financial statements which forms a part of this report.

[610700] Notes - Business combinations**Disclosure of reconciliation of changes in goodwill [Table]**

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Business combinations [Axis]	Entity 1			
Carrying amount, accumulated depreciation, amortisation and impairment and gross carrying amount [Axis]	Carrying amount [Member]			Gross carrying amount [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023
Disclosure of reconciliation of changes in goodwill [Abstract]				
Disclosure of reconciliation of changes in goodwill [Line items]				
Name of acquiree	Stork Ferro Alloys and Mineral Industries Private Limited	-		Stork Ferro Alloys and Mineral Industries Private Limited
Reconciliation of changes in goodwill [Abstract]				
Changes in goodwill [Abstract]				
Additional recognition, goodwill	3.22	0		3.22
Total increase (decrease) in goodwill	3.22	0		3.22
Goodwill at end of period	3.22	0	0	3.22

Disclosure of reconciliation of changes in goodwill [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Business combinations [Axis]	Entity 1			
Carrying amount, accumulated depreciation, amortisation and impairment and gross carrying amount [Axis]	Gross carrying amount [Member]		Accumulated impairment [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of reconciliation of changes in goodwill [Abstract]				
Disclosure of reconciliation of changes in goodwill [Line items]				
Name of acquiree	-		Stork Ferro Alloys and Mineral Industries Private Limited	-
Reconciliation of changes in goodwill [Abstract]				
Changes in goodwill [Abstract]				
Additional recognition, goodwill	0		3.22	0
Total increase (decrease) in goodwill	0		3.22	0
Goodwill at end of period	0	0	3.22	0

Disclosure of reconciliation of changes in goodwill [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Business combinations [Axis]	Entity 1
Carrying amount, accumulated depreciation, amortisation and impairment and gross carrying amount [Axis]	Accumulated impairment [Member]
	31/03/2021
Disclosure of reconciliation of changes in goodwill [Abstract]	
Disclosure of reconciliation of changes in goodwill [Line items]	
Reconciliation of changes in goodwill [Abstract]	
Goodwill at end of period	0

Disclosure of detailed information about business combination [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Business combinations [Axis]	Entity 1
	01/04/2022 to 31/03/2023
Disclosure of detailed information about business combination [Abstract]	
Disclosure of detailed information about business combination [Line items]	
Name of acquiree	Stork Ferro Alloys and Mineral Industries Private Limited
Date of acquisition	26/07/2022
Percentage of voting equity interests acquired	100.00%
Acquisition-date fair value of total consideration transferred [Abstract]	
Cash transferred	130
Other tangible or intangible assets transferred	25
Total consideration transferred, acquisition-date fair value	155
Amounts recognised as of acquisition date for each major class of assets acquired and liabilities assumed [Abstract]	
Property, plant and equipment recognised as of acquisition date	156.49
Financial liabilities recognised as of acquisition date	4.71
Net identifiable assets acquired (liabilities assumed)	151.78
Additional disclosures for amounts recognised as of acquisition date for each major class of assets acquired and liabilities assumed [Abstract]	
Non-current assets recognised as of acquisition date	156.49
Non-current liabilities recognised as of acquisition date	4.71
Goodwill expected to be deductible for tax purposes	3.22
Name of acquiree	Stork Ferro Alloys and Mineral Industries Private Limited

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of business combinations [TextBlock]	Textual information (110) [See below]	
Whether there is any business combination	Yes	No
Disclosure of detailed information about business combinations [TextBlock]		
Disclosure of reconciliation of changes in goodwill [TextBlock]		
Whether there is any goodwill arising out of business combination	Yes	No
Disclosure of transactions recognised separately from acquisition of assets and assumption of liabilities in business combination [TextBlock]		
Disclosure of acquired receivables [TextBlock]		
Whether there are any acquired receivables from business combination	No	No
Disclosure of contingent liabilities in business combination [TextBlock]		
Whether there are any contingent liabilities in business combination	No	No

Textual information (110)

Disclosure of business combinations [Text Block]

Business combinations

(i) On July 26, 2022, the Company completed the acquisition of itemised assets of Stork Ferro Alloys and Mineral Industries Private Limited ("SFML") to produce ferro alloys. The asset acquisition will provide an inorganic growth opportunity for Tata Steel Limited to augment its ferro alloys processing capacities. The asset acquisition was carried out for a purchase consideration of Rs.155.00 crore. The acquisition has been accounted for in accordance with Ind AS 103 - "Business Combinations".

Fair value of identifiable assets acquired, and liabilities assumed as on the date of acquisition is as below:

	(Rs. crore)
	Fair value as on acquisition date
Non-current assets	
Property, plant and equipment	138.55
Right-of-use assets	17.94
Total assets [A]	156.49
Non-Current liabilities	
Lease liabilities	4.56
Other liabilities	0.15
Total liabilities [B]	4.71
Fair value of identifiable net assets acquired [C=A-B]	151.78
	(Rs. crore)
	Fair value as on acquisition date
Cash consideration paid	130.00
Deferred consideration	25.00
Total consideration paid [D]	155.00
Goodwill [D-C]	3.22

(ii) Goodwill is attributable to the benefit of expected synergies, revenue growth and future market developments. These benefits are not recognised separately from goodwill because they do not meet the recognition criteria for identifiable intangible assets.

(iii) From the date of acquisition, SFML has contributed Rs.28.42 crore to revenue from operations and a loss of Rs.16.07 crore to profit before tax.

Had the acquisition been effected at April 1, 2022, the revenue of the Company would have been higher by Rs.13.24 crore and profit would have been lower by Rs.6.50 crore.

[611500] Notes - Interests in other entities**Details of subsidiaries which are yet to commence operations [Table]**

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries which are yet to commence operations [Axis]	Subsidiary 1		Subsidiary 2	Subsidiary 3
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023
Details of subsidiaries which are yet to commence operations [Abstract]				
Details of subsidiaries which are yet to commence operations [LineItems]				
Name of subsidiary which is yet to commence operations	Subarnarekha Port Private Limited	Subarnarekha Port Private Limited	Bhushan Steel (South) Limited	Bhushan Steel (Australia) PTY Ltd.
Country of incorporation or residence of subsidiary which is yet to commence operations	India	India	India	Australia
CIN of subsidiary company which is yet to commence operations	U45203OR2008PTC010351	U45203OR2008PTC010351	U27100DL2010PLC202027	

Details of subsidiaries which are yet to commence operations [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries which are yet to commence operations [Axis]	Subsidiary 4	Subsidiary 5
	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023
Details of subsidiaries which are yet to commence operations [Abstract]		
Details of subsidiaries which are yet to commence operations [LineItems]		
Name of subsidiary which is yet to commence operations	Bowen Energy PTY Ltd.	Bowen Coal PTY Ltd.
Country of incorporation or residence of subsidiary which is yet to commence operations	Australia	Australia

Details of associates liquidated or sold during year [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Associates liquidated or sold during year [Axis]	Associate 1
	01/04/2021 to 31/03/2022
Details of associates liquidated or sold during year [Abstract]	
Details of associates liquidated or sold during year [LineItems]	
Name of associate liquidated or sold during year	Albi Profils SRL

Details of joint ventures liquidated or sold during year [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures liquidated or sold during year [Axis]	Joint Ventures 1		Joint Ventures 2	Joint Ventures 3
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022
Details of joint ventures liquidated or sold during year [Abstract]				
Details of joint ventures liquidated or sold during year [LineItems]				
Name of joint venture liquidated or sold during year	S&T Mining Company Limited	T M Mining Company Limited	SEZ Adityapur Limited	Medica TS Hospital Private Limited

Disclosure of details of subsidiaries [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 1		Subsidiary 2	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	ABJA Investment Co. Pte. Ltd.	ABJA Investment Co. Pte. Ltd.	ADITYAPUR TOLL BRIDGE COMPANY LIMITED	ADITYAPUR TOLL BRIDGE COMPANY LIMITED
Country of incorporation or residence of subsidiary	Singapore	Singapore	INDIA	INDIA
CIN of subsidiary company			U45201JH1996PLC007124	U45201JH1996PLC007124
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	88.50%	88.50%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	USD	USD	INR	INR
Exchange rate as applicable for subsidiary	82.17	75.78	1	1
Share capital of subsidiary	1.64	1.52	46.78	46.78
Reserves and surplus of subsidiary	-38.14	-92.8	16.47	8.36
Total assets of subsidiary	20,903.69	19,172.48	63.61	55.48
Total liabilities of subsidiary	20,940.19	19,263.76	0.36	0.34
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	0	0	13.47	6.37
Profit before tax of subsidiary	74.28	59.64	9.27	2.28
Provision for tax of subsidiary	11.79	12.82	1.16	0.02
Profit after tax of subsidiary	62.49	46.82	8.11	2.26
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	ABJA Investment Co. Pte. Ltd.	ABJA Investment Co. Pte. Ltd.	ADITYAPUR TOLL BRIDGE COMPANY LIMITED	ADITYAPUR TOLL BRIDGE COMPANY LIMITED
Country of incorporation or residence of subsidiary	Singapore	Singapore	INDIA	INDIA
CIN of subsidiary company			U45201JH1996PLC007124	U45201JH1996PLC007124

Disclosure of details of subsidiaries [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 3		Subsidiary 4	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	TATA STEEL SPECIAL ECONOMIC ZONE LIMITED	TATA STEEL SPECIAL ECONOMIC ZONE LIMITED	THE INDIAN STEEL & WIRE PRODUCTS LTD	THE INDIAN STEEL & WIRE PRODUCTS LTD
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
CIN of subsidiary company	U45201OR2006PLC008971	U45201OR2006PLC008971	U27106WB1935PLC008447	U27106WB1935PLC008447
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	95.01%	95.01%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	INR	INR	INR	INR
Exchange rate as applicable for subsidiary	1	1	1	1
Share capital of subsidiary	459.86	408.42	5.99	5.99
Reserves and surplus of subsidiary	-7.09	-18.48	138.13	136.06
Total assets of subsidiary	472.14	484.55	224.72	212.06
Total liabilities of subsidiary	19.37	94.61	80.6	70.01
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	17.46	8.53	341.99	354.15
Profit before tax of subsidiary	-5.17	15.18	2.13	26.11
Provision for tax of subsidiary		0.17	0.68	6.26
Profit after tax of subsidiary	-5.17	15.01	1.45	19.85
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	TATA STEEL SPECIAL ECONOMIC ZONE LIMITED	TATA STEEL SPECIAL ECONOMIC ZONE LIMITED	THE INDIAN STEEL & WIRE PRODUCTS LTD	THE INDIAN STEEL & WIRE PRODUCTS LTD
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
CIN of subsidiary company	U45201OR2006PLC008971	U45201OR2006PLC008971	U27106WB1935PLC008447	U27106WB1935PLC008447

Disclosure of details of subsidiaries [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 5		Subsidiary 6	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	TATA STEEL UTILITIES A N D INFRASTRUCTURE SERVICES LIMITED	TATA STEEL UTILITIES A N D INFRASTRUCTURE SERVICES LIMITED	HALDIA WATER MANAGEMENT LIMITED	HALDIA WATER MANAGEMENT LIMITED
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
CIN of subsidiary company	U45200JH2003PLC010315	U45200JH2003PLC010315	U74140WB2008PLC126534	U74140WB2008PLC126534
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	60.00%	60.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	INR	INR	INR	INR
Exchange rate as applicable for subsidiary	1	1	1	1
Share capital of subsidiary	63.22	60.05	27.77	27.77
Reserves and surplus of subsidiary	1,043.48	934.24	-32.31	-78.46
Total assets of subsidiary	1,931.21	1,740.75	0.3	0.29
Total liabilities of subsidiary	824.51	746.46	4.84	50.98
Investment of subsidiary	891.56	811.51	0	0
Turnover of subsidiary	1,426.76	1,144.16	0	0
Profit before tax of subsidiary	109.4	100.47	-0.01	-0.01
Provision for tax of subsidiary	18.44	14	0	0
Profit after tax of subsidiary	90.96	86.47	-0.01	-0.01
Proposed dividend of subsidiary	3.59	47.89	0	0
Name of subsidiary	TATA STEEL UTILITIES A N D INFRASTRUCTURE SERVICES LIMITED	TATA STEEL UTILITIES A N D INFRASTRUCTURE SERVICES LIMITED	HALDIA WATER MANAGEMENT LIMITED	HALDIA WATER MANAGEMENT LIMITED
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
CIN of subsidiary company	U45200JH2003PLC010315	U45200JH2003PLC010315	U74140WB2008PLC126534	U74140WB2008PLC126534

Disclosure of details of subsidiaries [Table]

..(4)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 7		Subsidiary 8	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	TATA STEEL BUSINESS DELIVERY CENTRE LIMITED	TATA STEEL BUSINESS DELIVERY CENTRE LIMITED	MOHAR EXPORT SERVICES PVT LTD	MOHAR EXPORT SERVICES PVT LTD
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
CIN of subsidiary company	U74999WB2018PLC224208	U74999WB2018PLC224208	U51900MH1988PTC049518	U51900MH1988PTC049518
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	66.46%	66.46%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	INR	INR	INR	INR
Exchange rate as applicable for subsidiary	1	1	1	1
Share capital of subsidiary	4	4	0.01	0.01
Reserves and surplus of subsidiary	3.12	2.74	-0.05	-0.05
Total assets of subsidiary	12.94	10.63	0.06	0.06
Total liabilities of subsidiary	5.82	3.89	0.1	0.1
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	29.87	25.08	0	0
Profit before tax of subsidiary	3.52	3.01	0	0
Provision for tax of subsidiary	0.85	0.76	0	0
Profit after tax of subsidiary	2.67	2.25	0	0
Proposed dividend of subsidiary	2.28	4.6	0	0
Name of subsidiary	TATA STEEL BUSINESS DELIVERY CENTRE LIMITED	TATA STEEL BUSINESS DELIVERY CENTRE LIMITED	MOHAR EXPORT SERVICES PVT LTD	MOHAR EXPORT SERVICES PVT LTD
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
CIN of subsidiary company	U74999WB2018PLC224208	U74999WB2018PLC224208	U51900MH1988PTC049518	U51900MH1988PTC049518

Disclosure of details of subsidiaries [Table]

..(5)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 9		Subsidiary 10	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	NatSteel Asia Pte. Ltd.	NatSteel Asia Pte. Ltd.	TS Asia (Hong Kong) Ltd.	TS Asia (Hong Kong) Ltd.
Country of incorporation or residence of subsidiary	Singapore	Singapore	Hong Kong SAR	Hong Kong SAR
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	USD	USD	USD	USD
Exchange rate as applicable for subsidiary	82.17	75.78	82.17	75.78
Share capital of subsidiary	0	1,303.22	0	8.64
Reserves and surplus of subsidiary	0	-283.61	0	-3.27
Total assets of subsidiary	0	1,020.21	0	5.84
Total liabilities of subsidiary	0	0.6	0	0.47
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	0	0	0	7.05
Profit before tax of subsidiary	0	190.53	-0.24	1.34
Provision for tax of subsidiary	0	0.5	-0.21	-0.25
Profit after tax of subsidiary	0	190.03	-0.03	1.59
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	NatSteel Asia Pte. Ltd.	NatSteel Asia Pte. Ltd.	TS Asia (Hong Kong) Ltd.	TS Asia (Hong Kong) Ltd.
Country of incorporation or residence of subsidiary	Singapore	Singapore	Hong Kong SAR	Hong Kong SAR

Disclosure of details of subsidiaries [Table]

..(6)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 11		Subsidiary 12	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	RUJUVALIKA INVESTMENTS LIMITED	RUJUVALIKA INVESTMENTS LIMITED	TATA STEEL MINING LIMITED	TATA STEEL MINING LIMITED
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
CIN of subsidiary company	U67120MH1988PLC049872	U67120MH1988PLC049872	U27109OR2004PLC009683	U27109OR2004PLC009683
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	INR	INR	INR	INR
Exchange rate as applicable for subsidiary	1	1	1	1
Share capital of subsidiary	1.33	1.33	850.12	485.07
Reserves and surplus of subsidiary	131.25	157.01	-371.21	-413.56
Total assets of subsidiary	136.69	165.84	5,075.9	3,279.94
Total liabilities of subsidiary	4.11	7.5	4,596.99	3,208.43
Investment of subsidiary	136.13	165.41	33.74	16.26
Turnover of subsidiary	0	0	4,999.91	4,605.35
Profit before tax of subsidiary	6.48	4.04	-270.21	-1,131.4
Provision for tax of subsidiary	0.48	0.3	2.29	-248.37
Profit after tax of subsidiary	6	3.74	-272.5	-883.03
Proposed dividend of subsidiary	0	25.83	0	0
Name of subsidiary	RUJUVALIKA INVESTMENTS LIMITED	RUJUVALIKA INVESTMENTS LIMITED	TATA STEEL MINING LIMITED	TATA STEEL MINING LIMITED
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
CIN of subsidiary company	U67120MH1988PLC049872	U67120MH1988PLC049872	U27109OR2004PLC009683	U27109OR2004PLC009683

Disclosure of details of subsidiaries [Table]

..(7)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 13		Subsidiary 14	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	TATA KORF ENGINEERING SERVICES LTD	TATA KORF ENGINEERING SERVICES LTD	TATA METALIKS LTD.	TATA METALIKS LTD.
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
CIN of subsidiary company	U74210WB1985PLC039675	U74210WB1985PLC039675	L27310WB1990PLC050000	L27310WB1990PLC050000
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	60.03%	60.03%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	INR	INR	INR	INR
Exchange rate as applicable for subsidiary	1	1	1	1
Share capital of subsidiary	0	0	31.58	31.58
Reserves and surplus of subsidiary	0	0	1,547.89	1,493.69
Total assets of subsidiary	0	0	2,505.92	2,349.18
Total liabilities of subsidiary	0	0	926.45	823.91
Investment of subsidiary	0	0	100.25	60.31
Turnover of subsidiary	0	0	3,259.57	2,745.53
Profit before tax of subsidiary	0	0	100.7	338.71
Provision for tax of subsidiary	0	0	20.15	101.26
Profit after tax of subsidiary	0	0	80.55	237.45
Proposed dividend of subsidiary	0	0	15.79	12.63
Name of subsidiary	TATA KORF ENGINEERING SERVICES LTD	TATA KORF ENGINEERING SERVICES LTD	TATA METALIKS LTD.	TATA METALIKS LTD.
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
CIN of subsidiary company	U74210WB1985PLC039675	U74210WB1985PLC039675	L27310WB1990PLC050000	L27310WB1990PLC050000

Disclosure of details of subsidiaries [Table]

..(8)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 15		Subsidiary 16	Subsidiary 17
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	TATA STEEL LONG PRODUCTS LIMITED	TATA STEEL LONG PRODUCTS LIMITED	TSIL ENERGY LIMITED	T Steel Holdings Pte. Ltd.
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	Singapore
CIN of subsidiary company	L27102OR1982PLC001091	L27102OR1982PLC001091	U40109OR2012PLC016232	
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	74.91%	74.91%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	INR	INR	INR	GBP
Exchange rate as applicable for subsidiary	1	1	1	82.17
Share capital of subsidiary	14,025.01	45.1	0	1,15,885.61
Reserves and surplus of subsidiary	2,014.3	3,155.37	0	-91,841.08
Total assets of subsidiary	20,666.31	19,812.27	0	59,790.41
Total liabilities of subsidiary	4,627	16,611.8	0	35,745.88
Investment of subsidiary	13,632.63	8,093.3	0	24,044.34
Turnover of subsidiary	7,464.07	6,801.63	0	0
Profit before tax of subsidiary	-1,029.62	858.38	0.02	16.67
Provision for tax of subsidiary	55.87	228.51	0.02	3.53
Profit after tax of subsidiary	-1,085.49	629.87	0	13.14
Proposed dividend of subsidiary	0	56.38	0	0
Name of subsidiary	TATA STEEL LONG PRODUCTS LIMITED	TATA STEEL LONG PRODUCTS LIMITED	TSIL ENERGY LIMITED	T Steel Holdings Pte. Ltd.
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	Singapore
CIN of subsidiary company	L27102OR1982PLC001091	L27102OR1982PLC001091	U40109OR2012PLC016232	

Disclosure of details of subsidiaries [Table]

..(9)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 17	Subsidiary 18		Subsidiary 19
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	T Steel Holdings Pte. Ltd.	T S Global Holdings Pte. Ltd.	T S Global Holdings Pte. Ltd.	Orchid Netherlands (No.1) B.V.
Country of incorporation or residence of subsidiary	Singapore	Singapore	Singapore	Netherlands
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	GBP	GBP	GBP	EUR
Exchange rate as applicable for subsidiary	99.51	82.17	99.51	89.29
Share capital of subsidiary	82,496.03	1,14,607.69	81,702.12	0.16
Reserves and surplus of subsidiary	-60,310.51	-98,043.11	-63,786.02	-0.45
Total assets of subsidiary	5,42,019.1	81,784.52	73,717.52	8.16
Total liabilities of subsidiary	32,023.58	65,219.94	55,801.42	8.45
Investment of subsidiary	22,184.49	64,067.34	59,781.48	0
Turnover of subsidiary	0	0	0	0
Profit before tax of subsidiary	-0.2	-2,464.95	-1,921.67	-0.35
Provision for tax of subsidiary	0	90.44	-32.69	0
Profit after tax of subsidiary	-0.2	-2,555.39	-1,888.98	-0.35
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	T Steel Holdings Pte. Ltd.	T S Global Holdings Pte. Ltd.	T S Global Holdings Pte. Ltd.	Orchid Netherlands (No.1) B.V.
Country of incorporation or residence of subsidiary	Singapore	Singapore	Singapore	Netherlands

Disclosure of details of subsidiaries [Table]

..(10)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 19	Subsidiary 20	Subsidiary 21	Subsidiary 22
	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Orchid Netherlands (No.1) B.V.	NatSteel Holdings Pte. Ltd.	Easteel Services (M) Sdn. Bhd.	Eastern Steel Fabricators Philippines, Inc.
Country of incorporation or residence of subsidiary	Netherlands	Singapore	Malaysia	Philippines
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2021	01/04/2021	01/04/2021
End date of accounting period of subsidiary	31/03/2022	31/03/2022	31/03/2022	31/03/2022
Percentage of shareholding in subsidiary	100.00%	0.00%	0.00%	67.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	EUR	SGD	MYR	SGD
Exchange rate as applicable for subsidiary	84.11	55.96	18.05	55.96
Share capital of subsidiary	0.15	0	0	24.3
Reserves and surplus of subsidiary	-0.09	0	0	-34.61
Total assets of subsidiary	7.22	0	0	3.36
Total liabilities of subsidiary	7.16	0	0	13.67
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	0	2,576.89	171.76	0
Profit before tax of subsidiary	-0.34	190.7	-5.09	0
Provision for tax of subsidiary	0	37.89	-1.23	0
Profit after tax of subsidiary	-0.34	152.81	-3.86	0
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Orchid Netherlands (No.1) B.V.	NatSteel Holdings Pte. Ltd.	Easteel Services (M) Sdn. Bhd.	Eastern Steel Fabricators Philippines, Inc.
Country of incorporation or residence of subsidiary	Netherlands	Singapore	Malaysia	Philippines

Disclosure of details of subsidiaries [Table]

..(11)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 23	Subsidiary 24	Subsidiary 25	
	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	NatSteel Recycling Pte Ltd.	NatSteel Trade International Pte. Ltd.	The Siam Industrial Wire Company Ltd.	The Siam Industrial Wire Company Ltd.
Country of incorporation or residence of subsidiary	Singapore	Singapore	Thailand	Thailand
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2022	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	0.00%	0.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	SGD	USD	THB	THB
Exchange rate as applicable for subsidiary	55.96	75.78	2.4	2.28
Share capital of subsidiary	0	0	110.51	104.88
Reserves and surplus of subsidiary	0	0	1,685.73	1,440.28
Total assets of subsidiary	0	0	1,968.56	1,713.72
Total liabilities of subsidiary	0	0	172.32	168.56
Investment of subsidiary	0	0	33.63	68.4
Turnover of subsidiary	1,129.58	0	2,036.8	1,972.26
Profit before tax of subsidiary	2.14	-0.02	200.54	242.44
Provision for tax of subsidiary	0.48	0	32.34	31.51
Profit after tax of subsidiary	1.66	-0.02	168.2	210.93
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	NatSteel Recycling Pte Ltd.	NatSteel Trade International Pte. Ltd.	The Siam Industrial Wire Company Ltd.	The Siam Industrial Wire Company Ltd.
Country of incorporation or residence of subsidiary	Singapore	Singapore	Thailand	Thailand

Disclosure of details of subsidiaries [Table]

..(12)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 26		Subsidiary 27	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	TSN Wires Co., Ltd.	TSN Wires Co., Ltd.	Tata Steel Europe Limited	Tata Steel Europe Limited
Country of incorporation or residence of subsidiary	Thailand	Thailand	United Kingdom	United Kingdom
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	60.00%	60.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	THB	THB	GBP	GBP
Exchange rate as applicable for subsidiary	2.4	2.28	101.68	99.51
Share capital of subsidiary	168.17	159.61	1,03,940.92	1,01,719
Reserves and surplus of subsidiary	-149.62	-128.07	-50,853.78	-49,748.8
Total assets of subsidiary	207.5	216.07	55,017.75	52,799.02
Total liabilities of subsidiary	188.95	184.53	1,930.61	828.82
Investment of subsidiary	0	0	53,114.06	51,969.43
Turnover of subsidiary	282.22	324.84	0	0
Profit before tax of subsidiary	-14.68	9.64	-18.29	405.08
Provision for tax of subsidiary	0	0	0	0
Profit after tax of subsidiary	-14.68	9.64	-18.29	405.08
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	TSN Wires Co., Ltd.	TSN Wires Co., Ltd.	Tata Steel Europe Limited	Tata Steel Europe Limited
Country of incorporation or residence of subsidiary	Thailand	Thailand	United Kingdom	United Kingdom

Disclosure of details of subsidiaries [Table]

..(13)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 28		Subsidiary 29	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Apollo Metals Limited	Apollo Metals Limited	(A) 00030048 Limited	British Steel Corporation Limited
Country of incorporation or residence of subsidiary	United States of America	United States of America	United Kingdom	United Kingdom
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	USD	USD	GBP	GBP
Exchange rate as applicable for subsidiary	82.17	75.78	101.68	99.51
Share capital of subsidiary	0	0	0	0
Reserves and surplus of subsidiary	60.17	239.31	401.54	392.96
Total assets of subsidiary	108.13	267.71	401.54	392.96
Total liabilities of subsidiary	47.96	28.4	0	0
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	341.92	254.32	0	0
Profit before tax of subsidiary	33.11	40.64	0	0
Provision for tax of subsidiary	0.51	2.27	0	0
Profit after tax of subsidiary	32.6	38.37	0	0
Proposed dividend of subsidiary	230.08	0	0	0
Name of subsidiary	Apollo Metals Limited	Apollo Metals Limited	(A) 00030048 Limited	British Steel Corporation Limited
Country of incorporation or residence of subsidiary	United States of America	United States of America	United Kingdom	United Kingdom

Footnotes

(A) Formerly British Steel Corporation Limited

Disclosure of details of subsidiaries [Table]

..(14)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 30	Subsidiary 31		Subsidiary 32
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	British Steel Directors (Nominees) Limited	British Steel Nederland International B.V.	British Steel Nederland International B.V.	C V Benine
Country of incorporation or residence of subsidiary	United Kingdom	Netherlands	Netherlands	Netherlands
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	Yes
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/01/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/12/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	76.92%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	GBP	EUR	EUR	EUR
Exchange rate as applicable for subsidiary	99.51	89.29	84.11	89.29
Share capital of subsidiary	0	0.17	0.16	19.35
Reserves and surplus of subsidiary	0	507.17	391.98	-0.02
Total assets of subsidiary	0	776.42	718.66	93
Total liabilities of subsidiary	0	269.08	326.52	73.67
Investment of subsidiary	0	298.29	290.7	0
Turnover of subsidiary	0	0	0	0
Profit before tax of subsidiary	0	91.54	144.77	0
Provision for tax of subsidiary	0	0.49	-3.88	0
Profit after tax of subsidiary	0	91.05	148.65	0
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	British Steel Directors (Nominees) Limited	British Steel Nederland International B.V.	British Steel Nederland International B.V.	C V Benine
Country of incorporation or residence of subsidiary	United Kingdom	Netherlands	Netherlands	Netherlands

Disclosure of details of subsidiaries [Table]

..(15)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 32	Subsidiary 33		Subsidiary 34
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	C V Benine	Catnic GmbH	Catnic GmbH	Catnic Limited
Country of incorporation or residence of subsidiary	Netherlands	Germany	Germany	United Kingdom
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	Yes	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/01/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/12/2021	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	76.92%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	EUR	EUR	EUR	GBP
Exchange rate as applicable for subsidiary	84.11	89.29	84.11	101.68
Share capital of subsidiary	18.23	0.23	0.22	2.28
Reserves and surplus of subsidiary	-0.02	79.75	70.25	-2.9
Total assets of subsidiary	86.17	106.03	137.67	0.19
Total liabilities of subsidiary	67.96	26.05	67.2	0.81
Investment of subsidiary	0	0	0	0.19
Turnover of subsidiary	0	240.92	218.7	0
Profit before tax of subsidiary	0	7.74	6.21	0
Provision for tax of subsidiary	0	2.57	1.46	0
Profit after tax of subsidiary	0	5.17	4.75	0
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	C V Benine	Catnic GmbH	Catnic GmbH	Catnic Limited
Country of incorporation or residence of subsidiary	Netherlands	Germany	Germany	United Kingdom

Disclosure of details of subsidiaries [Table]

..(16)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 34	Subsidiary 35	Subsidiary 36	
	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Catnic Limited	Cogent Power Inc.	Cogent Power Limited	Cogent Power Limited
Country of incorporation or residence of subsidiary	United Kingdom	United States of America	United Kingdom	United Kingdom
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2022	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	0.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	GBP	USD	GBP	GBP
Exchange rate as applicable for subsidiary	99.51	75.78	101.68	99.51
Share capital of subsidiary	2.24	0	433.84	424.56
Reserves and surplus of subsidiary	-2.85	0	-148.8	-159.28
Total assets of subsidiary	0.19	0	594.36	567.99
Total liabilities of subsidiary	0.8	0	309.32	302.71
Investment of subsidiary	0.19	0	191.54	187.45
Turnover of subsidiary	0	0	0	0
Profit before tax of subsidiary	0	-0.35	13.96	13.97
Provision for tax of subsidiary	0	0	0	0
Profit after tax of subsidiary	0	-0.35	13.96	13.97
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Catnic Limited	Cogent Power Inc.	Cogent Power Limited	Cogent Power Limited
Country of incorporation or residence of subsidiary	United Kingdom	United States of America	United Kingdom	United Kingdom

Disclosure of details of subsidiaries [Table]

..(17)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 37		Subsidiary 38	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Corbeil Les Rives SCI	Corbeil Les Rives SCI	Corby (Northants) & District Water Company Limited	Corby (Northants) & District Water Company Limited
Country of incorporation or residence of subsidiary	France	France	United Kingdom	United Kingdom
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	Yes	Yes	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/01/2022	01/01/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/12/2022	31/12/2021	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	67.30%	67.30%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	EUR	EUR	GBP	GBP
Exchange rate as applicable for subsidiary	89.29	84.11	101.68	99.51
Share capital of subsidiary	5.73	5.4	2.64	2.59
Reserves and surplus of subsidiary	-0.45	4.94	3.56	3.48
Total assets of subsidiary	7.66	10.37	9.77	8.97
Total liabilities of subsidiary	2.38	0.03	3.57	2.9
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	0	0	1.11	1.83
Profit before tax of subsidiary	-5.69	0	0	0
Provision for tax of subsidiary	0	0	0	0
Profit after tax of subsidiary	-5.69	0	0	0
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Corbeil Les Rives SCI	Corbeil Les Rives SCI	Corby (Northants) & District Water Company Limited	Corby (Northants) & District Water Company Limited
Country of incorporation or residence of subsidiary	France	France	United Kingdom	United Kingdom

Disclosure of details of subsidiaries [Table]

..(18)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 39		Subsidiary 40	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Corus CNBV Investments	Corus CNBV Investments	Corus Engineering Steels (UK) Limited	Corus Engineering Steels (UK) Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	United Kingdom	United Kingdom
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	GBP	GBP	GBP	GBP
Exchange rate as applicable for subsidiary	101.68	99.51	101.68	99.51
Share capital of subsidiary	0	0	0	0
Reserves and surplus of subsidiary	0	0	0	0
Total assets of subsidiary	0	0	0	0
Total liabilities of subsidiary	0	0	0	0
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	0	0	0	0
Profit before tax of subsidiary	0	0	0	0
Provision for tax of subsidiary	0	0	0	0
Profit after tax of subsidiary	0	0	0	0
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Corus CNBV Investments	Corus CNBV Investments	Corus Engineering Steels (UK) Limited	Corus Engineering Steels (UK) Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	United Kingdom	United Kingdom

Disclosure of details of subsidiaries [Table]

..(19)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 41		Subsidiary 42	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Corus Engineering Steels Limited	Corus Engineering Steels Limited	Corus Group Limited	Corus Group Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	United Kingdom	United Kingdom
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	GBP	GBP	GBP	GBP
Exchange rate as applicable for subsidiary	101.68	99.51	101.68	99.51
Share capital of subsidiary	0	0	65,265.92	63,870.75
Reserves and surplus of subsidiary	0	0	-54,104.45	-52,820.28
Total assets of subsidiary	0	0	13,592.21	13,292.43
Total liabilities of subsidiary	0	0	2,430.74	2,241.96
Investment of subsidiary	0	0	13,582.76	13,292.41
Turnover of subsidiary	0	0	0	0
Profit before tax of subsidiary	0	0	-130.38	815.22
Provision for tax of subsidiary	0	0	0	0
Profit after tax of subsidiary	0	0	-130.38	815.22
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Corus Engineering Steels Limited	Corus Engineering Steels Limited	Corus Group Limited	Corus Group Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	United Kingdom	United Kingdom

Disclosure of details of subsidiaries [Table]

..(20)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 43		Subsidiary 44	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Corus Holdings Limited	Corus Holdings Limited	Corus International (Overseas Holdings) Limited	Corus International (Overseas Holdings) Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	United Kingdom	United Kingdom
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	GBP	GBP	GBP	GBP
Exchange rate as applicable for subsidiary	101.68	99.51	101.68	99.51
Share capital of subsidiary	2.54	2.49	1,435.78	1,405.08
Reserves and surplus of subsidiary	6.33	5.25	4,086.58	3,774.59
Total assets of subsidiary	1.34	1.31	5,532.29	5,189.17
Total liabilities of subsidiary	-7.53	-6.43	9.93	9.5
Investment of subsidiary	0	0	296.91	290.56
Turnover of subsidiary	0	0	0	0
Profit before tax of subsidiary	0.97	0	229.77	125.71
Provision for tax of subsidiary	0	0	0.23	10.09
Profit after tax of subsidiary	0.97	0	229.54	115.62
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Corus Holdings Limited	Corus Holdings Limited	Corus International (Overseas Holdings) Limited	Corus International (Overseas Holdings) Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	United Kingdom	United Kingdom

Disclosure of details of subsidiaries [Table]

..(21)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 45		Subsidiary 46	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Corus International Limited	Corus International Limited	Corus International Romania SRL.	Corus International Romania SRL.
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	Romania	Romania
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	Yes	Yes
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/01/2022	01/01/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/12/2022	31/12/2021
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	GBP	GBP	RON	RON
Exchange rate as applicable for subsidiary	101.68	99.51	18.04	17.04
Share capital of subsidiary	4,986.01	4,879.43	0.01	0.01
Reserves and surplus of subsidiary	-1,873.72	-1,833.67	7.19	4.99
Total assets of subsidiary	3,052	2,986.76	7.28	5.2
Total liabilities of subsidiary	-60.29	-59	0.08	0.2
Investment of subsidiary	3,033	2,968.17	0	0
Turnover of subsidiary	0	0	0	0
Profit before tax of subsidiary	0	2.49	1.94	2.54
Provision for tax of subsidiary	0	0	0.03	0.03
Profit after tax of subsidiary	0	2.49	1.91	2.51
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Corus International Limited	Corus International Limited	Corus International Romania SRL.	Corus International Romania SRL.
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	Romania	Romania

Disclosure of details of subsidiaries [Table]

..(22)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 47		Subsidiary 48	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Corus Investments Limited	Corus Investments Limited	Corus Ireland Limited	Corus Ireland Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	Ireland	Ireland
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	GBP	GBP	EUR	EUR
Exchange rate as applicable for subsidiary	101.68	99.51	89.29	84.11
Share capital of subsidiary	0	218.91	0	0
Reserves and surplus of subsidiary	230.61	6.77	11.66	7.8
Total assets of subsidiary	230.61	225.68	11.88	7.97
Total liabilities of subsidiary	0	0	0.22	0.17
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	0	0	0	0
Profit before tax of subsidiary	0	0	4.44	6.63
Provision for tax of subsidiary	0	0	1.06	0.31
Profit after tax of subsidiary	0	0	3.38	6.32
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Corus Investments Limited	Corus Investments Limited	Corus Ireland Limited	Corus Ireland Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	Ireland	Ireland

Disclosure of details of subsidiaries [Table]

..(23)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 49		Subsidiary 50	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Corus Services Limited Liaison (India)	Corus Services Limited Liaison (India)	Corus Management Limited	Corus Management Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	United Kingdom	United Kingdom
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	GBP	GBP	GBP	GBP
Exchange rate as applicable for subsidiary	101.68	99.51	101.68	99.51
Share capital of subsidiary	0	0	0	0
Reserves and surplus of subsidiary	-26.13	-25.57	411.17	402.38
Total assets of subsidiary	0	0	1,380.16	1,350.66
Total liabilities of subsidiary	26.13	25.57	968.99	948.28
Investment of subsidiary	0	0	453.45	443.75
Turnover of subsidiary	0	0	0	0
Profit before tax of subsidiary	0	-1.78	0	0
Provision for tax of subsidiary	0	0	0	0
Profit after tax of subsidiary	0	-1.78	0	0
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Corus Services Limited Liaison (India)	Corus Services Limited Liaison (India)	Corus Management Limited	Corus Management Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	United Kingdom	United Kingdom

Disclosure of details of subsidiaries [Table]

..(24)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 51		Subsidiary 52	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Corus Property	Corus Property	Corus UK Healthcare Trustee Limited	Corus UK Healthcare Trustee Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	United Kingdom	United Kingdom
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	GBP	GBP	GBP	GBP
Exchange rate as applicable for subsidiary	101.68	99.51	101.68	99.51
Share capital of subsidiary	0	0	0	0
Reserves and surplus of subsidiary	0	0	0	0
Total assets of subsidiary	0.01	0.01	0	0
Total liabilities of subsidiary	0.01	0.01	0	0
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	0	0	0	0
Profit before tax of subsidiary	0	0	0	0
Provision for tax of subsidiary	0	0	0	0
Profit after tax of subsidiary	0	0	0	0
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Corus Property	Corus Property	Corus UK Healthcare Trustee Limited	Corus UK Healthcare Trustee Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	United Kingdom	United Kingdom

Disclosure of details of subsidiaries [Table]

..(25)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 53		Subsidiary 54	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Crucible Insurance Company Limited	Crucible Insurance Company Limited	Degels GmbH	Degels GmbH
Country of incorporation or residence of subsidiary	Isle of Man	Isle of Man	Germany	Germany
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	GBP	GBP	EUR	EUR
Exchange rate as applicable for subsidiary	101.68	99.51	89.29	84.11
Share capital of subsidiary	5.08	4.98	0.71	0.67
Reserves and surplus of subsidiary	293.67	281.55	26.2	23.04
Total assets of subsidiary	316.57	338.08	50.26	48.26
Total liabilities of subsidiary	17.82	51.55	23.35	24.55
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	0	0	0	0
Profit before tax of subsidiary	5.97	2.02	-1.95	-0.43
Provision for tax of subsidiary	0	0	-1.14	-2.2
Profit after tax of subsidiary	5.97	2.02	-0.81	1.77
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Crucible Insurance Company Limited	Crucible Insurance Company Limited	Degels GmbH	Degels GmbH
Country of incorporation or residence of subsidiary	Isle of Man	Isle of Man	Germany	Germany

Disclosure of details of subsidiaries [Table]

..(26)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 55		Subsidiary 56	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Demka B.V.	Demka B.V.	(A) 00026466 Limited	(B) 00026466 Limited
Country of incorporation or residence of subsidiary	Netherlands	Netherlands	United Kingdom	United Kingdom
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	EUR	EUR	GBP	GBP
Exchange rate as applicable for subsidiary	89.29	84.11	101.68	99.51
Share capital of subsidiary	54.94	51.75	182.28	62.69
Reserves and surplus of subsidiary	23.47	21.88	-182.28	-61.74
Total assets of subsidiary	78.5	73.63	0	0.95
Total liabilities of subsidiary	0.09	0	0	0
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	0	0	0	0
Profit before tax of subsidiary	0.33	-0.03	-0.97	0
Provision for tax of subsidiary	0.09	-0.01	0	0
Profit after tax of subsidiary	0.24	-0.02	-0.97	0
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Demka B.V.	Demka B.V.	(A) 00026466 Limited	(B) 00026466 Limited
Country of incorporation or residence of subsidiary	Netherlands	Netherlands	United Kingdom	United Kingdom

Footnotes

(A) Formerly known as Firsteel Group Limited

(B) Formerly known as Firsteel Group Limited

Disclosure of details of subsidiaries [Table]

..(27)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 57		Subsidiary 58	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Fischer Profit GmbH	Fischer Profit GmbH	Gamble Simms Metals Limited	Gamble Simms Metals Limited
Country of incorporation or residence of subsidiary	Germany	Germany	Ireland	Ireland
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	EUR	EUR	EUR	EUR
Exchange rate as applicable for subsidiary	89.29	84.11	89.29	84.11
Share capital of subsidiary	91.31	86.01	5.67	5.34
Reserves and surplus of subsidiary	13.26	-19.64	-5.67	-5.34
Total assets of subsidiary	443.7	532.35	0	0
Total liabilities of subsidiary	339.13	465.98	0	0
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	1,308.98	1,242.85	0	0
Profit before tax of subsidiary	20.98	18.29	0	0
Provision for tax of subsidiary	8.6	4.24	0	0
Profit after tax of subsidiary	12.38	14.05	0	0
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Fischer Profit GmbH	Fischer Profit GmbH	Gamble Simms Metals Limited	Gamble Simms Metals Limited
Country of incorporation or residence of subsidiary	Germany	Germany	Ireland	Ireland

Disclosure of details of subsidiaries [Table]

..(28)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 59		Subsidiary 60	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	H E Samson Limited	H E Samson Limited	Hadfields Holdings Limited	Hadfields Holdings Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	United Kingdom	United Kingdom
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	62.50%	62.50%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	GBP	GBP	GBP	GBP
Exchange rate as applicable for subsidiary	101.68	99.51	101.68	99.51
Share capital of subsidiary	0	0	1.02	1
Reserves and surplus of subsidiary	0	0	-13.73	-13.44
Total assets of subsidiary	0	0	0	0
Total liabilities of subsidiary	0	0	12.71	12.44
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	0	0	0	0
Profit before tax of subsidiary	0	0	0	0
Provision for tax of subsidiary	0	0	0	0
Profit after tax of subsidiary	0	0	0	0
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	H E Samson Limited	H E Samson Limited	Hadfields Holdings Limited	Hadfields Holdings Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	United Kingdom	United Kingdom

Disclosure of details of subsidiaries [Table]

..(29)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 61		Subsidiary 62	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Halmstad Steel Service Centre AB	Halmstad Steel Service Centre AB	Hille & Muller GmbH	Hille & Muller GmbH
Country of incorporation or residence of subsidiary	Sweden	Sweden	Germany	Germany
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	SEK	SEK	EUR	EUR
Exchange rate as applicable for subsidiary	7.94	8.12	89.29	84.11
Share capital of subsidiary	0.04	0.04	45.7	43.05
Reserves and surplus of subsidiary	161.81	161.08	207.79	163.01
Total assets of subsidiary	426.96	458.14	682.17	577.57
Total liabilities of subsidiary	265.11	297.02	428.68	371.51
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	1,226.27	828.14	1,028.82	872.61
Profit before tax of subsidiary	5.51	90.37	5.84	22.41
Provision for tax of subsidiary	1.18	21.4	-1.13	0.3
Profit after tax of subsidiary	4.33	68.97	6.97	22.11
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Halmstad Steel Service Centre AB	Halmstad Steel Service Centre AB	Hille & Muller GmbH	Hille & Muller GmbH
Country of incorporation or residence of subsidiary	Sweden	Sweden	Germany	Germany

Disclosure of details of subsidiaries [Table]

..(30)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 63		Subsidiary 64	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Hille & Muller USA Inc.	Hille & Muller USA Inc.	Hoogovens USA Inc.	Hoogovens USA Inc.
Country of incorporation or residence of subsidiary	United States of America	United States of America	United States of America	United States of America
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	USD	USD	USD	USD
Exchange rate as applicable for subsidiary	82.17	75.78	82.17	75.78
Share capital of subsidiary	0.03	0.03	499.99	461.09
Reserves and surplus of subsidiary	122.71	108.8	370.96	131.93
Total assets of subsidiary	144.76	125.76	980.54	694.09
Total liabilities of subsidiary	22.02	16.93	109.59	101.07
Investment of subsidiary	96.74	89.22	528.75	487.61
Turnover of subsidiary	33	24.54	0	0
Profit before tax of subsidiary	4.94	5.14	234.27	-0.28
Provision for tax of subsidiary	0.21	-0.29	6.36	-0.11
Profit after tax of subsidiary	4.73	5.43	227.91	-0.17
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Hille & Muller USA Inc.	Hille & Muller USA Inc.	Hoogovens USA Inc.	Hoogovens USA Inc.
Country of incorporation or residence of subsidiary	United States of America	United States of America	United States of America	United States of America

Disclosure of details of subsidiaries [Table]

..(31)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 65		Subsidiary 66	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Huizenbezit "Breesaap" B.V.	Huizenbezit "Breesaap" B.V.	Inter Metal Distribution SAS	Inter Metal Distribution SAS
Country of incorporation or residence of subsidiary	Netherlands	Netherlands	France	France
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	EUR	EUR	EUR	EUR
Exchange rate as applicable for subsidiary	89.29	84.11	89.29	84.11
Share capital of subsidiary	0.41	0.38	0	0.64
Reserves and surplus of subsidiary	-9.57	-9.09	0	50.96
Total assets of subsidiary	0.26	0.26	0	163.89
Total liabilities of subsidiary	9.42	8.97	0	112.29
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	0	0	458.94	725.81
Profit before tax of subsidiary	0.11	0.11	24.76	13.82
Provision for tax of subsidiary	0.03	0.03	0	3.57
Profit after tax of subsidiary	0.08	0.08	24.76	10.25
Proposed dividend of subsidiary	0	0	0	8.41
Name of subsidiary	Huizenbezit "Breesaap" B.V.	Huizenbezit "Breesaap" B.V.	Inter Metal Distribution SAS	Inter Metal Distribution SAS
Country of incorporation or residence of subsidiary	Netherlands	Netherlands	France	France

Disclosure of details of subsidiaries [Table]

..(32)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 67		Subsidiary 68	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Layde Steel S.L.	Layde Steel S.L.	London Works Steel Company Limited	London Works Steel Company Limited
Country of incorporation or residence of subsidiary	Spain	Spain	United Kingdom	United Kingdom
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	EUR	EUR	GBP	GBP
Exchange rate as applicable for subsidiary	89.29	84.11	101.68	99.51
Share capital of subsidiary	44.64	42.05	0	0
Reserves and surplus of subsidiary	75.02	117.55	-104.79	-102.55
Total assets of subsidiary	672.38	796.74	56.94	55.72
Total liabilities of subsidiary	552.72	637.14	161.73	158.27
Investment of subsidiary	0.11	0	0	0
Turnover of subsidiary	2,023.96	1,606.32	0	0
Profit before tax of subsidiary	-49.99	49.93	0	0
Provision for tax of subsidiary	-0.22	5.86	0	0
Profit after tax of subsidiary	-49.77	44.07	0	0
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Layde Steel S.L.	Layde Steel S.L.	London Works Steel Company Limited	London Works Steel Company Limited
Country of incorporation or residence of subsidiary	Spain	Spain	United Kingdom	United Kingdom

Disclosure of details of subsidiaries [Table]

..(33)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 69		Subsidiary 70	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Montana Bausysteme AG	Montana Bausysteme AG	Naantali Steel Service Centre OY	Naantali Steel Service Centre OY
Country of incorporation or residence of subsidiary	Switzerland	Switzerland	Finland	Finland
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	CHF	CHF	EUR	EUR
Exchange rate as applicable for subsidiary	89.93	82.4	89.29	84.11
Share capital of subsidiary	35.97	32.96	0.02	0.02
Reserves and surplus of subsidiary	155.87	98.13	38.66	77.34
Total assets of subsidiary	354.29	283.65	199.07	311.77
Total liabilities of subsidiary	162.45	152.56	160.39	234.41
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	723.63	606.31	598.18	563.51
Profit before tax of subsidiary	53.77	61.6	-43.42	53.11
Provision for tax of subsidiary	3.33	17.42	0.03	3.17
Profit after tax of subsidiary	50.44	44.18	-43.45	49.94
Proposed dividend of subsidiary	12.59	23.48	0	0
Name of subsidiary	Montana Bausysteme AG	Montana Bausysteme AG	Naantali Steel Service Centre OY	Naantali Steel Service Centre OY
Country of incorporation or residence of subsidiary	Switzerland	Switzerland	Finland	Finland

Disclosure of details of subsidiaries [Table]

..(34)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 71		Subsidiary 72	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Norsk Stal Tynnplater AS	Norsk Stal Tynnplater AS	Norsk Stal Tynnplater AB	Norsk Stal Tynnplater AB
Country of incorporation or residence of subsidiary	Norway	Norway	Sweden	Sweden
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	NOK	NOK	NOK	NOK
Exchange rate as applicable for subsidiary	7.86	8.66	7.86	8.66
Share capital of subsidiary	10.45	22.96	0.39	0.42
Reserves and surplus of subsidiary	45.45	16.85	28.55	25.05
Total assets of subsidiary	77.13	142.4	36.95	64.88
Total liabilities of subsidiary	21.23	102.59	8.01	39.41
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	103.22	375.29	432.87	317.01
Profit before tax of subsidiary	17.49	1.89	3.07	3.45
Provision for tax of subsidiary	4.04	-3.45	0.47	0
Profit after tax of subsidiary	13.45	5.34	2.6	3.45
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Norsk Stal Tynnplater AS	Norsk Stal Tynnplater AS	Norsk Stal Tynnplater AB	Norsk Stal Tynnplater AB
Country of incorporation or residence of subsidiary	Norway	Norway	Sweden	Sweden

Disclosure of details of subsidiaries [Table]

..(35)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 73	Subsidiary 74		Subsidiary 75
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Orb Electrical Steels Limited	Oremco Inc.	Oremco Inc.	Rafferty-Brown Steel Co Inc Of Conn.
Country of incorporation or residence of subsidiary	United Kingdom	United States of America	United States of America	United States of America
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	GBP	USD	USD	USD
Exchange rate as applicable for subsidiary	99.51	82.17	75.78	82.17
Share capital of subsidiary	0	0	0	26.02
Reserves and surplus of subsidiary	0	0	0	-1.92
Total assets of subsidiary	0	0	0	24.1
Total liabilities of subsidiary	0	0	0	0
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	0	0	0	0
Profit before tax of subsidiary	0	0	0	-2.34
Provision for tax of subsidiary	0	0	0	-0.41
Profit after tax of subsidiary	0	0	0	-1.93
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Orb Electrical Steels Limited	Oremco Inc.	Oremco Inc.	Rafferty-Brown Steel Co Inc Of Conn.
Country of incorporation or residence of subsidiary	United Kingdom	United States of America	United States of America	United States of America

Disclosure of details of subsidiaries [Table]

..(36)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 75	Subsidiary 76		Subsidiary 77
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Rafferty-Brown Steel Co Inc Of Conn.	S A B Profil B.V.	S A B Profil B.V.	S A B Profil GmbH
Country of incorporation or residence of subsidiary	United States of America	Netherlands	Netherlands	Germany
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	USD	EUR	EUR	EUR
Exchange rate as applicable for subsidiary	75.78	89.29	84.11	89.29
Share capital of subsidiary	24	1.21	1.14	0.27
Reserves and surplus of subsidiary	0	286.78	386.97	149.6
Total assets of subsidiary	24	701.75	810.35	266.04
Total liabilities of subsidiary	0	413.76	422.24	116.17
Investment of subsidiary	0	0	138.03	0
Turnover of subsidiary	0	1,267.3	1,071.89	503.5
Profit before tax of subsidiary	-2.38	243.79	90.92	73.51
Provision for tax of subsidiary	-0.17	3.51	17.13	
Profit after tax of subsidiary	-2.21	240.28	73.79	73.51
Proposed dividend of subsidiary	0	364.3	0	72.26
Name of subsidiary	Rafferty-Brown Steel Co Inc Of Conn.	S A B Profil B.V.	S A B Profil B.V.	S A B Profil GmbH
Country of incorporation or residence of subsidiary	United States of America	Netherlands	Netherlands	Germany

Disclosure of details of subsidiaries [Table]

..(37)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 77	Subsidiary 78		Subsidiary 79
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	S A B Profil GmbH	Service Centre Gelsenkirchen GmbH	Service Centre Gelsenkirchen GmbH	Service Centre Maastricht B.V.
Country of incorporation or residence of subsidiary	Germany	Germany	Germany	Netherlands
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	EUR	EUR	EUR	EUR
Exchange rate as applicable for subsidiary	84.11	89.29	84.11	89.29
Share capital of subsidiary	0.25	164.38	154.84	0.48
Reserves and surplus of subsidiary	139.75	93.09	44.55	302.79
Total assets of subsidiary	279.95	674.8	739.31	974.05
Total liabilities of subsidiary	139.95	417.33	539.92	670.78
Investment of subsidiary	0	0.5	0.51	0
Turnover of subsidiary	450.94	1,624.63	1,503.16	3,713.84
Profit before tax of subsidiary	-2.48	30.76	2.99	-26.55
Provision for tax of subsidiary	0	-1.5	1.52	-6.86
Profit after tax of subsidiary	-2.48	32.26	1.47	-19.69
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	S A B Profil GmbH	Service Centre Gelsenkirchen GmbH	Service Centre Gelsenkirchen GmbH	Service Centre Maastricht B.V.
Country of incorporation or residence of subsidiary	Germany	Germany	Germany	Netherlands

Disclosure of details of subsidiaries [Table]

..(38)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 79	Subsidiary 80		Subsidiary 81
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Service Centre Maastricht B.V.	Societe Europeenne De Galvanisation (Segal) Sa	Societe Europeenne De Galvanisation (Segal) Sa	Staalverwerking en Handel B.V.
Country of incorporation or residence of subsidiary	Netherlands	Belgium	Belgium	Netherlands
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	EUR	EUR	EUR	EUR
Exchange rate as applicable for subsidiary	84.11	89.29	84.11	89.29
Share capital of subsidiary	0.45	111.61	105.14	0
Reserves and surplus of subsidiary	303.77	32.68	169.7	0
Total assets of subsidiary	1,169.03	346.83	456.69	0
Total liabilities of subsidiary	864.81	202.54	181.85	0
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	3,095.05	842.77	626.41	0
Profit before tax of subsidiary	205.83	29.6	18.97	353.69
Provision for tax of subsidiary	55.08	8.32	6.66	-2.74
Profit after tax of subsidiary	150.75	21.28	12.31	356.43
Proposed dividend of subsidiary	0	168.76	0	0
Name of subsidiary	Service Centre Maastricht B.V.	Societe Europeenne De Galvanisation (Segal) Sa	Societe Europeenne De Galvanisation (Segal) Sa	Staalverwerking en Handel B.V.
Country of incorporation or residence of subsidiary	Netherlands	Belgium	Belgium	Netherlands

Disclosure of details of subsidiaries [Table]

..(39)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 81	Subsidiary 82		Subsidiary 83
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Staalverwerking en Handel B.V.	Surahammar Bruks AB	Surahammar Bruks AB	Swinden Housing Association Limited
Country of incorporation or residence of subsidiary	Netherlands	Sweden	Sweden	United Kingdom
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	EUR	SEK	SEK	GBP
Exchange rate as applicable for subsidiary	84.11	7.94	8.12	101.68
Share capital of subsidiary	378.49	17.15	17.54	0
Reserves and surplus of subsidiary	107.77	37	43.51	13.94
Total assets of subsidiary	1,321.25	367.21	370.19	14.56
Total liabilities of subsidiary	834.99	313.06	309.14	0.62
Investment of subsidiary	1,313.91	0	0	0
Turnover of subsidiary	0	642.25	487.18	0
Profit before tax of subsidiary	-4.25	-15.59	0.52	0.28
Provision for tax of subsidiary	-1.07	-2.07	0.56	0
Profit after tax of subsidiary	-3.18	-13.52	-0.04	0.28
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Staalverwerking en Handel B.V.	Surahammar Bruks AB	Surahammar Bruks AB	Swinden Housing Association Limited
Country of incorporation or residence of subsidiary	Netherlands	Sweden	Sweden	United Kingdom

Disclosure of details of subsidiaries [Table]

..(40)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 83	Subsidiary 84		Subsidiary 85
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Swinden Housing Association Limited	Tata Steel Belgium Packaging Steels N.V.	Tata Steel Belgium Packaging Steels N.V.	Tata Steel Belgium Services N.V.
Country of incorporation or residence of subsidiary	United Kingdom	Belgium	Belgium	Belgium
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	GBP	EUR	EUR	EUR
Exchange rate as applicable for subsidiary	99.51	89.29	84.11	89.29
Share capital of subsidiary	0	137.81	129.81	150.42
Reserves and surplus of subsidiary	13.64	31.03	38.82	94.1
Total assets of subsidiary	14.25	197.82	201.84	409.04
Total liabilities of subsidiary	0.61	28.98	33.21	164.52
Investment of subsidiary	0	0.7	0.66	0
Turnover of subsidiary	0	120.79	118.56	0
Profit before tax of subsidiary	0.27	10.34	9.54	4.78
Provision for tax of subsidiary	0	2.61	2.32	1.16
Profit after tax of subsidiary	0.27	7.73	7.22	3.62
Proposed dividend of subsidiary	0	17.92	0	0
Name of subsidiary	Swinden Housing Association Limited	Tata Steel Belgium Packaging Steels N.V.	Tata Steel Belgium Packaging Steels N.V.	Tata Steel Belgium Services N.V.
Country of incorporation or residence of subsidiary	United Kingdom	Belgium	Belgium	Belgium

Disclosure of details of subsidiaries [Table]

..(41)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 85	Subsidiary 86		Subsidiary 87
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel Belgium Services N.V.	Tata Steel France Batiment et Systemes SAS	Tata Steel France Batiment et Systemes SAS	Tata Steel France Holdings SAS
Country of incorporation or residence of subsidiary	Belgium	France	France	France
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	EUR	EUR	EUR	EUR
Exchange rate as applicable for subsidiary	84.11	89.29	84.11	89.29
Share capital of subsidiary	141.69	0	158.49	44.64
Reserves and surplus of subsidiary	85.23	0	-16.82	830.26
Total assets of subsidiary	750.21	0	313.66	1,567.32
Total liabilities of subsidiary	523.29	0	171.99	692.42
Investment of subsidiary	30.23	0	0.03	1,021.29
Turnover of subsidiary	0	0	639.73	0
Profit before tax of subsidiary	0.91	0	-36.17	19.41
Provision for tax of subsidiary	0.37	0	0	-3.55
Profit after tax of subsidiary	0.54	0	-36.17	22.96
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Tata Steel Belgium Services N.V.	Tata Steel France Batiment et Systemes SAS	Tata Steel France Batiment et Systemes SAS	Tata Steel France Holdings SAS
Country of incorporation or residence of subsidiary	Belgium	France	France	France

Disclosure of details of subsidiaries [Table]

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Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 87	Subsidiary 88		Subsidiary 89
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel France Holdings SAS	Tata Steel Germany GmbH	Tata Steel Germany GmbH	Tata Steel IJmuiden BV
Country of incorporation or residence of subsidiary	France	Germany	Germany	Netherlands
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	EUR	EUR	EUR	EUR
Exchange rate as applicable for subsidiary	84.11	89.29	84.11	89.29
Share capital of subsidiary	42.05	1,448.81	1,364.75	1,004.5
Reserves and surplus of subsidiary	758.32	-569.43	-628.97	28,913.1
Total assets of subsidiary	1,526.48	1,712.68	1,556.72	46,742.71
Total liabilities of subsidiary	726.11	833.3	820.94	16,825.11
Investment of subsidiary	1,011.66	886.67	835.23	417.38
Turnover of subsidiary	0	0	0	54,657.42
Profit before tax of subsidiary	-585.13	106.07	322.72	3,710.81
Provision for tax of subsidiary	-10.32	17.75	43.99	874.91
Profit after tax of subsidiary	-574.81	88.32	278.73	2,835.9
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Tata Steel France Holdings SAS	Tata Steel Germany GmbH	Tata Steel Germany GmbH	Tata Steel IJmuiden BV
Country of incorporation or residence of subsidiary	France	Germany	Germany	Netherlands

Disclosure of details of subsidiaries [Table]

..(43)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 89	Subsidiary 90		Subsidiary 91
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel IJmuiden BV	Tata Steel International (Americas) Holdings Inc	Tata Steel International (Americas) Holdings Inc	Tata Steel International (Americas) Inc
Country of incorporation or residence of subsidiary	Netherlands	United States of America	United States of America	United States of America
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	EUR	USD	USD	USD
Exchange rate as applicable for subsidiary	84.11	82.17	75.78	82.17
Share capital of subsidiary	946.22	4,822.6	4,447.43	73.15
Reserves and surplus of subsidiary	24,991.31	-5,437.29	-4,982.9	1,267.4
Total assets of subsidiary	44,859.05	-614.69	-535.47	1,397.44
Total liabilities of subsidiary	18,921.52	0	0	56.89
Investment of subsidiary	498.54	362.58	334.37	0
Turnover of subsidiary	49,982.5	0	0	829.23
Profit before tax of subsidiary	7,041.1	5.64	-1.48	147.99
Provision for tax of subsidiary	1,740.48	39.69	-72.41	10.27
Profit after tax of subsidiary	5,300.62	-34.05	70.93	137.72
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Tata Steel IJmuiden BV	Tata Steel International (Americas) Holdings Inc	Tata Steel International (Americas) Holdings Inc	Tata Steel International (Americas) Inc
Country of incorporation or residence of subsidiary	Netherlands	United States of America	United States of America	United States of America

Disclosure of details of subsidiaries [Table]

..(44)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 91	Subsidiary 92		Subsidiary 93
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel International (Americas) Inc	Tata Steel International (Czech Republic) S.R.O	Tata Steel International (Czech Republic) S.R.O	Tata Steel International (France) SAS
Country of incorporation or residence of subsidiary	United States of America	Czech Republic	Czech Republic	France
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	USD	CZK	CZK	EUR
Exchange rate as applicable for subsidiary	75.78	3.8	3.45	89.29
Share capital of subsidiary	67.46	0.46	0.41	1.79
Reserves and surplus of subsidiary	1,041.8	17.64	18.34	30.74
Total assets of subsidiary	1,474.45	18.76	21.37	38.95
Total liabilities of subsidiary	365.19	0.66	2.62	6.42
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	694.68	0	0	0
Profit before tax of subsidiary	131.16	13.05	18.05	10.45
Provision for tax of subsidiary	1.34	2.34	3.52	2.08
Profit after tax of subsidiary	129.82	10.71	14.53	8.37
Proposed dividend of subsidiary	0	13.32	11.72	38.39
Name of subsidiary	Tata Steel International (Americas) Inc	Tata Steel International (Czech Republic) S.R.O	Tata Steel International (Czech Republic) S.R.O	Tata Steel International (France) SAS
Country of incorporation or residence of subsidiary	United States of America	Czech Republic	Czech Republic	France

Disclosure of details of subsidiaries [Table]

..(45)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 93	Subsidiary 94		Subsidiary 95
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel International (France) SAS	Tata Steel International (Germany) GmbH	Tata Steel International (Germany) GmbH	Tata Steel International (South America) Representacoes LTDA
Country of incorporation or residence of subsidiary	France	Germany	Germany	Brazil
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	EUR	EUR	EUR	USD
Exchange rate as applicable for subsidiary	84.11	89.29	84.11	82.17
Share capital of subsidiary	1.68	7.77	7.32	1.77
Reserves and surplus of subsidiary	57.25	5.66	2.84	1.01
Total assets of subsidiary	66.94	82.74	92.05	2.8
Total liabilities of subsidiary	8.01	69.31	81.89	0.02
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	0	0	0	0
Profit before tax of subsidiary	7.69	-0.27	-2	0.33
Provision for tax of subsidiary	2.06	-0.11	-0.59	0.07
Profit after tax of subsidiary	5.63	-0.16	-1.41	0.26
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Tata Steel International (France) SAS	Tata Steel International (Germany) GmbH	Tata Steel International (Germany) GmbH	Tata Steel International (South America) Representacoes LTDA
Country of incorporation or residence of subsidiary	France	Germany	Germany	Brazil

Disclosure of details of subsidiaries [Table]

..(46)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 95	Subsidiary 96		Subsidiary 97
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel International (South America) Representacoes LTDA	Tata Steel International (Italia) SRL	Tata Steel International (Italia) SRL	Tata Steel International (Middle East) FZE
Country of incorporation or residence of subsidiary	Brazil	Italy	Italy	United Arab Emirates
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	USD	EUR	EUR	AED
Exchange rate as applicable for subsidiary	75.78	89.29	84.11	22.36
Share capital of subsidiary	1.63	67.41	63.5	100.61
Reserves and surplus of subsidiary	0.7	-24.02	-31.6	26.62
Total assets of subsidiary	2.66	48.77	40.66	161.6
Total liabilities of subsidiary	0.33	5.38	8.76	34.37
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	0	0	0	64.55
Profit before tax of subsidiary	0.3	25.59	19.97	0.21
Provision for tax of subsidiary	0.01	7.13	5.54	0
Profit after tax of subsidiary	0.29	18.46	14.43	0.21
Proposed dividend of subsidiary	0	8.93	7.57	0
Name of subsidiary	Tata Steel International (South America) Representacoes LTDA	Tata Steel International (Italia) SRL	Tata Steel International (Italia) SRL	Tata Steel International (Middle East) FZE
Country of incorporation or residence of subsidiary	Brazil	Italy	Italy	United Arab Emirates

Disclosure of details of subsidiaries [Table]

..(47)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 97	Subsidiary 98		Subsidiary 99
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel International (Middle East) FZE	Tata Steel International Limited	Tata Steel International Limited	Tata Steel International (Poland) sp Zoo
Country of incorporation or residence of subsidiary	United Arab Emirates	Nigeria	Nigeria	Poland
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	AED	NGN	NGN	PLN
Exchange rate as applicable for subsidiary	20.67	0.18	0.18	19.08
Share capital of subsidiary	93	0	0	7.26
Reserves and surplus of subsidiary	24.41	0	0	18.46
Total assets of subsidiary	139.15	0	0	27.4
Total liabilities of subsidiary	21.74	0	0	1.68
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	45.57	0	0	0
Profit before tax of subsidiary	16.3	0	0	8.65
Provision for tax of subsidiary	0	0	0	0.94
Profit after tax of subsidiary	16.3	0	0	7.71
Proposed dividend of subsidiary	0	0	0	2.58
Name of subsidiary	Tata Steel International (Middle East) FZE	Tata Steel International Limited	Tata Steel International Limited	Tata Steel International (Poland) sp Zoo
Country of incorporation or residence of subsidiary	United Arab Emirates	Nigeria	Nigeria	Poland

Disclosure of details of subsidiaries [Table]

..(48)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 99	Subsidiary 100		Subsidiary 101
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel International (Poland) sp Zoo	Tata Steel International (Sweden) AB	Tata Steel International (Sweden) AB	TATA STEEL INTERNATIONAL (INDIA) LIMITED
Country of incorporation or residence of subsidiary	Poland	Sweden	Sweden	INDIA
CIN of subsidiary company				U74900MH2005PLC151710
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	In the process of filing the Balance Sheet and Profit and Loss account.
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	PLN	SEK	SEK	INR
Exchange rate as applicable for subsidiary	18.13	7.94	8.12	1
Share capital of subsidiary	15.97	0.08	0.08	5.08
Reserves and surplus of subsidiary	12.66	58.74	53.44	16.97
Total assets of subsidiary	29.79	63.45	62.24	25.71
Total liabilities of subsidiary	1.16	4.63	8.72	3.66
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	0	0	0	0
Profit before tax of subsidiary	12.87	43.19	52.61	0.57
Provision for tax of subsidiary	1.04	8.91	10.85	1.6
Profit after tax of subsidiary	11.83	34.28	41.76	-1.03
Proposed dividend of subsidiary	0	27.78	48.72	0
Name of subsidiary	Tata Steel International (Poland) sp Zoo	Tata Steel International (Sweden) AB	Tata Steel International (Sweden) AB	TATA STEEL INTERNATIONAL (INDIA) LIMITED
Country of incorporation or residence of subsidiary	Poland	Sweden	Sweden	INDIA
CIN of subsidiary company				U74900MH2005PLC151710

Disclosure of details of subsidiaries [Table]

..(49)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 101	Subsidiary 102		Subsidiary 103
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	TATA STEEL INTERNATIONAL (INDIA) LIMITED	Tata Steel International Iberica SA	Tata Steel International Iberica SA	Tata Steel Istanbul Metal Sanayi ve Ticaret AS
Country of incorporation or residence of subsidiary	INDIA	Spain	Spain	Turkey
CIN of subsidiary company	U74900MH2005PLC151710			
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	In the process of filing the Balance Sheet and Profit and Loss account.	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	INR	EUR	EUR	USD
Exchange rate as applicable for subsidiary	1	89.29	84.11	82.17
Share capital of subsidiary	6.39	1.34	1.26	203.2
Reserves and surplus of subsidiary	24.39	78.05	41.2	-147.73
Total assets of subsidiary	31.5	89.04	54.6	222.16
Total liabilities of subsidiary	0.72	9.65	12.14	166.69
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	0	0	0	691.06
Profit before tax of subsidiary	0.31	45.61	52.59	1.64
Provision for tax of subsidiary	0.46	11.3	13.21	0
Profit after tax of subsidiary	-0.15	34.31	39.38	1.64
Proposed dividend of subsidiary	1.73	0	28.89	0
Name of subsidiary	TATA STEEL INTERNATIONAL (INDIA) LIMITED	Tata Steel International Iberica SA	Tata Steel International Iberica SA	Tata Steel Istanbul Metal Sanayi ve Ticaret AS
Country of incorporation or residence of subsidiary	INDIA	Spain	Spain	Turkey
CIN of subsidiary company	U74900MH2005PLC151710			

Disclosure of details of subsidiaries [Table]

..(50)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 103	Subsidiary 104		Subsidiary 105
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel Istanbul Metal Sanayi ve Ticaret AS	Tata Steel Mexico SA de CV	Tata Steel Mexico SA de CV	Tata Steel Maubeuge SAS
Country of incorporation or residence of subsidiary	Turkey	Mexico	Mexico	France
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	USD	USD	USD	EUR
Exchange rate as applicable for subsidiary	75.78	82.17	75.78	89.29
Share capital of subsidiary	187.39	0.03	0.03	66.97
Reserves and surplus of subsidiary	-137.75	1.6	1.36	457.6
Total assets of subsidiary	301.51	2.01	1.49	1,671.27
Total liabilities of subsidiary	251.87	0.38	0.1	1,146.7
Investment of subsidiary	0	0	0	13.08
Turnover of subsidiary	734.4	0	0	4,427.84
Profit before tax of subsidiary	2.41	0.27	0.28	-55.95
Provision for tax of subsidiary	0.8	0.14	0.09	-1.38
Profit after tax of subsidiary	1.61	0.13	0.19	-54.57
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Tata Steel Istanbul Metal Sanayi ve Ticaret AS	Tata Steel Mexico SA de CV	Tata Steel Mexico SA de CV	Tata Steel Maubeuge SAS
Country of incorporation or residence of subsidiary	Turkey	Mexico	Mexico	France

Disclosure of details of subsidiaries [Table]

..(51)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 105	Subsidiary 106		Subsidiary 107
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel Maubeuge SAS	Tata Steel Nederland BV	Tata Steel Nederland BV	Tata Steel Nederland Consulting & Technical Services BV
Country of incorporation or residence of subsidiary	France	Netherlands	Netherlands	Netherlands
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	EUR	EUR	EUR	EUR
Exchange rate as applicable for subsidiary	84.11	89.29	84.11	89.29
Share capital of subsidiary	63.08	3,460.89	3,260.09	80.36
Reserves and surplus of subsidiary	425.5	9,666.28	10,126.11	-53.69
Total assets of subsidiary	1,874.96	22,813.8	20,380.52	33.79
Total liabilities of subsidiary	1,386.38	9,686.63	6,994.32	7.12
Investment of subsidiary	12.88	14,821.07	14,109.51	0
Turnover of subsidiary	4,730.41	0	0	0
Profit before tax of subsidiary	310.68	-56.93	-39.53	0.05
Provision for tax of subsidiary	46.8	-17.39	-16.35	0.01
Profit after tax of subsidiary	263.88	-39.54	-23.18	0.04
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Tata Steel Maubeuge SAS	Tata Steel Nederland BV	Tata Steel Nederland BV	Tata Steel Nederland Consulting & Technical Services BV
Country of incorporation or residence of subsidiary	France	Netherlands	Netherlands	Netherlands

Disclosure of details of subsidiaries [Table]

..(52)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 107	Subsidiary 108		Subsidiary 109
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel Nederland Consulting & Technical Services BV	Tata Steel Nederland Services BV	Tata Steel Nederland Services BV	Tata Steel Nederland Technology BV
Country of incorporation or residence of subsidiary	Netherlands	Netherlands	Netherlands	Netherlands
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	EUR	EUR	EUR	EUR
Exchange rate as applicable for subsidiary	84.11	89.29	84.11	89.29
Share capital of subsidiary	75.7	3.8	3.58	0
Reserves and surplus of subsidiary	-50.61	-109.78	-84.75	708.24
Total assets of subsidiary	31.86	303	360.79	966.79
Total liabilities of subsidiary	6.77	408.98	441.96	258.55
Investment of subsidiary	0	0	0	14.89
Turnover of subsidiary	0	0	0	0
Profit before tax of subsidiary	-0.23	-26.33	-152.53	-0.09
Provision for tax of subsidiary	-0.06	-6.53	-38.29	-10
Profit after tax of subsidiary	-0.17	-19.8	-114.24	9.91
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Tata Steel Nederland Consulting & Technical Services BV	Tata Steel Nederland Services BV	Tata Steel Nederland Services BV	Tata Steel Nederland Technology BV
Country of incorporation or residence of subsidiary	Netherlands	Netherlands	Netherlands	Netherlands

Disclosure of details of subsidiaries [Table]

..(53)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 109	Subsidiary 110		Subsidiary 111
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel Nederland Technology BV	Tata Steel Nederland Tubes BV	Tata Steel Nederland Tubes BV	Tata Steel Netherlands Holdings B.V.
Country of incorporation or residence of subsidiary	Netherlands	Netherlands	Netherlands	Netherlands
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	EUR	EUR	EUR	EUR
Exchange rate as applicable for subsidiary	84.11	89.29	84.11	89.29
Share capital of subsidiary	-2.82	1,125.04	1,059.76	47,680.21
Reserves and surplus of subsidiary	660.63	-1,059.07	-868.93	-9,555.5
Total assets of subsidiary	868.16	756.27	859.77	54,398.26
Total liabilities of subsidiary	210.35	690.3	668.94	16,273.55
Investment of subsidiary	14.02	0	0	52,189.09
Turnover of subsidiary	0	2,444.47	2,337.83	0
Profit before tax of subsidiary	17.79	-184.9	39.64	-650.67
Provision for tax of subsidiary	-5.65	-48.28	8.83	-169.05
Profit after tax of subsidiary	23.44	-136.62	30.81	-481.62
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Tata Steel Nederland Technology BV	Tata Steel Nederland Tubes BV	Tata Steel Nederland Tubes BV	Tata Steel Netherlands Holdings B.V.
Country of incorporation or residence of subsidiary	Netherlands	Netherlands	Netherlands	Netherlands

Disclosure of details of subsidiaries [Table]

..(54)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 111	Subsidiary 112		Subsidiary 113
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel Netherlands Holdings B.V.	Tata Steel Norway Byggsystemer A/S	Tata Steel Norway Byggsystemer A/S	Tata Steel UK Consulting Limited
Country of incorporation or residence of subsidiary	Netherlands	Norway	Norway	United Kingdom
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	EUR	NOK	NOK	GBP
Exchange rate as applicable for subsidiary	84.11	7.86	8.66	101.68
Share capital of subsidiary	44,913.87	0.96	1.06	17.64
Reserves and surplus of subsidiary	-8,547.42	113.55	106.11	-24.15
Total assets of subsidiary	50,244.87	199.43	210.47	0
Total liabilities of subsidiary	13,878.42	84.92	103.3	6.51
Investment of subsidiary	49,161.15	0	0	0
Turnover of subsidiary	0	322.71	333.48	0
Profit before tax of subsidiary	-1,287.38	22.53	48.23	0.06
Provision for tax of subsidiary	-1,680.08	5.26	10.85	0
Profit after tax of subsidiary	392.7	17.27	37.38	0.06
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Tata Steel Netherlands Holdings B.V.	Tata Steel Norway Byggsystemer A/S	Tata Steel Norway Byggsystemer A/S	Tata Steel UK Consulting Limited
Country of incorporation or residence of subsidiary	Netherlands	Norway	Norway	United Kingdom

Disclosure of details of subsidiaries [Table]

..(55)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 113	Subsidiary 114		Subsidiary 115
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel UK Consulting Limited	Tata Steel UK Holdings Limited	Tata Steel UK Holdings Limited	Tata Steel UK Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	United Kingdom	United Kingdom
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	GBP	GBP	GBP	GBP
Exchange rate as applicable for subsidiary	99.51	101.68	99.51	101.68
Share capital of subsidiary	17.26	1,16,298.96	1,13,803.64	22,793.39
Reserves and surplus of subsidiary	-23.69	-67,065.84	-65,632.69	-18,747.38
Total assets of subsidiary	0	49,233.12	48,180.67	25,465.4
Total liabilities of subsidiary	6.43	0	9.72	21,419.39
Investment of subsidiary	0	49,233.12	48,180.68	2,656.21
Turnover of subsidiary	0	0	0	31,794.1
Profit before tax of subsidiary	0	0.51	-39.23	-2,695.32
Provision for tax of subsidiary	0	0	0	4,019.92
Profit after tax of subsidiary	0	0.51	-39.23	-6,715.24
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Tata Steel UK Consulting Limited	Tata Steel UK Holdings Limited	Tata Steel UK Holdings Limited	Tata Steel UK Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	United Kingdom	United Kingdom

Disclosure of details of subsidiaries [Table]

..(56)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 115	Subsidiary 116		Subsidiary 117
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel UK Limited	Tata Steel USA Inc.	Tata Steel USA Inc.	The Newport And South Wales Tube Company Limited
Country of incorporation or residence of subsidiary	United Kingdom	United States of America	United States of America	United Kingdom
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	GBP	USD	USD	GBP
Exchange rate as applicable for subsidiary	99.51	82.17	75.78	101.68
Share capital of subsidiary	22,306.14	1.15	1.06	0
Reserves and surplus of subsidiary	-172.82	64.97	60.26	5.75
Total assets of subsidiary	40,179.27	76.65	71.03	5.75
Total liabilities of subsidiary	18,045.95	10.53	9.71	0
Investment of subsidiary	2,580.72	6.07	5.59	0
Turnover of subsidiary	31,085.22	0	0	0
Profit before tax of subsidiary	670.46	-0.08	0	0
Provision for tax of subsidiary	-1,250.31	0.3	0.48	0
Profit after tax of subsidiary	1,920.77	-0.38	-0.48	0
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Tata Steel UK Limited	Tata Steel USA Inc.	Tata Steel USA Inc.	The Newport And South Wales Tube Company Limited
Country of incorporation or residence of subsidiary	United Kingdom	United States of America	United States of America	United Kingdom

Disclosure of details of subsidiaries [Table]

..(57)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 117	Subsidiary 118		Subsidiary 119
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	The Newport And South Wales Tube Company Limited	Thomas Processing Company	Thomas Processing Company	Thomas Steel Strip Corp.
Country of incorporation or residence of subsidiary	United Kingdom	United States of America	United States of America	United States of America
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	GBP	USD	USD	USD
Exchange rate as applicable for subsidiary	99.51	82.17	75.78	82.17
Share capital of subsidiary	0.01	0	0	65.74
Reserves and surplus of subsidiary	0.34	157.77	160.03	-122.91
Total assets of subsidiary	5.63	195.88	180.64	650.78
Total liabilities of subsidiary	5.28	38.11	20.61	707.95
Investment of subsidiary	0	0	0	31.21
Turnover of subsidiary	0	32.86	32.48	1,159.62
Profit before tax of subsidiary	0	-15.76	-4.7	82.07
Provision for tax of subsidiary	0	0	0	14.94
Profit after tax of subsidiary	0	-15.76	-4.7	67.13
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	The Newport And South Wales Tube Company Limited	Thomas Processing Company	Thomas Processing Company	Thomas Steel Strip Corp.
Country of incorporation or residence of subsidiary	United Kingdom	United States of America	United States of America	United States of America

Disclosure of details of subsidiaries [Table]

..(58)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 119	Subsidiary 120		Subsidiary 121
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Thomas Steel Strip Corp.	TS South Africa Sales Office Proprietary Limited	TS South Africa Sales Office Proprietary Limited	Tulip UK Holdings (No.2) Limited
Country of incorporation or residence of subsidiary	United States of America	South Africa	South Africa	United Kingdom
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	USD	ZAR	ZAR	GBP
Exchange rate as applicable for subsidiary	75.78	4.62	5.22	101.68
Share capital of subsidiary	60.62	0	0	1,16,237.93
Reserves and surplus of subsidiary	-172.45	7.55	4.04	-61,784.72
Total assets of subsidiary	402.38	7.8	4.37	54,453.29
Total liabilities of subsidiary	514.21	0.25	0.33	0.08
Investment of subsidiary	28.78	0	0	54,453.28
Turnover of subsidiary	932.03	0	0	0
Profit before tax of subsidiary	50	5.37	1.79	0
Provision for tax of subsidiary	14.54	1.39	0.66	0
Profit after tax of subsidiary	35.46	3.98	1.13	0
Proposed dividend of subsidiary	0	0	6.27	0
Name of subsidiary	Thomas Steel Strip Corp.	TS South Africa Sales Office Proprietary Limited	TS South Africa Sales Office Proprietary Limited	Tulip UK Holdings (No.2) Limited
Country of incorporation or residence of subsidiary	United States of America	South Africa	South Africa	United Kingdom

Disclosure of details of subsidiaries [Table]

..(59)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 121	Subsidiary 122		Subsidiary 123
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tulip UK Holdings (No.2) Limited	Tulip UK Holdings (No.3) Limited	Tulip UK Holdings (No.3) Limited	UK Steel Enterprise Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	United Kingdom	United Kingdom
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	GBP	GBP	GBP	GBP
Exchange rate as applicable for subsidiary	99.51	101.68	99.51	101.68
Share capital of subsidiary	1,13,743.9	1,16,241.36	1,13,747.26	101.68
Reserves and surplus of subsidiary	-60,463.96	-61,667.15	-60,348.9	126.67
Total assets of subsidiary	53,280.01	54,574.21	53,398.36	213.15
Total liabilities of subsidiary	0.07	0	0	-15.2
Investment of subsidiary	53,280.02	54,574.21	53,398.36	49.08
Turnover of subsidiary	0	0	0	0
Profit before tax of subsidiary	0	0	0	4.56
Provision for tax of subsidiary	0	0	0	0
Profit after tax of subsidiary	0	0	0	4.56
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Tulip UK Holdings (No.2) Limited	Tulip UK Holdings (No.3) Limited	Tulip UK Holdings (No.3) Limited	UK Steel Enterprise Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	United Kingdom	United Kingdom

Disclosure of details of subsidiaries [Table]

..(60)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 123	Subsidiary 124		Subsidiary 125
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	UK Steel Enterprise Limited	Unitol SAS	Unitol SAS	AI Rimal Mining LLC
Country of incorporation or residence of subsidiary	United Kingdom	France	France	Oman
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	70.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	GBP	EUR	EUR	OMR
Exchange rate as applicable for subsidiary	99.51	89.29	84.11	213.42
Share capital of subsidiary	99.51	53.57	50.46	21.34
Reserves and surplus of subsidiary	118.2	72.84	56.23	-0.45
Total assets of subsidiary	184.89	672.01	776.18	22.26
Total liabilities of subsidiary	-32.82	545.6	669.49	1.37
Investment of subsidiary	40.53	2.37	2.05	0
Turnover of subsidiary	32.55	2,113.76	1,796.81	0
Profit before tax of subsidiary	34.69	7.39	149.33	14.17
Provision for tax of subsidiary	0	-4.48	21.13	0
Profit after tax of subsidiary	34.69	11.87	128.2	14.17
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	UK Steel Enterprise Limited	Unitol SAS	Unitol SAS	AI Rimal Mining LLC
Country of incorporation or residence of subsidiary	United Kingdom	France	France	Oman

Disclosure of details of subsidiaries [Table]

..(61)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 125	Subsidiary 126		Subsidiary 127
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	AI Rimal Mining LLC	TSMUK Limited	TSMUK Limited	Tata Steel Minerals Canada Limited
Country of incorporation or residence of subsidiary	Oman	United Kingdom	United Kingdom	Canada
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	70.00%	100.00%	100.00%	82.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	OMR	USD	USD	USD
Exchange rate as applicable for subsidiary	196.83	82.17	75.78	82.17
Share capital of subsidiary	19.68	4,922.22	4,539.3	7,215.76
Reserves and surplus of subsidiary	-13.49	-463.61	-427.77	-8,435.93
Total assets of subsidiary	24.14	8,856.92	8,168.11	7,049.33
Total liabilities of subsidiary	17.95	4,398.31	4,056.58	8,269.5
Investment of subsidiary	0	8,159.59	0	0
Turnover of subsidiary	0	0	0	664.78
Profit before tax of subsidiary	-0.89	0.25	-0.25	-1,112.66
Provision for tax of subsidiary	0	0	0	0
Profit after tax of subsidiary	-0.89	0.25	-0.25	-1,112.66
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	AI Rimal Mining LLC	TSMUK Limited	TSMUK Limited	Tata Steel Minerals Canada Limited
Country of incorporation or residence of subsidiary	Oman	United Kingdom	United Kingdom	Canada

Disclosure of details of subsidiaries [Table]

..(62)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 127	Subsidiary 128		Subsidiary 129
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel Minerals Canada Limited	TS Canada Capital Limited	TS Canada Capital Limited	(A) Tata Steel Manufacturing (Thailand) Public Company Limited
Country of incorporation or residence of subsidiary	Canada	Canada	Canada	Thailand
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	82.00%	100.00%	100.00%	99.90%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	USD	USD	USD	THB
Exchange rate as applicable for subsidiary	75.78	82.17	75.78	2.4
Share capital of subsidiary	6,654.42	0	0	1,627.51
Reserves and surplus of subsidiary	-6,753.57	35.39	33.24	710.41
Total assets of subsidiary	6,849.95	37.79	35.48	2,970.76
Total liabilities of subsidiary	6,949.1	2.4	2.24	632.84
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	754.15	0	0	7,385.18
Profit before tax of subsidiary	-831.33	-0.65	-0.09	159.82
Provision for tax of subsidiary	0	0	0	-2.17
Profit after tax of subsidiary	-831.33	-0.65	-0.09	161.99
Proposed dividend of subsidiary	0	0	0	65.1
Name of subsidiary	Tata Steel Minerals Canada Limited	TS Canada Capital Limited	TS Canada Capital Limited	(A) Tata Steel Manufacturing (Thailand) Public Company Limited
Country of incorporation or residence of subsidiary	Canada	Canada	Canada	Thailand

Footnotes

(A) Formerly N.T.S Steel Group Public Limited Company

Disclosure of details of subsidiaries [Table]

..(63)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 129	Subsidiary 130	Subsidiary 131	
	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	(A) Tata Steel Manufacturing (Thailand) Public Company Limited	Tata Steel International (Asia) Limited	Tata Steel International (Shanghai) Ltd.	Tata Steel International (Shanghai) Ltd.
Country of incorporation or residence of subsidiary	Thailand	Hong Kong S.A.R	China	China
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2022	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	99.90%	0.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	THB	HKD	CNY	CNY
Exchange rate as applicable for subsidiary	2.28	9.69	11.95	11.97
Share capital of subsidiary	1,544.66	0	5.84	5.84
Reserves and surplus of subsidiary	988.34	0	0.42	-0.28
Total assets of subsidiary	3,296.67	0	6.5	5.94
Total liabilities of subsidiary	763.67	0	0.24	0.38
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	7,438.63	0	11.55	7.55
Profit before tax of subsidiary	585.83	-2.98	0.7	-0.69
Provision for tax of subsidiary	-2.86	0	0	0.01
Profit after tax of subsidiary	588.69	-2.98	0.7	-0.7
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	(A) Tata Steel Manufacturing (Thailand) Public Company Limited	Tata Steel International (Asia) Limited	Tata Steel International (Shanghai) Ltd.	Tata Steel International (Shanghai) Ltd.
Country of incorporation or residence of subsidiary	Thailand	Hong Kong S.A.R	China	China

Footnotes

(A) Formerly N.T.S Steel Group Public Limited Company

Disclosure of details of subsidiaries [Table]

..(64)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 132		Subsidiary 133	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel (Thailand) Public Company Limited	Tata Steel (Thailand) Public Company Limited	T S Global Procurement Company Pte. Ltd.	T S Global Procurement Company Pte. Ltd.
Country of incorporation or residence of subsidiary	Thailand	Thailand	Singapore	Singapore
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	67.90%	67.90%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	THB	THB	USD	USD
Exchange rate as applicable for subsidiary	2.4	2.28	82.17	75.78
Share capital of subsidiary	2,023.19	1,920.2	818.73	755.04
Reserves and surplus of subsidiary	1,182.43	1,154.2	746.62	806.14
Total assets of subsidiary	3,243.86	3,123	18,622.05	16,075.89
Total liabilities of subsidiary	38.24	48.6	17,056.7	14,514.71
Investment of subsidiary	0	0	6.69	0
Turnover of subsidiary	147.85	94.52	75,791.36	61,318.73
Profit before tax of subsidiary	68.74	7.05	-111.01	361.72
Provision for tax of subsidiary	0.77	1.52	16.52	19.84
Profit after tax of subsidiary	67.97	5.53	-127.53	341.88
Proposed dividend of subsidiary	101.16	0	0	0
Name of subsidiary	Tata Steel (Thailand) Public Company Limited	Tata Steel (Thailand) Public Company Limited	T S Global Procurement Company Pte. Ltd.	T S Global Procurement Company Pte. Ltd.
Country of incorporation or residence of subsidiary	Thailand	Thailand	Singapore	Singapore

Disclosure of details of subsidiaries [Table]

..(65)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 134		Subsidiary 135	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	TATA STEEL ADVANCED MATERIALS LIMITED	(A) TATA STEEL ADVANCED MATERIALS LIMITED	TATA STEEL DOWNSTREAM PRODUCTS LIMITED	TATA STEEL DOWNSTREAM PRODUCTS LIMITED
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
CIN of subsidiary company	U74110MH2012PLC232512	U74110MH2012PLC232512	U27109WB1997PLC084005	U27109WB1997PLC084005
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	INR	INR	INR	INR
Exchange rate as applicable for subsidiary	1	1	1	1
Share capital of subsidiary	56.22	5.56	243.04	242.33
Reserves and surplus of subsidiary	8.87	-2.63	3,123.04	2,966.82
Total assets of subsidiary	65.21	3.01	4,120.52	4,306.7
Total liabilities of subsidiary	0.12	0.08	754.44	1,097.55
Investment of subsidiary	35.31	0.01	2,245.61	2,248.6
Turnover of subsidiary	0	0	7,393.73	6,805.38
Profit before tax of subsidiary	-0.53	-0.02	294.18	193.84
Provision for tax of subsidiary	0	0	47.8	49.96
Profit after tax of subsidiary	-0.53	-0.02	246.38	143.88
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	TATA STEEL ADVANCED MATERIALS LIMITED	(A) TATA STEEL ADVANCED MATERIALS LIMITED	TATA STEEL DOWNSTREAM PRODUCTS LIMITED	TATA STEEL DOWNSTREAM PRODUCTS LIMITED
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
CIN of subsidiary company	U74110MH2012PLC232512	U74110MH2012PLC232512	U27109WB1997PLC084005	U27109WB1997PLC084005

Footnotes

(A) Formerly Tata Steel Odisha Limited

Disclosure of details of subsidiaries [Table]

..(66)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 136		Subsidiary 137	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	TAYO ROLLS LIMITED	TAYO ROLLS LIMITED	THE TATA PIGMENTS LIMITED	THE TATA PIGMENTS LIMITED
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
CIN of subsidiary company	L27105JH1968PLC000818	L27105JH1968PLC000818	U24100JH1983PLC001836	U24100JH1983PLC001836
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	54.91%	54.91%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	INR	INR	INR	INR
Exchange rate as applicable for subsidiary	1	1	1	1
Share capital of subsidiary	0	0	0.75	0.75
Reserves and surplus of subsidiary	0	0	48.02	36.13
Total assets of subsidiary	0	0	100.2	76.8
Total liabilities of subsidiary	0	0	51.43	39.92
Investment of subsidiary	0	0	14.02	4
Turnover of subsidiary	0	0	194.85	151.04
Profit before tax of subsidiary	0	0	17.08	7.25
Provision for tax of subsidiary	0	0	4.44	1.87
Profit after tax of subsidiary	0	0	12.64	5.38
Proposed dividend of subsidiary	0	0	0	30.75
Name of subsidiary	TAYO ROLLS LIMITED	TAYO ROLLS LIMITED	THE TATA PIGMENTS LIMITED	THE TATA PIGMENTS LIMITED
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
CIN of subsidiary company	L27105JH1968PLC000818	L27105JH1968PLC000818	U24100JH1983PLC001836	U24100JH1983PLC001836

Disclosure of details of subsidiaries [Table]

..(67)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 138		Subsidiary 139	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	THE TINPLATE COMPANY OF INDIA LTD	THE TINPLATE COMPANY OF INDIA LTD	TATA STEEL FOUNDATION	TATA STEEL FOUNDATION
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
CIN of subsidiary company	L28112WB1920PLC003606	L28112WB1920PLC003606	U85300MH2016NPL284815	U85300MH2016NPL284815
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	74.96%	74.96%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	INR	INR	INR	INR
Exchange rate as applicable for subsidiary	1	1	1	1
Share capital of subsidiary	104.8	104.8	1	1
Reserves and surplus of subsidiary	1,158.28	1,066.17	12.32	4.85
Total assets of subsidiary	1,925.62	1,980.76	64.27	45.87
Total liabilities of subsidiary	662.54	809.79	50.95	40.02
Investment of subsidiary	252.45	213.45	0	0
Turnover of subsidiary	3,982.77	4,272.2	458.36	318.82
Profit before tax of subsidiary	192.91	471.18	7.47	0.45
Provision for tax of subsidiary	50.09	118.27	0	0
Profit after tax of subsidiary	142.82	352.91	7.47	0.45
Proposed dividend of subsidiary	31.4	20.93	0	0
Name of subsidiary	THE TINPLATE COMPANY OF INDIA LTD	THE TINPLATE COMPANY OF INDIA LTD	TATA STEEL FOUNDATION	TATA STEEL FOUNDATION
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
CIN of subsidiary company	L28112WB1920PLC003606	L28112WB1920PLC003606	U85300MH2016NPL284815	U85300MH2016NPL284815

Disclosure of details of subsidiaries [Table]

..(68)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 140		Subsidiary 141	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	JAMSHEDPUR FOOTBALL AND SPORTING PRIVATE LIMITED	JAMSHEDPUR FOOTBALL AND SPORTING PRIVATE LIMITED	BHUBANESHWAR POWER PRIVATE LIMITED	BHUBANESHWAR POWER PRIVATE LIMITED
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
CIN of subsidiary company	U92490MH2017PTC297047	U92490MH2017PTC297047	U40109TG2006PTC050759	U40109TG2006PTC050759
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	INR	INR	INR	INR
Exchange rate as applicable for subsidiary	1	1	1	1
Share capital of subsidiary	40.8	40.8	253.25	253.25
Reserves and surplus of subsidiary	-37.52	-8.91	153.54	109.06
Total assets of subsidiary	9.82	41.09	802.5	836.22
Total liabilities of subsidiary	6.54	9.2	395.71	473.91
Investment of subsidiary	0	0	7.69	0
Turnover of subsidiary	47.79	54.57	597.12	515.95
Profit before tax of subsidiary	-28.61	7.71	58.91	51.85
Provision for tax of subsidiary	0	0	14.21	13.25
Profit after tax of subsidiary	-28.61	7.71	44.7	38.6
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	JAMSHEDPUR FOOTBALL AND SPORTING PRIVATE LIMITED	JAMSHEDPUR FOOTBALL AND SPORTING PRIVATE LIMITED	BHUBANESHWAR POWER PRIVATE LIMITED	BHUBANESHWAR POWER PRIVATE LIMITED
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
CIN of subsidiary company	U92490MH2017PTC297047	U92490MH2017PTC297047	U40109TG2006PTC050759	U40109TG2006PTC050759

Disclosure of details of subsidiaries [Table]

..(69)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 142	Subsidiary 143	Subsidiary 144	
	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	BAMNIPAL STEEL LIMITED	TATA STEEL BSL LIMITED	ANGUL ENERGY LIMITED	ANGUL ENERGY LIMITED
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
CIN of subsidiary company	U27310MH2018PLC304494	L74899DL1983PLC014942	U40105DL2005PLC140748	U40105DL2005PLC140748
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2022	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	0.00%	0.00%	99.99%	99.99%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	INR	INR	INR	INR
Exchange rate as applicable for subsidiary	1	1	1	1
Share capital of subsidiary	0	0	10	10
Reserves and surplus of subsidiary	0	0	928.6	874.45
Total assets of subsidiary	0	0	1,011.74	1,057.57
Total liabilities of subsidiary	0	0	73.14	173.12
Investment of subsidiary	0	0	19.61	0.92
Turnover of subsidiary	0	0	195	185.11
Profit before tax of subsidiary	0	0	53.95	53.1
Provision for tax of subsidiary	0	0	0	0
Profit after tax of subsidiary	0	0	53.95	53.1
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	BAMNIPAL STEEL LIMITED	TATA STEEL BSL LIMITED	ANGUL ENERGY LIMITED	ANGUL ENERGY LIMITED
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
CIN of subsidiary company	U27310MH2018PLC304494	L74899DL1983PLC014942	U40105DL2005PLC140748	U40105DL2005PLC140748

Disclosure of details of subsidiaries [Table]

..(70)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 145		Subsidiary 146	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	(A) TATA STEEL SUPPORT SERVICES LIMITED	(B) TATA STEEL SUPPORT SERVICES LIMITED	Bhushan Steel (South) Limited	Bhushan Steel (South) Limited
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
CIN of subsidiary company	U93000DL2010PLC202028	U93000DL2010PLC202028	U27100DL2010PLC202027	U27100DL2010PLC202027
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	INR	INR	INR	INR
Exchange rate as applicable for subsidiary	1	1	1	1
Share capital of subsidiary	0.05	0.05	1.3	1.3
Reserves and surplus of subsidiary	1.18	0.98	-1.14	-1.11
Total assets of subsidiary	22.28	26.29	0.17	0.24
Total liabilities of subsidiary	21.05	25.26	0.01	0.05
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	59.89	61.72	0	0
Profit before tax of subsidiary	-0.09	4.03	-0.02	-0.02
Provision for tax of subsidiary	-0.02	0.88	0	0
Profit after tax of subsidiary	-0.07	3.15	-0.02	-0.02
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	(A) TATA STEEL SUPPORT SERVICES LIMITED	(B) TATA STEEL SUPPORT SERVICES LIMITED	Bhushan Steel (South) Limited	Bhushan Steel (South) Limited
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
CIN of subsidiary company	U93000DL2010PLC202028	U93000DL2010PLC202028	U27100DL2010PLC202027	U27100DL2010PLC202027

Footnotes

(A) Formerly Bhushan Steel (Orissa) Ltd.

(B) Formerly Bhushan Steel (Orissa) Ltd.

Disclosure of details of subsidiaries [Table]

..(71)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 147		Subsidiary 148	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	(A) TATA STEEL TECHNICAL SERVICES LIMITED	(B) TATA STEEL TECHNICAL SERVICES LIMITED	Bhushan Steel (Australia) PTY Ltd.	Bhushan Steel (Australia) PTY Ltd.
Country of incorporation or residence of subsidiary	INDIA	INDIA	Australia	Australia
CIN of subsidiary company	U93000DL2010PLC202026	U93000DL2010PLC202026		
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	INR	INR	AUD	AUD
Exchange rate as applicable for subsidiary	1	1	54.95	56.77
Share capital of subsidiary	0.05	0.05	286.12	295.58
Reserves and surplus of subsidiary	2.62	2.28	-282.14	-291.17
Total assets of subsidiary	46.32	53.91	14.6	15.52
Total liabilities of subsidiary	43.65	51.58	10.62	11.11
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	144.13	146.06	0	0
Profit before tax of subsidiary	-1.03	6.84	-0.29	-2.11
Provision for tax of subsidiary	-0.24	1.44	0	0
Profit after tax of subsidiary	-0.79	5.4	-0.29	-2.11
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	(A) TATA STEEL TECHNICAL SERVICES LIMITED	(B) TATA STEEL TECHNICAL SERVICES LIMITED	Bhushan Steel (Australia) PTY Ltd.	Bhushan Steel (Australia) PTY Ltd.
Country of incorporation or residence of subsidiary	INDIA	INDIA	Australia	Australia
CIN of subsidiary company	U93000DL2010PLC202026	U93000DL2010PLC202026		

Footnotes

(A) Formerly Bhushan Steel (Madhya Bharat) Ltd.

(B) Formerly Bhushan Steel (Madhya Bharat) Ltd.

Disclosure of details of subsidiaries [Table]

..(72)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 149		Subsidiary 150	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Bowen Energy PTY Ltd.	Bowen Energy PTY Ltd.	Bowen Coal PTY Ltd.	Bowen Coal PTY Ltd.
Country of incorporation or residence of subsidiary	Australia	Australia	Australia	Australia
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2022	01/04/2021	01/04/2022	01/04/2021
End date of accounting period of subsidiary	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Percentage of shareholding in subsidiary	100.00%	100.00%	100.00%	100.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	AUD	AUD	AUD	AUD
Exchange rate as applicable for subsidiary	54.95	56.77	54.95	56.77
Share capital of subsidiary	111.33	115.02	0	0
Reserves and surplus of subsidiary	-111.33	-115.02	0	0
Total assets of subsidiary	0	0	0	0
Total liabilities of subsidiary	0	0	0	0
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	0	0	0	0
Profit before tax of subsidiary	0	26.55	0	0
Provision for tax of subsidiary	0	0	0	0
Profit after tax of subsidiary	0	26.55	0	0
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	Bowen Energy PTY Ltd.	Bowen Energy PTY Ltd.	Bowen Coal PTY Ltd.	Bowen Coal PTY Ltd.
Country of incorporation or residence of subsidiary	Australia	Australia	Australia	Australia

Disclosure of details of subsidiaries [Table]

..(73)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 151	Subsidiary 152		Subsidiary 153
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	B o w e n Consolidated PTY Ltd.	CREATIVE PORT DEVELOPMENT PRIVATE LIMITED	CREATIVE PORT DEVELOPMENT PRIVATE LIMITED	SUBARNAREKHA PORT PRIVATE LIMITED
Country of incorporation or residence of subsidiary	Australia	INDIA	INDIA	INDIA
CIN of subsidiary company		U63032WB2006PTC246176	U63032WB2006PTC246176	U45203OR2008PTC010351
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	Not Applicable	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	100.00%	51.00%	51.00%	50.67%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	AUD	INR	INR	INR
Exchange rate as applicable for subsidiary	56.77	1	1	1
Share capital of subsidiary	0	222.36	222.36	10.92
Reserves and surplus of subsidiary	0	-12.78	-1.2	214.54
Total assets of subsidiary	0	223.9	221.44	269.86
Total liabilities of subsidiary	0	14.32	0.28	44.4
Investment of subsidiary	0	198.69	150.69	0
Turnover of subsidiary	0	0	0	0
Profit before tax of subsidiary	0	-0.74	-3.51	-8.4
Provision for tax of subsidiary	0	0	0.28	1.21
Profit after tax of subsidiary	0	-0.74	-3.79	-9.61
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	B o w e n Consolidated PTY Ltd.	CREATIVE PORT DEVELOPMENT PRIVATE LIMITED	CREATIVE PORT DEVELOPMENT PRIVATE LIMITED	SUBARNAREKHA PORT PRIVATE LIMITED
Country of incorporation or residence of subsidiary	Australia	INDIA	INDIA	INDIA
CIN of subsidiary company		U63032WB2006PTC246176	U63032WB2006PTC246176	U45203OR2008PTC010351

Disclosure of details of subsidiaries [Table]

..(74)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 153	Subsidiary 154		Subsidiary 155
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	SUBARNAREKHA PORT PRIVATE LIMITED	MEDICA TS HOSPITAL PRIVATE LIMITED	MEDICA TS HOSPITAL PRIVATE LIMITED	CERAMAT PRIVATE LIMITED
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
CIN of subsidiary company	U45203OR2008PTC010351	U85110OR2014PTC018162	U85110OR2014PTC018162	U26990MH2021PTC370837
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	01/04/2021	01/04/2022	07/01/2022	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	50.63%	51.00%	51.00%	90.00%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	INR	INR	INR	INR
Exchange rate as applicable for subsidiary	1	1	1	1
Share capital of subsidiary	9.7	73.75	1.51	19.64
Reserves and surplus of subsidiary	177.36	-29.91	45.61	-4.45
Total assets of subsidiary	218.63	50.21	52.83	17.51
Total liabilities of subsidiary	31.57	6.37	5.71	2.32
Investment of subsidiary	0	0	0	0
Turnover of subsidiary	0	22.77	6.45	0.18
Profit before tax of subsidiary	-0.11	-3.37	0.21	-4.29
Provision for tax of subsidiary	-0.33	-0.03	-0.03	0.03
Profit after tax of subsidiary	0.22	-3.34	0.24	-4.32
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	SUBARNAREKHA PORT PRIVATE LIMITED	MEDICA TS HOSPITAL PRIVATE LIMITED	MEDICA TS HOSPITAL PRIVATE LIMITED	CERAMAT PRIVATE LIMITED
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
CIN of subsidiary company	U45203OR2008PTC010351	U85110OR2014PTC018162	U85110OR2014PTC018162	U26990MH2021PTC370837

Disclosure of details of subsidiaries [Table]

..(75)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 155	Subsidiary 156		Subsidiary 157
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	CERAMAT PRIVATE LIMITED	Fischer Profil Produktions-und-Vertriebs-GmbH	Fischer Profil Produktions-und-Vertriebs-GmbH	Neelachal Ispat Nigam Ltd
Country of incorporation or residence of subsidiary	INDIA	Germany	Germany	INDIA
CIN of subsidiary company	U26990MH2021PTC370837			U27109OR1982PLC001050
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No	No	No
Reason if no filing has been made by subsidiary	In the process of filing the Balance Sheet and Profit and Loss account.	Not Applicable	Not Applicable	In the process of filing the Balance Sheet and Profit and Loss account.
Whether financial year of subsidiary different from financial year of holding company	No	No	No	No
Financial year of subsidiary [Abstract]				
Start date of accounting period of subsidiary	28/02/2022	01/04/2022	01/04/2021	01/04/2022
End date of accounting period of subsidiary	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Percentage of shareholding in subsidiary	90.00%	100.00%	100.00%	74.67%
Key information about subsidiary [Abstract]				
Reporting currency of subsidiary	INR	EUR	EUR	INR
Exchange rate as applicable for subsidiary	1	89.29	84.11	1
Share capital of subsidiary	0.01	0.22	0.21	6,311.23
Reserves and surplus of subsidiary	-0.12	0.39	0	4,906.55
Total assets of subsidiary	1.15	4	1.71	13,449.24
Total liabilities of subsidiary	1.26	3.39	1.5	2,231.46
Investment of subsidiary	0	0	0	556.75
Turnover of subsidiary	0	0	0	1,645.55
Profit before tax of subsidiary	-0.15	0.38	0	-1,508.36
Provision for tax of subsidiary	-0.03	-0.01	0	-290.05
Profit after tax of subsidiary	-0.12	0.39	0	-1,218.31
Proposed dividend of subsidiary	0	0	0	0
Name of subsidiary	CERAMAT PRIVATE LIMITED	Fischer Profil Produktions-und-Vertriebs-GmbH	Fischer Profil Produktions-und-Vertriebs-GmbH	Neelachal Ispat Nigam Ltd
Country of incorporation or residence of subsidiary	INDIA	Germany	Germany	INDIA
CIN of subsidiary company	U26990MH2021PTC370837			U27109OR1982PLC001050

Disclosure of details of subsidiaries [Table]

..(76)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 158	Subsidiary 159
	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]		
Disclosure of subsidiaries [Line items]		
Name of subsidiary	Tata Steel TABB Limited	S & T Mining Company Limited
Country of incorporation or residence of subsidiary	INDIA	INDIA
CIN of subsidiary company	U28999MH2022PLC383152	U13100WB2008PLC129436
Section under which company became subsidiary	Section 2(87)(ii)	Section 2(87)(ii)
Whether subsidiary has filed balance sheet	No	No
Reason if no filing has been made by subsidiary	In the process of filing the Balance Sheet and Profit and Loss account.	In the process of filing the Balance Sheet and Profit and Loss account.
Whether financial year of subsidiary different from financial year of holding company	No	No
Financial year of subsidiary [Abstract]		
Start date of accounting period of subsidiary	01/04/2022	01/04/2022
End date of accounting period of subsidiary	31/03/2023	31/03/2023
Percentage of shareholding in subsidiary	100.00%	100.00%
Key information about subsidiary [Abstract]		
Reporting currency of subsidiary	INR	INR
Exchange rate as applicable for subsidiary	1	1
Share capital of subsidiary	15.3	37.05
Reserves and surplus of subsidiary	-0.76	-36.81
Total assets of subsidiary	18.68	1.15
Total liabilities of subsidiary	4.14	0.91
Investment of subsidiary	0	0
Turnover of subsidiary	0	0
Profit before tax of subsidiary	-0.76	1.01
Provision for tax of subsidiary	0	0
Profit after tax of subsidiary	-0.76	1.01
Proposed dividend of subsidiary	0	0
Name of subsidiary	Tata Steel TABB Limited	S & T Mining Company Limited
Country of incorporation or residence of subsidiary	INDIA	INDIA
CIN of subsidiary company	U28999MH2022PLC383152	U13100WB2008PLC129436

Disclosure of joint ventures [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 1		Joint Venture 2	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Latest audited balance sheet date	31/12/2022	31/12/2021	31/03/2023	31/03/2022
Disclosure of joint ventures [Abstract]				
Disclosure of joint ventures [Line items]				
Name of joint venture	Minas De Benga (Mauritius) Limited	Minas De Benga (Mauritius) Limited	HIMALAYA STEEL MILL SERVICES PRIVATE LIMITED	HIMALAYA STEEL MILL SERVICES PRIVATE LIMITED
Country of incorporation of joint venture	Mauritius	Mauritius	INDIA	INDIA
CIN of joint venture			U74900JH2009PTC000689	U74900JH2009PTC000689
Number of shares held of joint venture	[shares] 27,77,69,593	[shares] 27,77,69,593	[shares] 36,19,945	[shares] 36,19,945
Amount of investment in joint venture	2,596.31	2,596.31	3.62	3.62
Latest audited balance sheet date	31/12/2022	31/12/2021	31/03/2023	31/03/2022
Description of reason why using different reporting date or period for joint venture	-	-	-	-
Whether joint venture has been considered in consolidation	Yes	Yes	Yes	Yes
Proportion of ownership interest in joint venture	35.00%	35.00%	26.00%	26.00%
Proportion of voting rights held in joint venture	35.00%	35.00%	26.00%	26.00%
Net worth attributable to shareholding as per latest audited balance sheet joint venture	-1,030.84	-874.47	7.95	7.23
Profit (loss) for year joint venture				
Profit (loss) for year joint venture considered in consolidation	44.74	105.96	2.88	2.32
Profit (loss) for year joint venture not considered in consolidation	83.08	196.79	8.2	6.59

Disclosure of joint ventures [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 3		Joint Venture 4	Joint Venture 5
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Latest audited balance sheet date	31/03/2023	31/03/2022	31/03/2022	31/03/2023
Disclosure of joint ventures [Abstract]				
Disclosure of joint ventures [Line items]				
Name of joint venture	MJUNCTION SERVICES LIMITED	MJUNCTION SERVICES LIMITED	S & T MINING COMPANY LIMITED	TATA BLUESCOPE STEEL PRIVATE LIMITED
Country of incorporation of joint venture	INDIA	INDIA	INDIA	INDIA
CIN of joint venture	U00000WB2001PLC115841	U00000WB2001PLC115841	U13100WB2008PLC129436	U45209PN2005PTC020270
Number of shares held of joint venture	[shares] 40,00,000	[shares] 40,00,000	[shares] 1,85,26,900	[shares] 43,30,00,000
Amount of investment in joint venture	4	4	18.53	433
Latest audited balance sheet date	31/03/2023	31/03/2022	31/03/2022	31/03/2023
Description of reason why using different reporting date or period for joint venture	-	-	-	-
Whether joint venture has been considered in consolidation	Yes	Yes	Yes	Yes
Proportion of ownership interest in joint venture	50.00%	50.00%	50.00%	50.00%
Proportion of voting rights held in joint venture	50.00%	50.00%	50.00%	50.00%
Net worth attributable to shareholding as per latest audited balance sheet joint venture	150.16	123.63	-0.39	760.82
Profit (loss) for year joint venture				
Profit (loss) for year joint considered in consolidation	36.66	35.13	0	139.43
Profit (loss) for year joint not considered in consolidation	36.66	35.13	-0.14	139.43

Disclosure of joint ventures [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 5	Joint Venture 6		Joint Venture 7
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Latest audited balance sheet date	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Disclosure of joint ventures [Abstract]				
Disclosure of joint ventures [Line items]				
Name of joint venture	TATA STEEL LIMITED BLUESCOPE PRIVATE	BlueScope Lysaght Lanka (Pvt) Ltd	BlueScope Lysaght Lanka (Pvt) Ltd	TATA NYK SHIPPING PTE LTD.
Country of incorporation of joint venture	INDIA	Sri Lanka	Sri Lanka	SINGAPORE
CIN of joint venture	U45209PN2005PTC020270			
Number of shares held of joint venture	[shares] 43,30,00,000	[shares] 1,06,35,000	[shares] 1,06,35,000	[shares] 6,51,57,500
Amount of investment in joint venture	433	2.66	2.79	535.5
Latest audited balance sheet date	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Description of reason why using different reporting date or period for joint venture	-	-	-	-
Whether joint venture has been considered in consolidation	Yes	Yes	Yes	Yes
Proportion of ownership interest in joint venture	50.00%	50.00%	100.00%	50.00%
Proportion of voting rights held in joint venture	50.00%	50.00%	100.00%	50.00%
Net worth attributable to shareholding as per latest audited balance sheet joint venture	721.39	9.85	14.89	145.46
Profit (loss) for year joint venture				
Profit (loss) for year joint venture considered in consolidation	140.62	2.74	0.95	1.86
Profit (loss) for year joint venture not considered in consolidation	140.62	2.74	0.95	1.86

Disclosure of joint ventures [Table]

..(4)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 7	Joint Venture 8		Joint Venture 9
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Latest audited balance sheet date	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Disclosure of joint ventures [Abstract]				
Disclosure of joint ventures [Line items]				
Name of joint venture	TATA NYK SHIPPING PTE LTD.	TATA NYK SHIPPING (INDIA) PRIVATE LIMITED	TATA NYK SHIPPING (INDIA) PRIVATE LIMITED	NABA DIGANTA WATER MANAGEMENT LIMITED
Country of incorporation of joint venture	SINGAPORE	INDIA	INDIA	INDIA
CIN of joint venture		U61100WB2007PTC118354	U61100WB2007PTC118354	U93010WB2008PLC121573
Number of shares held of joint venture	[shares] 6,51,57,500	[shares] 12,50,000	[shares] 12,50,000	[shares] 1,36,53,000
Amount of investment in joint venture	493.84	0.13	0.13	13.65
Latest audited balance sheet date	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Description of reason why using different reporting date or period for joint venture	-	-	-	-
Whether joint venture has been considered in consolidation	Yes	Yes	Yes	Yes
Proportion of ownership interest in joint venture	50.00%	50.00%	100.00%	74.00%
Proportion of voting rights held in joint venture	50.00%	50.00%	100.00%	74.00%
Net worth attributable to shareholding as per latest audited balance sheet joint venture	149.61	3.43	2.92	24.25
Profit (loss) for year joint venture				
Profit (loss) for year joint venture considered in consolidation	68.17	0.51	0.29	5.64
Profit (loss) for year joint venture not considered in consolidation	68.17	0.51	0.29	1.98

Disclosure of joint ventures [Table]

..(5)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 9	Joint Venture 10		Joint Venture 11
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Latest audited balance sheet date	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Disclosure of joint ventures [Abstract]				
Disclosure of joint ventures [Line items]				
Name of joint venture	NABA DIGANTA WATER MANAGEMENT LIMITED	JAMSHEDPUR CONTINUOUS ANNEALING & PROCESSING COMPANY PRIVATE LIMITED	JAMSHEDPUR CONTINUOUS ANNEALING & PROCESSING COMPANY PRIVATE LIMITED	TM INTERNATIONAL LOGISTICS LIMITED
Country of incorporation of joint venture	INDIA	INDIA	INDIA	INDIA
CIN of joint venture	U93010WB2008PLC121573	U27310WB2011PTC160845	U27310WB2011PTC160845	U63090WB2002PLC094134
Number of shares held of joint venture	[shares] 1,36,53,000	[shares] 73,03,20,000	[shares] 73,03,20,000	[shares] 91,80,000
Amount of investment in joint venture	13.65	730.32	730.32	9.18
Latest audited balance sheet date	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Description of reason why using different reporting date or period for joint venture	-	-	-	-
Whether joint venture has been considered in consolidation	Yes	Yes	Yes	Yes
Proportion of ownership interest in joint venture	74.00%	51.00%	51.00%	51.00%
Proportion of voting rights held in joint venture	74.00%	51.00%	51.00%	51.00%
Net worth attributable to shareholding as per latest audited balance sheet joint venture	24.09	832.41	777.16	130.8
Profit (loss) for year joint venture				
Profit (loss) for year joint venture considered in consolidation	5.19	121.79	202.54	27.94
Profit (loss) for year joint venture not considered in consolidation	1.82	117.01	194.6	26.85

Disclosure of joint ventures [Table]

..(6)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 11	Joint Venture 12		Joint Venture 13
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Latest audited balance sheet date	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Disclosure of joint ventures [Abstract]				
Disclosure of joint ventures [Line items]				
Name of joint venture	TM INTERNATIONAL LOGISTICS LIMITED	International Shipping and Logistics FZE	International Shipping and Logistics FZE	TKM Global China Ltd
Country of incorporation of joint venture	INDIA	United Arab Emirates	United Arab Emirates	China
CIN of joint venture	U63090WB2002PLC094134			
Number of shares held of joint venture	[shares] 91,80,000	[shares] 1	[shares] 1	[shares] 1
Amount of investment in joint venture	9.18	1.24	1.24	4.39
Latest audited balance sheet date	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Description of reason why using different reporting date or period for joint venture	-	-	-	-
Whether joint venture has been considered in consolidation	Yes	Yes	Yes	Yes
Proportion of ownership interest in joint venture	51.00%	51.00%	100.00%	51.00%
Proportion of voting rights held in joint venture	51.00%	51.00%	100.00%	51.00%
Net worth attributable to shareholding as per latest audited balance sheet joint venture	234.28	194.11	310.59	3.75
Profit (loss) for year joint venture				
Profit (loss) for year joint venture considered in consolidation	29.78	26.42	38.06	0.7
Profit (loss) for year joint venture not considered in consolidation	28.61	25.38	36.57	0.67

Disclosure of joint ventures [Table]

..(7)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 13	Joint Venture 14		Joint Venture 15
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Latest audited balance sheet date	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Disclosure of joint ventures [Abstract]				
Disclosure of joint ventures [Line items]				
Name of joint venture	TKM Global China Ltd	TKM Global GmbH	TKM Global GmbH	TKM GLOBAL LOGISTICS LIMITED
Country of incorporation of joint venture	China	Germany	Germany	INDIA
CIN of joint venture				U51109WB1991PLC051941
Number of shares held of joint venture	[shares] 1	[shares] 100	[shares] 100	[shares] 36,00,000
Amount of investment in joint venture	4.39	1.11	1.11	5.16
Latest audited balance sheet date	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Description of reason why using different reporting date or period for joint venture	-	-	-	-
Whether joint venture has been considered in consolidation	Yes	Yes	Yes	Yes
Proportion of ownership interest in joint venture	100.00%	51.00%	100.00%	51.00%
Proportion of voting rights held in joint venture	100.00%	51.00%	100.00%	51.00%
Net worth attributable to shareholding as per latest audited balance sheet joint venture	5.99	94.51	195.95	16.52
Profit (loss) for year joint venture				
Profit (loss) for year joint venture considered in consolidation	1.1	2.99	6.41	13.44
Profit (loss) for year joint venture not considered in consolidation	1.06	2.88	6.16	12.91

Disclosure of joint ventures [Table]

..(8)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 15	Joint Venture 16		Joint Venture 17
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Latest audited balance sheet date	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Disclosure of joint ventures [Abstract]				
Disclosure of joint ventures [Line items]				
Name of joint venture	TKM GLOBAL LOGISTICS LIMITED	INDUSTRIAL ENERGY LIMITED	INDUSTRIAL ENERGY LIMITED	JAMIPOL LIMITED
Country of incorporation of joint venture	INDIA	INDIA	INDIA	INDIA
CIN of joint venture	U51109WB1991PLC051941	U74999MH2007PLC167623	U74999MH2007PLC167623	U24111JH1995PLC009020
Number of shares held of joint venture	[shares] 36,00,000	[shares] 17,31,60,000	[shares] 17,31,60,000	[shares] 44,75,000
Amount of investment in joint venture	5.16	173.16	173.16	18.17
Latest audited balance sheet date	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Description of reason why using different reporting date or period for joint venture	-	-	-	-
Whether joint venture has been considered in consolidation	Yes	Yes	Yes	Yes
Proportion of ownership interest in joint venture	100.00%	26.00%	26.00%	40.22%
Proportion of voting rights held in joint venture	100.00%	26.00%	26.00%	40.22%
Net worth attributable to shareholding as per latest audited balance sheet joint venture	30.95	281.79	277.57	62.42
Profit (loss) for year joint venture				
Profit (loss) for year joint venture considered in consolidation	3.65	30.13	57.46	12.41
Profit (loss) for year joint venture not considered in consolidation	3.5	85.77	163.55	18.45

Disclosure of joint ventures [Table]

..(9)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 17	Joint Venture 18		Joint Venture 19
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Latest audited balance sheet date	31/03/2022	31/03/2023	31/03/2022	31/03/2022
Disclosure of joint ventures [Abstract]				
Disclosure of joint ventures [Line items]				
Name of joint venture	JAMIPOL LIMITED	NICCO JUBILEE PARK LIMITED	NICCO JUBILEE PARK LIMITED	Laura Metaal Holding B.V.
Country of incorporation of joint venture	INDIA	INDIA	INDIA	NETHERLANDS
CIN of joint venture	U24111JH1995PLC009020	U45201WB2001PLC092842	U45201WB2001PLC092842	
Number of shares held of joint venture	[shares] 44,75,000	[shares] 3,40,000	[shares] 3,40,000	[shares] 2,744
Amount of investment in joint venture	9.18	0	0	11.12
Latest audited balance sheet date	31/03/2022	31/03/2023	31/03/2022	31/03/2022
Description of reason why using different reporting date or period for joint venture	-	-	-	-
Whether joint venture has been considered in consolidation	Yes	Yes	Yes	Yes
Reason why joint venture is not consolidated		Financial information are not available	Financial information are not available	
Proportion of ownership interest in joint venture	39.78%	25.31%	25.31%	49.00%
Proportion of voting rights held in joint venture	39.78%	25.31%	25.31%	49.00%
Net worth attributable to shareholding as per latest audited balance sheet joint venture	79.65	0	0	185.48
Profit (loss) for year joint venture				
Profit (loss) for year joint venture considered in consolidation	12.99	0	0	1.01
Profit (loss) for year joint venture not considered in consolidation	19.67	0	0	1.05

Disclosure of joint ventures [Table]

..(10)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 19	Joint Venture 20		Joint Venture 21
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Latest audited balance sheet date	31/03/2021	31/03/2022	31/03/2021	31/03/2022
Disclosure of joint ventures [Abstract]				
Disclosure of joint ventures [Line items]				
Name of joint venture	Laura Metaal Holding B.V.	Ravenscraig Limited	Ravenscraig Limited	Tata Steel Ticaret AS
Country of incorporation of joint venture	NETHERLANDS	UNITED KINGDOM	UNITED KINGDOM	TURKEY
Number of shares held of joint venture	[shares] 2,744	[shares] 100	[shares] 100	[shares] 80,000
Amount of investment in joint venture	10.47	0	0	0.03
Latest audited balance sheet date	31/03/2021	31/03/2022	31/03/2021	31/03/2022
Description of reason why using different reporting date or period for joint venture	-	-	-	-
Whether joint venture has been considered in consolidation	Yes	Yes	Yes	Yes
Proportion of ownership interest in joint venture	49.00%	33.33%	33.33%	50.00%
Proportion of voting rights held in joint venture	49.00%	33.33%	33.33%	50.00%
Net worth attributable to shareholding as per latest audited balance sheet joint venture	214.97	-82.08	-73.79	13.01
Profit (loss) for year joint venture				
Profit (loss) for year joint venture considered in consolidation	69.77	-6.67	1.55	14.12
Profit (loss) for year joint venture not considered in consolidation	72.62	-13.35	1.55	14.12

Disclosure of joint ventures [Table]

..(11)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 21	Joint Venture 22		Joint Venture 23
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Latest audited balance sheet date	31/03/2021	31/03/2022	31/03/2021	31/03/2023
Disclosure of joint ventures [Abstract]				
Disclosure of joint ventures [Line items]				
Name of joint venture	Tata Steel Ticaret AS	Air Products Llanwern Limited	Air Products Llanwern Limited	Texturing Technology Limited
Country of incorporation of joint venture	TURKEY	UNITED KINGDOM	UNITED KINGDOM	UNITED KINGDOM
Number of shares held of joint venture	[shares] 80,000	[shares] 50,000	[shares] 50,000	[shares] 10,00,000
Amount of investment in joint venture	0.04	0.01	0.01	10.17
Latest audited balance sheet date	31/03/2021	31/03/2022	31/03/2021	31/03/2023
Description of reason why using different reporting date or period for joint venture	-	-	-	-
Whether joint venture has been considered in consolidation	Yes	Yes	Yes	Yes
Proportion of ownership interest in joint venture	50.00%	50.00%	50.00%	50.00%
Proportion of voting rights held in joint venture	50.00%	50.00%	50.00%	50.00%
Net worth attributable to shareholding as per latest audited balance sheet joint venture	8.33	9.87	11.68	25.03
Profit (loss) for year joint venture				
Profit (loss) for year joint venture considered in consolidation	10.1	2.06	-0.92	4.49
Profit (loss) for year joint venture not considered in consolidation	10.1	2.06	-0.92	4.49

Disclosure of joint ventures [Table]

..(12)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 23	Joint Venture 24		Joint Venture 25
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Latest audited balance sheet date	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Disclosure of joint ventures [Abstract]				
Disclosure of joint ventures [Line items]				
Name of joint venture	Texturing Technology Limited	Hoogovens Court Roll Service Technologies VOF	Hoogovens Court Roll Service Technologies VOF	ANDAL EAST COAL COMPANY PRIVATE LIMITED
Country of incorporation of joint venture	UNITED KINGDOM	Netherlands	Netherlands	INDIA
CIN of joint venture				U10300WB2009PTC138558
Number of shares held of joint venture	[shares] 10,00,000	[shares] 0	[shares] 0	[shares] 3,30,000
Amount of investment in joint venture	9.95	11.76	11.51	1.46
Latest audited balance sheet date	31/03/2022	31/03/2023	31/03/2022	31/03/2023
Description of reason why using different reporting date or period for joint venture	-	-	-	-
Whether joint venture has been considered in consolidation	Yes	Yes	Yes	Yes
Reason why joint venture is not consolidated				Companies are in liquidation
Proportion of ownership interest in joint venture	50.00%	50.00%	50.00%	33.89%
Proportion of voting rights held in joint venture	50.00%	50.00%	50.00%	33.89%
Net worth attributable to shareholding as per latest audited balance sheet joint venture	20.1	12.64	19.31	0
Profit (loss) for year joint venture				
Profit (loss) for year joint venture considered in consolidation	5.73	-2.01	1.2	0
Profit (loss) for year joint venture not considered in consolidation	5.73	-2.01	1.2	0

Disclosure of joint ventures [Table]

..(13)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 25
	01/04/2021 to 31/03/2022
Latest audited balance sheet date	31/03/2022
Disclosure of joint ventures [Abstract]	
Disclosure of joint ventures [Line items]	
Name of joint venture	ANDAL EAST COAL COMPANY PRIVATE LIMITED
Country of incorporation of joint venture	INDIA
CIN of joint venture	U10300WB2009PTC138558
Number of shares held of joint venture	[shares] 3,30,000
Amount of investment in joint venture	1.46
Latest audited balance sheet date	31/03/2022
Description of reason why using different reporting date or period for joint venture	-
Whether joint venture has been considered in consolidation	Yes
Reason why joint venture is not consolidated	Companies are in liquidation
Proportion of ownership interest in joint venture	33.89%
Proportion of voting rights held in joint venture	33.89%
Net worth attributable to shareholding as per latest audited balance sheet joint venture	0
Profit (loss) for year joint venture	
Profit (loss) for year joint venture considered in consolidation	0
Profit (loss) for year joint venture not considered in consolidation	0

Disclosure of associates [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Associates [Axis]	Associate 1		Associate 2	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of associates [Abstract]				
Disclosure of associates [Line items]				
Name of associate entity	KALINGA AQUATIC LTD	KALINGA AQUATIC LTD	KUMARDHUBI FIRECLAY & SILICA WORKS LTD	KUMARDHUBI FIRECLAY & SILICA WORKS LTD
Country of incorporation of associate	INDIA	INDIA	INDIA	INDIA
CIN of associate entity	U05004OR1989PLC002356	U05004OR1989PLC002356	U45209WB1915PLC002601	U45209WB1915PLC002601
Latest audited balance sheet date	31/12/2022	31/12/2021	31/12/2022	31/12/2021
Whether associate has been considered in consolidation	No	Yes	No	No
Reason why associate is not consolidated	Companies are in liquidation	Companies are in liquidation	Companies are in liquidation	Companies are in liquidation
Proportion of ownership interest in associate	30.00%	30.00%	27.78%	27.78%
Proportion of voting rights held in associate	30.00%	30.00%	27.78%	27.78%
Amount of investment in associate	0	0	0	0
Number of shares held of associate	[shares] 10,49,920	[shares] 10,49,920	[shares] 0	[shares] 0
Net worth attributable to shareholding as per latest audited balance sheet associate	0	0	0	0
Profit (loss) for year associate				
Profit (loss) for year associate considered in consolidation	0	0	0	0
Profit (loss) for year associate not considered in consolidation	0	0	0	0
Latest audited balance sheet date	31/12/2022	31/12/2021	31/12/2022	31/12/2021

Disclosure of associates [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Associates [Axis]	Associate 3		Associate 4	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of associates [Abstract]				
Disclosure of associates [Line items]				
Name of associate entity	KUMARDHUBI METAL CASTING AND ENGINEERING LIMITED	KUMARDHUBI METAL CASTING AND ENGINEERING LIMITED	Strategic Energy Technology Systems Private Limited	Strategic Energy Technology Systems Private Limited
Country of incorporation of associate	INDIA	INDIA	INDIA	INDIA
CIN of associate entity	U27100JH1983PLC001890	U27100JH1983PLC001890	U72900MH2006PTC163193	U72900MH2006PTC163193
Latest audited balance sheet date	31/12/2022	31/12/2021	31/03/2022	31/03/2021
Whether associate has been considered in consolidation	No	No	Yes	Yes
Reason why associate is not consolidated	Companies are in liquidation	Companies are in liquidation	Not consolidated, as the investment value is impaired	Not consolidated, as the investment value is impaired
Proportion of ownership interest in associate	49.31%	49.31%	25.00%	25.00%
Proportion of voting rights held in associate	49.31%	49.31%	25.00%	25.00%
Amount of investment in associate	0	0	25.62	25.62
Number of shares held of associate	[shares] 0	[shares] 0	[shares] 2,56,14,500	[shares] 2,56,14,500
Net worth attributable to shareholding as per latest audited balance sheet associate	0	0	0	0
Profit (loss) for year associate				
Profit (loss) for year associate considered in consolidation	0	0	0	0
Profit (loss) for year associate not considered in consolidation	0	0	0	0
Latest audited balance sheet date	31/12/2022	31/12/2021	31/03/2022	31/03/2021

Disclosure of associates [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Associates [Axis]	Associate 5		Associate 6	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of associates [Abstract]				
Disclosure of associates [Line items]				
Name of associate entity	Tata Construction & Projects Ltd.	Tata Construction & Projects Ltd.	TRF LIMITED.	TRF LIMITED.
Country of incorporation of associate			INDIA	INDIA
CIN of associate entity			L74210JH1962PLC000700	L74210JH1962PLC000700
Latest audited balance sheet date	31/03/2022	31/03/2021	31/03/2022	31/03/2021
Whether associate has been considered in consolidation	Yes	Yes	Yes	Yes
Reason why associate is not consolidated	Companies are in liquidation	Companies are in liquidation	Under amalgamation	-
Proportion of ownership interest in associate	27.19%	27.19%	34.11%	34.11%
Proportion of voting rights held in associate	27.19%	27.19%	34.11%	34.11%
Amount of investment in associate	0	0	204.02	5.79
Number of shares held of associate	[shares] 0	[shares] 0	[shares] 37,53,275	[shares] 37,53,275
Net worth attributable to shareholding as per latest audited balance sheet associate	0	0	6.51	-98.76
Profit (loss) for year associate				
Profit (loss) for year associate considered in consolidation	0	0	29.93	-6.94
Profit (loss) for year associate not considered in consolidation	0	0	57.82	-13.41
Latest audited balance sheet date	31/03/2022	31/03/2021	31/03/2022	31/03/2021

Disclosure of associates [Table]

..(4)

Unless otherwise specified, all monetary values are in Crores of INR

Associates [Axis]	Associate 7		Associate 8	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of associates [Abstract]				
Disclosure of associates [Line items]				
Name of associate entity	TRF Singapore Pte Limited	TRF Singapore Pte Limited	TRF Holding Pte Limited	TRF Holding Pte Limited
Country of incorporation of associate	Singapore	Singapore	Singapore	Singapore
Latest audited balance sheet date	31/03/2022	31/03/2021	31/03/2022	31/03/2021
Whether associate has been considered in consolidation	Yes	Yes	Yes	Yes
Reason why associate is not consolidated	-	-	-	-
Proportion of ownership interest in associate	34.11%	100.00%	34.11%	100.00%
Proportion of voting rights held in associate	34.11%	100.00%	34.11%	100.00%
Amount of investment in associate	126.28	281.43	0	0
Number of shares held of associate	[shares] 1,90,86,929	[shares] 1,90,86,929	[shares] 1	[shares] 1
Net worth attributable to shareholding as per latest audited balance sheet associate	20.78	18.97	0.01	-0.14
Profit (loss) for year associate				
Profit (loss) for year associate considered in consolidation	-0.23	-2.04	0.15	-0.05
Profit (loss) for year associate not considered in consolidation	-0.45	-3.94	0.29	-0.09
Latest audited balance sheet date	31/03/2022	31/03/2021	31/03/2022	31/03/2021

Disclosure of associates [Table]

..(5)

Unless otherwise specified, all monetary values are in Crores of INR

Associates [Axis]	Associate 9		Associate 10	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of associates [Abstract]				
Disclosure of associates [Line items]				
Name of associate entity	Dutch Lanka Trailer Manufactures Limited	Dutch Lanka Trailer Manufactures Limited	Dutch Lanka Engineering (Private) Limited	Dutch Lanka Engineering (Private) Limited
Country of incorporation of associate	Sri Lanka	Sri Lanka	Sri Lanka	Sri Lanka
Latest audited balance sheet date	31/03/2022	31/03/2021	31/03/2022	31/03/2021
Whether associate has been considered in consolidation	Yes	Yes	Yes	Yes
Reason why associate is not consolidated	-	-	-	-
Proportion of ownership interest in associate	34.11%	100.00%	34.11%	100.00%
Proportion of voting rights held in associate	34.11%	100.00%	34.11%	100.00%
Amount of investment in associate	154.02	139.52	0.71	0.66
Number of shares held of associate	[shares] 15,23,06,150	[shares] 15,23,06,150	[shares] 11,50,000	[shares] 11,50,000
Net worth attributable to shareholding as per latest audited balance sheet associate	16.57	12.65	-0.86	-0.19
Profit (loss) for year associate				
Profit (loss) for year associate considered in consolidation	2.82	-0.99	-0.67	-0.55
Profit (loss) for year associate not considered in consolidation	5.44	-1.91	-1.29	-1.06
Latest audited balance sheet date	31/03/2022	31/03/2021	31/03/2022	31/03/2021

Disclosure of associates [Table]

..(6)

Unless otherwise specified, all monetary values are in Crores of INR

Associates [Axis]	Associate 11		Associate 12	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of associates [Abstract]				
Disclosure of associates [Line items]				
Name of associate entity	MALUSHA TRAVELS PVT LTD	MALUSHA TRAVELS PVT LTD	European Profiles (M) Sdn. Bhd.	European Profiles (M) Sdn. Bhd.
Country of incorporation of associate	INDIA	INDIA	MALAYSIA	MALAYSIA
CIN of associate entity	U63040MH1988PTC049514	U63040MH1988PTC049514		
Latest audited balance sheet date	31/03/2023	31/03/2022	31/12/2022	31/12/2021
Whether associate has been considered in consolidation	Yes	Yes	No	No
Reason why associate is not consolidated	-	-	-	-
Proportion of ownership interest in associate	33.23%	33.23%	20.00%	20.00%
Proportion of voting rights held in associate	33.23%	33.23%	20.00%	20.00%
Amount of investment in associate	0	0	0	1.26
Number of shares held of associate	[shares] 3,352	[shares] 3,352	[shares] 7,00,000	[shares] 7,00,000
Net worth attributable to shareholding as per latest audited balance sheet associate	0	0	12.57	12.23
Profit (loss) for year associate				
Profit (loss) for year associate considered in consolidation	0	0	-0.25	0.3
Profit (loss) for year associate not considered in consolidation	0	0	-1.02	0
Latest audited balance sheet date	31/03/2023	31/03/2022	31/12/2022	31/12/2021

Disclosure of associates [Table]

..(7)

Unless otherwise specified, all monetary values are in Crores of INR

Associates [Axis]	Associate 13		Associate 14	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of associates [Abstract]				
Disclosure of associates [Line items]				
Name of associate entity	Gietwals Onderhoud Combinatie B.V.	Gietwals Onderhoud Combinatie B.V.	Hoogovens Gan Multimedia S.A. De C.V.	Hoogovens Gan Multimedia S.A. De C.V.
Country of incorporation of associate	Netherlands	Netherlands	Mexico	Mexico
Latest audited balance sheet date	31/12/2022	31/12/2021	31/12/2022	31/12/2021
Whether associate has been considered in consolidation	Yes	Yes	No	No
Reason why associate is not consolidated	-	-	The operations of the companies are not significant and hence are immaterial for consolidation	The operations of the companies are not significant and hence are immaterial for consolidation.
Proportion of ownership interest in associate	50.00%	50.00%	50.00%	50.00%
Proportion of voting rights held in associate	50.00%	50.00%	50.00%	50.00%
Amount of investment in associate	11.52	11.28	0.01	0.01
Number of shares held of associate	[shares] 50	[shares] 50	[shares] 4,55,000	[shares] 4,55,000
Net worth attributable to shareholding as per latest audited balance sheet associate	23.13	25.33	0	0
Profit (loss) for year associate				
Profit (loss) for year associate considered in consolidation	3.64	2.8	0	0
Profit (loss) for year associate not considered in consolidation	3.64	2.8	0	0
Latest audited balance sheet date	31/12/2022	31/12/2021	31/12/2022	31/12/2021

Disclosure of associates [Table]

..(8)

Unless otherwise specified, all monetary values are in Crores of INR

Associates [Axis]	Associate 15		Associate 16	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of associates [Abstract]				
Disclosure of associates [Line items]				
Name of associate entity	ISSB Limited	ISSB Limited	Wupperman Staal Nederland B.V.	Wupperman Staal Nederland B.V.
Country of incorporation of associate	UNITED KINGDOM	UNITED KINGDOM	Netherlands	Netherlands
Latest audited balance sheet date	31/03/2022	31/03/2021	31/03/2022	31/12/2021
Whether associate has been considered in consolidation	No	No	Yes	Yes
Reason why associate is not consolidated	The operations of the companies are not significant and hence are immaterial for consolidation.	The operations of the companies are not significant and hence are immaterial for consolidation.		
Proportion of ownership interest in associate	50.00%	50.00%	30.00%	30.00%
Proportion of voting rights held in associate	50.00%	50.00%	30.00%	30.00%
Amount of investment in associate	0.01	0.01	74.57	72.98
Number of shares held of associate	[shares] 500	[shares] 500	[shares] 2,400	[shares] 2,400
Net worth attributable to shareholding as per latest audited balance sheet associate	0	0	127.9	208.42
Profit (loss) for year associate				
Profit (loss) for year associate considered in consolidation	0	0	5.17	47.99
Profit (loss) for year associate not considered in consolidation	0	0	12.06	111.97
Latest audited balance sheet date	31/03/2022	31/03/2021	31/03/2022	31/12/2021

Disclosure of associates [Table]

..(9)

Unless otherwise specified, all monetary values are in Crores of INR

Associates [Axis]	Associate 17		Associate 18	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of associates [Abstract]				
Disclosure of associates [Line items]				
Name of associate entity	Fabsec Limited	Fabsec Limited	9336-0634 Quebec Inc	9336-0634 Quebec Inc
Country of incorporation of associate	UNITED KINGDOM	UNITED KINGDOM	CANADA	CANADA
Latest audited balance sheet date	31/03/2022	31/12/2021	31/03/2023	31/03/2022
Whether associate has been considered in consolidation	No	No	Yes	Yes
Reason why associate is not consolidated	The operations of the companies are not significant and hence are immaterial for consolidation.	The operations of the companies are not significant and hence are immaterial for consolidation.	Financial information are not available	Financial information are not available
Proportion of ownership interest in associate	25.00%	25.00%	27.33%	33.33%
Proportion of voting rights held in associate	25.00%	25.00%	27.33%	33.33%
Amount of investment in associate	0	0	0	0
Number of shares held of associate	[shares] 250	[shares] 250	[shares] 1	[shares] 1
Net worth attributable to shareholding as per latest audited balance sheet associate	0	0	0	0
Profit (loss) for year associate				
Profit (loss) for year associate considered in consolidation	0	0	0	0
Profit (loss) for year associate not considered in consolidation	0	0	0	0
Latest audited balance sheet date	31/03/2022	31/12/2021	31/03/2023	31/03/2022

Disclosure of associates [Table]

..(10)

Unless otherwise specified, all monetary values are in Crores of INR

Associates [Axis]	Associate 19		Associate 20	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of associates [Abstract]				
Disclosure of associates [Line items]				
Name of associate entity	Bhushan Capital & Credit Services Private Limited	Bhushan Capital & Credit Services Private Limited	Jawahar Credit & Holdings Private Limited	Jawahar Credit & Holdings Private Limited
Country of incorporation of associate	INDIA	INDIA	INDIA	INDIA
CIN of associate entity	U74899DL1993PTC054636	U74899DL1993PTC054636	U74899DL1993PTC054635	U74899DL1993PTC054635
Latest audited balance sheet date	31/03/2023	31/03/2022	31/03/2023	31/03/2022
Whether associate has been considered in consolidation	Yes	Yes	Yes	Yes
Reason why associate is not consolidated	Textual information (111) [See below]	Textual information (112) [See below]	Textual information (113) [See below]	Textual information (114) [See below]
Proportion of ownership interest in associate	42.58%	42.58%	39.65%	39.65%
Proportion of voting rights held in associate	42.58%	42.58%	39.65%	39.65%
Amount of investment in associate	9.4	9.4	9.4	9.4
Number of shares held of associate	[shares] 86,43,742	[shares] 86,43,742	[shares] 86,43,742	[shares] 86,43,742
Net worth attributable to shareholding as per latest audited balance sheet associate	0	0	0	0
Profit (loss) for year associate				
Profit (loss) for year associate considered in consolidation	0	0	0	0
Profit (loss) for year associate not considered in consolidation	0	0	0	0
Latest audited balance sheet date	31/03/2023	31/03/2022	31/03/2023	31/03/2022

Details of subsidiaries liquidated or sold during year [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries liquidated or sold during year [Axis]	Subsidiary 1		Subsidiary 2	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Details of subsidiaries liquidated or sold during year [Abstract]				
Details of subsidiaries liquidated or sold during year [LineItems]				
Name of subsidiary liquidated or sold during year	British Steel Service Centres Limited	Bistapur Steel Limited	DSRM Group Limited	Dimna Steel Limited

Details of subsidiaries liquidated or sold during year [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries liquidated or sold during year [Axis]	Subsidiary 3		Subsidiary 4	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Details of subsidiaries liquidated or sold during year [Abstract]				
Details of subsidiaries liquidated or sold during year [LineItems]				
Name of subsidiary liquidated or sold during year	Europressings Limited	Jamadoba Steel Limited	02727547 Limited (Formerly known as Firsteel Holdings Limited)	Jugsalai Steel Limited

Details of subsidiaries liquidated or sold during year [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries liquidated or sold during year [Axis]	Subsidiary 5		Subsidiary 6	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Details of subsidiaries liquidated or sold during year [Abstract]				
Details of subsidiaries liquidated or sold during year [LineItems]				
Name of subsidiary liquidated or sold during year	Lister Limited	Tubes Noamundi Limited	Steel Precoat Limited	International Sakchi Steel Limited

Details of subsidiaries liquidated or sold during year [Table]

..(4)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries liquidated or sold during year [Axis]	Subsidiary 7		Subsidiary 8	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Details of subsidiaries liquidated or sold during year [Abstract]				
Details of subsidiaries liquidated or sold during year [LineItems]				
Name of subsidiary liquidated or sold during year	Precoat Limited	Straight Mile Steel Limited	Stewarts & Lloyds Of Ireland Limited	Bore Samson Group Limited

Details of subsidiaries liquidated or sold during year [Table]

..(5)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries liquidated or sold during year [Axis]	Subsidiary 9		Subsidiary 10	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Details of subsidiaries liquidated or sold during year [Abstract]				
Details of subsidiaries liquidated or sold during year [LineItems]				
Name of subsidiary liquidated or sold during year	The Templeborough Rolling Mills Limited	Bore Steel Limited	Toronto Industrial Fabrications Limited	C Walker & Sons Limited

Details of subsidiaries liquidated or sold during year [Table]

..(6)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries liquidated or sold during year [Axis]	Subsidiary 11		Subsidiary 12	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Details of subsidiaries liquidated or sold during year [Abstract]				
Details of subsidiaries liquidated or sold during year [LineItems]				
Name of subsidiary liquidated or sold during year	Walkersteelstock Ireland Limited	Color Steels Limited	Westwood Steel Services Limited	Cogent Power Inc

Details of subsidiaries liquidated or sold during year [Table]

..(7)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries liquidated or sold during year [Axis]	Subsidiary 13		Subsidiary 14	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Details of subsidiaries liquidated or sold during year [Abstract]				
Details of subsidiaries liquidated or sold during year [LineItems]				
Name of subsidiary liquidated or sold during year	TSIL Energy Limited	Cordor (C& B) Limited	Blastmega Limited	Corus Engineering Steels Overseas Holdings Limited

Details of subsidiaries liquidated or sold during year [Table]

..(8)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries liquidated or sold during year [Axis]	Subsidiary 15		Subsidiary 16	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Details of subsidiaries liquidated or sold during year [Abstract]				
Details of subsidiaries liquidated or sold during year [LineItems]				
Name of subsidiary liquidated or sold during year	Corus Engineering Steels Holdings Limited	Round Oak Steelworks Limited	Grant Lyon Eagre Limited	Runblast Limited

Details of subsidiaries liquidated or sold during year [Table]

..(9)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries liquidated or sold during year [Axis]	Subsidiary 17		Subsidiary 18	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Details of subsidiaries liquidated or sold during year [Abstract]				
Details of subsidiaries liquidated or sold during year [LineItems]				
Name of subsidiary liquidated or sold during year	Hammermega Limited	The Stanton Housing Company Limited	Plated Strip (International) Limited	UKSE Fund Managers Limited

Details of subsidiaries liquidated or sold during year [Table]

..(10)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries liquidated or sold during year [Axis]	Subsidiary 19		Subsidiary 20	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Details of subsidiaries liquidated or sold during year [Abstract]				
Details of subsidiaries liquidated or sold during year [LineItems]				
Name of subsidiary liquidated or sold during year	Runmega Limited	Whitehead (Narrow Strip) Limited	Stewarts And Lloyds (Overseas) Limited	Walkersteelstock Limited

Details of subsidiaries liquidated or sold during year [Table]

..(11)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries liquidated or sold during year [Axis]	Subsidiary 21		Subsidiary 22	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Details of subsidiaries liquidated or sold during year [Abstract]				
Details of subsidiaries liquidated or sold during year [LineItems]				
Name of subsidiary liquidated or sold during year	U.E.S Bright Bar Limited	NatSteel Holdings Pte. Ltd.	B o w e n Consolidated Pty Ltd	Easteel Services (M) Sdn. Bhd.

Details of subsidiaries liquidated or sold during year [Table]

..(12)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries liquidated or sold during year [Axis]	Subsidiary 23		Subsidiary 24	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Details of subsidiaries liquidated or sold during year [Abstract]				
Details of subsidiaries liquidated or sold during year [LineItems]				
Name of subsidiary liquidated or sold during year	Tata Steel France Batiment et Systemes SAS	NatSteel Recycling Pte Ltd.	NatSteel Asia Pte. Ltd.	NatSteel Trade International Pte. Ltd.

Details of subsidiaries liquidated or sold during year [Table]

..(13)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries liquidated or sold during year [Axis]	Subsidiary 25		Subsidiary 26	Subsidiary 27
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022
Details of subsidiaries liquidated or sold during year [Abstract]				
Details of subsidiaries liquidated or sold during year [LineItems]				
Name of subsidiary liquidated or sold during year	TS Asia (Hong Kong) Ltd.	Bell & Harwood Limited	British Steel Engineering Steels (Exports) Limited	Nationwide SteelStock Limited

Details of subsidiaries liquidated or sold during year [Table]

..(14)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries liquidated or sold during year [Axis]	Subsidiary 28	Subsidiary 29	Subsidiary 30	Subsidiary 31
	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022
Details of subsidiaries liquidated or sold during year [Abstract]				
Details of subsidiaries liquidated or sold during year [LineItems]				
Name of subsidiary liquidated or sold during year	Corus Cold Drawn tubes Limited	Ore Carriers Limited	Seamless Tubes Limited	Corus Large Diameter Pipes Limited

Details of subsidiaries liquidated or sold during year [Table]

..(15)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries liquidated or sold during year [Axis]	Subsidiary 32	Subsidiary 33	Subsidiary 34	Subsidiary 35
	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022
Details of subsidiaries liquidated or sold during year [Abstract]				
Details of subsidiaries liquidated or sold during year [LineItems]				
Name of subsidiary liquidated or sold during year	Corus Engineering Steel Pension Scheme Trustee Limited	Walker Manufacturing and Investments Limited	British Guide Rails Limited	Steelstock Limited

Details of subsidiaries liquidated or sold during year [Table]

..(16)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries liquidated or sold during year [Axis]	Subsidiary 36	Subsidiary 37	Subsidiary 38	Subsidiary 39
	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022
Details of subsidiaries liquidated or sold during year [Abstract]				
Details of subsidiaries liquidated or sold during year [LineItems]				
Name of subsidiary liquidated or sold during year	Steel Stockholdings Limited	Corus Service Centre Limited	Tata Steel BSL Limited(a)	Bamnipal Steel Limited(a)

Details of subsidiaries liquidated or sold during year [Table]

..(17)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries liquidated or sold during year [Axis]	Subsidiary 40
	01/04/2021 to 31/03/2022
Details of subsidiaries liquidated or sold during year [Abstract]	
Details of subsidiaries liquidated or sold during year [LineItems]	
Name of subsidiary liquidated or sold during year	Tata Steel International (Asia) Limited

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of interests in other entities [TextBlock]	Textual information (115) [See below]	
Disclosure of interests in subsidiaries [TextBlock]		
Disclosure of subsidiaries [TextBlock]		
Whether company has subsidiary companies	Yes	Yes
Number of subsidiary companies	[pure] 146	[pure] 156
Whether company has subsidiary companies which are yet to commence operations	Yes	Yes
Whether company has subsidiary companies liquidated or sold during year	Yes	Yes
Disclosure of interests in associates [TextBlock]		
Disclosure of associates [TextBlock]		
Whether company has invested in associates	Yes	Yes
Whether company has associates which are yet to commence operations	No	No
Whether company has associates liquidated or sold during year	No	Yes
Disclosure of interests in joint arrangements [TextBlock]		
Disclosure of joint ventures [TextBlock]		
Whether company has invested in joint ventures	Yes	Yes
Whether company has joint ventures which are yet to commence operations	No	No
Whether company has joint ventures liquidated or sold during year	No	Yes
Disclosure of interests in unconsolidated structured entities [TextBlock]		
Disclosure of unconsolidated structured entities [TextBlock]		
Whether there are unconsolidated structured entities	No	No
Disclosure of investment entities [TextBlock]		
Disclosure of information about unconsolidated subsidiaries [TextBlock]		
Whether there are unconsolidated subsidiaries	No	No
Disclosure of information about unconsolidated structured entities controlled by investment entity [TextBlock]		
Whether there are unconsolidated structured entities controlled by investment entity	No	No

Textual information (111)

Reason why associate is not consolidated

Tata Steel BSL Limited (TSBSL) (earlier known as Bhushan Steel Limited), an erstwhile subsidiary (acquired through the corporate insolvency resolution process) which amalgamated with the Company during the year ended March, 2022 was being identified as the promoter of Jawahar Credits Holdings Private Limited (JCHPL) and Bhushan Capital & Credit Services Private Limited (BCCSPL). These entities were connected to the previous management of erstwhile TSBSL, before acquisition of TSBSL by the Company (through Bamnival Steel Limited) in May 2018. TSBSL had written to JCHPL, BCCSPL and the Registrar of Companies (National Capital Territory of Delhi & Haryana) intimating that TSBSL should not be identified as promoter of these two companies; accordingly, legally, neither erstwhile TSBSL nor the Company had any visibility or control over the operations of these two companies nor currently exercises any influence on these entities.

Textual information (112)

Reason why associate is not consolidated

Tata Steel BSL Limited (TSBSL) an erstwhile subsidiary merged with the Company was being shown as the promoter of Jawahar Credit & Holdings Private Limited (JCHPL) and Bhushan Capital & Credit Services Private Limited (BCCSPL). These entities were connected to the previous management of Bhushan Steel Limited. TSBSL had written to JCHPL, BCCSPL and the Registrar of Companies (National Capital Territory of Delhi & Haryana) intimating that TSBSL should not be identified as promoter of these companies. Neither the erstwhile TSBSL nor Tata Steel Limited ever exercised or currently exercises any influence on these entities, and hence, these are not being considered as Associates.

Textual information (113)

Reason why associate is not consolidated

Tata Steel BSL Limited (TSBSL) (earlier known as Bhushan Steel Limited), an erstwhile subsidiary (acquired through the corporate insolvency resolution process) which amalgamated with the Company during the year ended March, 2022 was being identified as the promoter of Jawahar Credits Holdings Private Limited (JCHPL) and Bhushan Capital & Credit Services Private Limited (BCCSPL). These entities were connected to the previous management of erstwhile TSBSL, before acquisition of TSBSL by the Company (through Bamnival Steel Limited) in May 2018. TSBSL had written to JCHPL, BCCSPL and the Registrar of Companies (National Capital Territory of Delhi & Haryana) intimating that TSBSL should not be identified as promoter of these two companies; accordingly, legally, neither erstwhile TSBSL nor the Company had any visibility or control over the operations of these two companies nor currently exercises any influence on these entities.

Textual information (114)

Reason why associate is not consolidated

Tata Steel BSL Limited (TSBSL) an erstwhile subsidiary merged with the Company was being shown as the promoter of Jawahar Credit & Holdings Private Limited (JCHPL) and Bhushan Capital & Credit Services Private Limited (BCCSPL). These entities were connected to the previous management of Bhushan Steel Limited. TSBSL had written to JCHPL, BCCSPL and the Registrar of Companies (National Capital Territory of Delhi & Haryana) intimating that TSBSL should not be identified as promoter of these companies. Neither the erstwhile TSBSL nor Tata Steel Limited ever exercised or currently exercises any influence on these entities, and hence, these are not being considered as Associates.

Textual information (115)

Disclosure of interests in other entities [Text Block]

Details of significant investments in subsidiaries, joint ventures and associates

			(% Direct Holding)
	Country of Incorporation	As at March 31, 2023	As at March 31, 2022
(a) Subsidiary companies			
(1) ABJA Investment Co. Pte Ltd.	Singapore	100.00	100.00
(2) Angul Energy Limited	India	99.99	99.99
(3) Bhushan Steel (Australia) Pty Limited	Australia	100.00	100.00
(4) Bhushan Steel (South) Limited	India	100.00	100.00
(5) Bhubaneswar Power Private Limited	India	93.58	93.58
(6) Creative Port Development Private Limited	India	51.00	51.00
(7) Jamshedpur Football and Sporting Private Limited	India	100.00	100.00
(8) Medica TS Hospital Pvt Ltd.	India	51.00	51.00
(9) Mohar Exports Services Pvt Ltd	India	33.23	33.23
(10) NatSteel Asia Pte. Ltd.	Singapore	-	100.00
(11) Neelachal Ispat Nigam Limited	India	5.24	-
(12) Rujuvalika Investments Limited	India	100.00	100.00
(13) S & T Mining Company Limited	India	100.00	50.00
(14) Subarnarekha Port Private Limited	India	3.88	4.37
(15) T Steel Holdings Pte. Ltd.	Singapore	100.00	100.00
(16) Tata Korf Engineering Services Ltd	India	100.00	100.00
(17) Tata Metaliks Ltd.	India	60.03	60.03
(18) Tata Steel Advanced Materials Limited (formerly Tata Steel Odisha Limited)	India	100.00	-
(19) Tata Steel Downstream Products Limited	India	100.00	100.00
(20) Tata Steel Foundation	India	100.00	100.00
(21) Tata Steel Long Products Limited	India	74.91	74.91
(22) Tata Steel Mining Limited	India	100.00	100.00
(23) Tata Steel Support Services Limited (formerly Bhushan Steel (Orissa) Limited)	India	100.00	100.00
(24) Tata Steel Technical Services Limited (formerly Bhushan Steel Madhya Bharat Limited)	India	100.00	100.00

(25) Tata Steel Utilities and Infrastructure Services Limited	India	100.00	100.00
(26) Tayo Rolls Limited	India	54.91	54.91
(27) The Indian Steel & Wire Products Ltd.	India	95.01	95.01
(28) The Tinplate Company of India Limited	India	74.96	74.96
(b) Associate companies			
(1) Bhushan Capital & Credit Services Private Limited	India	42.58	42.58
(2) Jawahar Credit & Holdings Private Limited	India	39.65	39.65
(3) Kalinga Aquatics Ltd.	India	30.00	30.00
(4) Kumardhubi Fireclay and Silica Works Ltd	India	27.78	27.78
(5) Kumardhubi Metal Casting and Engineering Ltd	India	49.31	49.31
(6) Malusha Travels Pvt Ltd	India	33.23	33.23
(7) Strategic Energy Technology Systems Private Limited	India	25.00	25.00
(8) Tata Construction and Projects Ltd.	India	27.19	27.19
(9) TRF Limited.	India	34.11	34.11
(c) Joint ventures			
(1) Andal East Coal Company Private Limited	India	33.89	33.89
(2) Industrial Energy Limited	India	26.00	26.00
(3) mjunction services limited	India	50.00	50.00
(4) S & T Mining Company Limited	India	-	50.00
(5) Tata NYK Shipping Pte Ltd.	Singapore	50.00	50.00
(6) TM International Logistics Limited	India	51.00	51.00

[611400] Notes - Separate financial statements

Disclosure of subsidiaries [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 1		Subsidiary 2	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	ABJA Investment Co. Pte. Ltd.	ABJA Investment Co. Pte. Ltd.	ADITYAPUR TOLL BRIDGE COMPANY LIMITED	ADITYAPUR TOLL BRIDGE COMPANY LIMITED
CIN of subsidiary company			U45201JH1996PLC007124	U45201JH1996PLC007124
Country of incorporation or residence of subsidiary	Singapore	Singapore	INDIA	INDIA
Proportion of ownership interest in subsidiary	100.00%	100.00%	88.50%	88.50%
Proportion of voting rights held in subsidiary	100.00%	100.00%	88.50%	88.50%

Disclosure of subsidiaries [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 3		Subsidiary 4	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	TATA STEEL SPECIAL ECONOMIC ZONE LIMITED	TATA STEEL SPECIAL ECONOMIC ZONE LIMITED	THE INDIAN STEEL & WIRE PRODUCTS LTD	THE INDIAN STEEL & WIRE PRODUCTS LTD
CIN of subsidiary company	U45201OR2006PLC008971	U45201OR2006PLC008971	U27106WB1935PLC008447	U27106WB1935PLC008447
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
Proportion of ownership interest in subsidiary	100.00%	100.00%	95.01%	95.01%
Proportion of voting rights held in subsidiary	100.00%	100.00%	95.01%	95.01%

Disclosure of subsidiaries [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 5		Subsidiary 6	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	TATA STEEL UTILITIES A N D INFRASTRUCTURE SERVICES LIMITED	TATA STEEL UTILITIES A N D INFRASTRUCTURE SERVICES LIMITED	HALDIA WATER MANAGEMENT LIMITED	HALDIA WATER MANAGEMENT LIMITED
CIN of subsidiary company	U45200JH2003PLC010315	U45200JH2003PLC010315	U74140WB2008PLC126534	U74140WB2008PLC126534
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
Proportion of ownership interest in subsidiary	100.00%	100.00%	60.00%	60.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	60.00%	60.00%

Disclosure of subsidiaries [Table]

..(4)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 7		Subsidiary 8	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	TATA STEEL BUSINESS DELIVERY CENTRE LIMITED	TATA STEEL BUSINESS DELIVERY CENTRE LIMITED	MOHAR EXPORT SERVICES PVT LTD	MOHAR EXPORT SERVICES PVT LTD
CIN of subsidiary company	U74999WB2018PLC224208	U74999WB2018PLC224208	U51900MH1988PTC049518	U51900MH1988PTC049518
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
Proportion of ownership interest in subsidiary	100.00%	100.00%	66.46%	66.46%
Proportion of voting rights held in subsidiary	100.00%	100.00%	66.46%	66.46%

Disclosure of subsidiaries [Table]

..(5)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 9		Subsidiary 10	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	NatSteel Asia Pte. Ltd.	NatSteel Asia Pte. Ltd.	TS Asia (Hong Kong) Ltd.	TS Asia (Hong Kong) Ltd.
Country of incorporation or residence of subsidiary	Singapore	Singapore	Hong Kong SAR	Hong Kong SAR
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(6)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 11		Subsidiary 12	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	RUJUVALIKA INVESTMENTS LIMITED	RUJUVALIKA INVESTMENTS LIMITED	TATA STEEL MINING LIMITED	TATA STEEL MINING LIMITED
CIN of subsidiary company	U67120MH1988PLC049872	U67120MH1988PLC049872	U27109OR2004PLC009683	U27109OR2004PLC009683
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(7)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 13		Subsidiary 14	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	TATA KORF ENGINEERING SERVICES LTD	TATA KORF ENGINEERING SERVICES LTD	TATA METALIKS LTD.	TATA METALIKS LTD.
CIN of subsidiary company	U74210WB1985PLC039675	U74210WB1985PLC039675	L27310WB1990PLC050000	L27310WB1990PLC050000
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
Proportion of ownership interest in subsidiary	100.00%	100.00%	60.03%	60.03%
Proportion of voting rights held in subsidiary	100.00%	100.00%	60.03%	60.03%

Disclosure of subsidiaries [Table]

..(8)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 15		Subsidiary 16	Subsidiary 17
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	TATA STEEL LONG PRODUCTS LIMITED	TATA STEEL LONG PRODUCTS LIMITED	TSIL ENERGY LIMITED	T Steel Holdings Pte. Ltd.
CIN of subsidiary company	L27102OR1982PLC001091	L27102OR1982PLC001091	U40109OR2012PLC016232	
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	Singapore
Proportion of ownership interest in subsidiary	74.91%	74.91%	100.00%	100.00%
Proportion of voting rights held in subsidiary	74.91%	74.91%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(9)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 17	Subsidiary 18		Subsidiary 19
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	T Steel Holdings Pte. Ltd.	T S Global Holdings Pte. Ltd.	T S Global Holdings Pte. Ltd.	Orchid Netherlands (No.1) B.V.
Country of incorporation or residence of subsidiary	Singapore	Singapore	Singapore	Netherlands
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(10)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 19	Subsidiary 20	Subsidiary 21	Subsidiary 22
	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Orchid Netherlands (No.1) B.V.	NatSteel Holdings Pte. Ltd.	Easteel Services (M) Sdn. Bhd.	Eastern Steel Fabricators Philippines, Inc.
Country of incorporation or residence of subsidiary	Netherlands	Singapore	Malaysia	Philippines
Proportion of ownership interest in subsidiary	100.00%	0.00%	0.00%	67.00%
Proportion of voting rights held in subsidiary	100.00%	0.00%	0.00%	67.00%

Disclosure of subsidiaries [Table]

..(11)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 23	Subsidiary 24	Subsidiary 25	
	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	NatSteel Recycling Pte Ltd.	NatSteel Trade International Pte. Ltd.	The Siam Industrial Wire Company Ltd.	The Siam Industrial Wire Company Ltd.
Country of incorporation or residence of subsidiary	Singapore	Singapore	Thailand	Thailand
Proportion of ownership interest in subsidiary	0.00%	0.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	0.00%	0.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(12)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 26		Subsidiary 27	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	TSN Wires Co., Ltd.	TSN Wires Co., Ltd.	Tata Steel Europe Limited	Tata Steel Europe Limited
Country of incorporation or residence of subsidiary	Thailand	Thailand	United Kingdom	United Kingdom
Proportion of ownership interest in subsidiary	60.00%	60.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	60.00%	60.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(13)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 28		Subsidiary 29	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Apollo Metals Limited	Apollo Metals Limited	(A) 00030048 Limited	British Steel Corporation Limited
Country of incorporation or residence of subsidiary	United States of America	United States of America	United Kingdom	United Kingdom
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Footnotes

(A) Formerly British Steel Corporation Limited

Disclosure of subsidiaries [Table]

..(14)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 30	Subsidiary 31		Subsidiary 32
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	British Steel Directors (Nominees) Limited	British Steel Nederland International B.V.	British Steel Nederland International B.V.	C V Benine
Country of incorporation or residence of subsidiary	United Kingdom	Netherlands	Netherlands	Netherlands
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	76.92%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	76.92%

Disclosure of subsidiaries [Table]

..(15)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 32	Subsidiary 33		Subsidiary 34
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	C V Benine	Catnic GmbH	Catnic GmbH	Catnic Limited
Country of incorporation or residence of subsidiary	Netherlands	Germany	Germany	United Kingdom
Proportion of ownership interest in subsidiary	76.92%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	76.92%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(16)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 34	Subsidiary 35	Subsidiary 36	
	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Catnic Limited	Cogent Power Inc.	Cogent Power Limited	Cogent Power Limited
Country of incorporation or residence of subsidiary	United Kingdom	United States of America	United Kingdom	United Kingdom
Proportion of ownership interest in subsidiary	100.00%	0.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	0.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(17)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 37		Subsidiary 38	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Corbeil Les Rives SCI	Corbeil Les Rives SCI	Corby (Northants) & District Water Company Limited	Corby (Northants) & District Water Company Limited
Country of incorporation or residence of subsidiary	France	France	United Kingdom	United Kingdom
Proportion of ownership interest in subsidiary	67.30%	67.30%	100.00%	100.00%
Proportion of voting rights held in subsidiary	67.30%	67.30%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(18)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 39		Subsidiary 40	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Corus CNBV Investments	Corus CNBV Investments	Corus Engineering Steels (UK) Limited	Corus Engineering Steels (UK) Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	United Kingdom	United Kingdom
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(19)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 41		Subsidiary 42	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Corus Engineering Steels Limited	Corus Engineering Steels Limited	Corus Group Limited	Corus Group Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	United Kingdom	United Kingdom
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(20)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 43		Subsidiary 44	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Corus Holdings Limited	Corus Holdings Limited	Corus International (Overseas Holdings) Limited	Corus International (Overseas Holdings) Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	United Kingdom	United Kingdom
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(21)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 45		Subsidiary 46	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Corus International Limited	Corus International Limited	Corus International Romania SRL.	Corus International Romania SRL.
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	Romania	Romania
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(22)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 47		Subsidiary 48	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Corus Investments Limited	Corus Investments Limited	Corus Ireland Limited	Corus Ireland Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	Ireland	Ireland
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(23)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 49		Subsidiary 50	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Corus Liaison Services (India) Limited	Corus Liaison Services (India) Limited	Corus Management Limited	Corus Management Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	United Kingdom	United Kingdom
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(24)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 51		Subsidiary 52	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Corus Property	Corus Property	Corus UK Healthcare Limited	Corus UK Healthcare Trustee Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	United Kingdom	United Kingdom
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(25)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 53		Subsidiary 54	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Crucible Insurance Company Limited	Crucible Insurance Company Limited	Degels GmbH	Degels GmbH
Country of incorporation or residence of subsidiary	Isle of Man	Isle of Man	Germany	Germany
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(26)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 55		Subsidiary 56	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Demka B.V.	Demka B.V.	(A) 00026466 Limited	(B) 00026466 Limited
Country of incorporation or residence of subsidiary	Netherlands	Netherlands	United Kingdom	United Kingdom
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Footnotes

(A) Formerly known as Firsteel Group Limited

(B) Formerly known as Firsteel Group Limited

Disclosure of subsidiaries [Table]

..(27)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 57		Subsidiary 58	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Fischer Profit GmbH	Fischer Profit GmbH	Gamble Simms Metals Limited	Gamble Simms Metals Limited
Country of incorporation or residence of subsidiary	Germany	Germany	Ireland	Ireland
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(28)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 59		Subsidiary 60	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	H E Samson Limited	H E Samson Limited	Hadfields Holdings Limited	Hadfields Holdings Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	United Kingdom	United Kingdom
Proportion of ownership interest in subsidiary	100.00%	100.00%	62.50%	62.50%
Proportion of voting rights held in subsidiary	100.00%	100.00%	62.50%	62.50%

Disclosure of subsidiaries [Table]

..(29)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 61		Subsidiary 62	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Halmstad Steel Service Centre AB	Halmstad Steel Service Centre AB	Hille & Muller GmbH	Hille & Muller GmbH
Country of incorporation or residence of subsidiary	Sweden	Sweden	Germany	Germany
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(30)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 63		Subsidiary 64	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Hille & Muller USA Inc.	Hille & Muller USA Inc.	Hoogovens USA Inc.	Hoogovens USA Inc.
Country of incorporation or residence of subsidiary	United States of America	United States of America	United States of America	United States of America
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(31)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 65		Subsidiary 66	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Huizenbezit "Breesaap" B.V.	Huizenbezit "Breesaap" B.V.	Inter Metal Distribution SAS	Inter Metal Distribution SAS
Country of incorporation or residence of subsidiary	Netherlands	Netherlands	France	France
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(32)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 67		Subsidiary 68	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Layde Steel S.L.	Layde Steel S.L.	London Works Steel Company Limited	London Works Steel Company Limited
Country of incorporation or residence of subsidiary	Spain	Spain	United Kingdom	United Kingdom
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(33)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 69		Subsidiary 70	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Montana Bausysteme AG	Montana Bausysteme AG	Naantali Steel Service Centre OY	Naantali Steel Service Centre OY
Country of incorporation or residence of subsidiary	Switzerland	Switzerland	Finland	Finland
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(34)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 71		Subsidiary 72	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Norsk Stal Tynnplater AS	Norsk Stal Tynnplater AS	Norsk Stal Tynnplater AB	Norsk Stal Tynnplater AB
Country of incorporation or residence of subsidiary	Norway	Norway	Sweden	Sweden
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(35)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 73	Subsidiary 74		Subsidiary 75
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Orb Electrical Steels Limited	Oremco Inc.	Oremco Inc.	Rafferty-Brown Steel Co Inc Of Conn.
Country of incorporation or residence of subsidiary	United Kingdom	United States of America	United States of America	United States of America
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(36)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 75	Subsidiary 76		Subsidiary 77
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Rafferty-Brown Steel Co Inc Of Conn.	S A B Profil B.V.	S A B Profil B.V.	S A B Profil GmbH
Country of incorporation or residence of subsidiary	United States of America	Netherlands	Netherlands	Germany
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(37)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 77	Subsidiary 78		Subsidiary 79
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	S A B Profil GmbH	Service Centre Gelsenkirchen GmbH	Service Centre Gelsenkirchen GmbH	Service Centre Maastricht B.V.
Country of incorporation or residence of subsidiary	Germany	Germany	Germany	Netherlands
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(38)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 79	Subsidiary 80		Subsidiary 81
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Service Centre Maastricht B.V.	Societe Europeenne De Galvanisation (Segal) Sa	Societe Europeenne De Galvanisation (Segal) Sa	Staalverwerking en Handel B.V.
Country of incorporation or residence of subsidiary	Netherlands	Belgium	Belgium	Netherlands
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(39)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 81	Subsidiary 82		Subsidiary 83
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Staalverwerking en Handel B.V.	Surahammar Bruks AB	Surahammar Bruks AB	Swinden Housing Association Limited
Country of incorporation or residence of subsidiary	Netherlands	Sweden	Sweden	United Kingdom
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(40)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 83	Subsidiary 84		Subsidiary 85
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Swinden Housing Association Limited	Tata Steel Belgium Packaging Steels N.V.	Tata Steel Belgium Packaging Steels N.V.	Tata Steel Belgium Services N.V.
Country of incorporation or residence of subsidiary	United Kingdom	Belgium	Belgium	Belgium
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(41)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 85	Subsidiary 86		Subsidiary 87
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel Belgium Services N.V.	Tata Steel France Batiment et Systemes SAS	Tata Steel France Batiment et Systemes SAS	Tata Steel France Holdings SAS
Country of incorporation or residence of subsidiary	Belgium	France	France	France
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(42)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 87	Subsidiary 88		Subsidiary 89
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel France Holdings SAS	Tata Steel Germany GmbH	Tata Steel Germany GmbH	Tata Steel IJmuiden BV
Country of incorporation or residence of subsidiary	France	Germany	Germany	Netherlands
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(43)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 89	Subsidiary 90		Subsidiary 91
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel IJmuiden BV	Tata Steel International (Americas) Holdings Inc	Tata Steel International (Americas) Holdings Inc	Tata Steel International (Americas) Inc
Country of incorporation or residence of subsidiary	Netherlands	United States of America	United States of America	United States of America
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(44)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 91	Subsidiary 92		Subsidiary 93
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel International (Americas) Inc	Tata Steel International (Czech Republic) S.R.O	Tata Steel International (Czech Republic) S.R.O	Tata Steel International (France) SAS
Country of incorporation or residence of subsidiary	United States of America	Czech Republic	Czech Republic	France
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(45)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 93	Subsidiary 94		Subsidiary 95
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel International (France) SAS	Tata Steel International (Germany) GmbH	Tata Steel International (Germany) GmbH	Tata Steel International (South America) Representacoes LTDA
Country of incorporation or residence of subsidiary	France	Germany	Germany	Brazil
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(46)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 95	Subsidiary 96		Subsidiary 97
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel International (South America) Representacoes LTDA	Tata Steel International (Italia) SRL	Tata Steel International (Italia) SRL	Tata Steel International (Middle East) FZE
Country of incorporation or residence of subsidiary	Brazil	Italy	Italy	United Arab Emirates
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(47)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 97	Subsidiary 98		Subsidiary 99
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel International (Middle East) FZE	Tata Steel International Limited	Tata Steel International Limited	Tata Steel International (Poland) sp Zoo
Country of incorporation or residence of subsidiary	United Arab Emirates	Nigeria	Nigeria	Poland
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(48)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 99	Subsidiary 100		Subsidiary 101
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel International (Poland) sp Zoo	Tata Steel International (Sweden) AB	Tata Steel International (Sweden) AB	TATA STEEL INTERNATIONAL (INDIA) LIMITED
CIN of subsidiary company				U74900MH2005PLC151710
Country of incorporation or residence of subsidiary	Poland	Sweden	Sweden	INDIA
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(49)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 101	Subsidiary 102		Subsidiary 103
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	TATA STEEL INTERNATIONAL (INDIA) LIMITED	Tata Steel International Iberica SA	Tata Steel International Iberica SA	Tata Steel Istanbul Metal Sanayi ve Ticaret AS
CIN of subsidiary company	U74900MH2005PLC151710			
Country of incorporation or residence of subsidiary	INDIA	Spain	Spain	Turkey
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(50)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 103	Subsidiary 104		Subsidiary 105
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel Istanbul Metal Sanayi ve Ticaret AS	Tata Steel Mexico SA de CV	Tata Steel Mexico SA de CV	Tata Steel Maubeuge SAS
Country of incorporation or residence of subsidiary	Turkey	Mexico	Mexico	France
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(51)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 105	Subsidiary 106		Subsidiary 107
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel Maubeuge SAS	Tata Steel Nederland BV	Tata Steel Nederland BV	Tata Steel Nederland Consulting & Technical Services BV
Country of incorporation or residence of subsidiary	France	Netherlands	Netherlands	Netherlands
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(52)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 107	Subsidiary 108		Subsidiary 109
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel Nederland Consulting & Technical Services BV	Tata Steel Nederland Services BV	Tata Steel Nederland Services BV	Tata Steel Nederland Technology BV
Country of incorporation or residence of subsidiary	Netherlands	Netherlands	Netherlands	Netherlands
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(53)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 109	Subsidiary 110		Subsidiary 111
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel Nederland Technology BV	Tata Steel Nederland Tubes BV	Tata Steel Nederland Tubes BV	Tata Steel Netherlands Holdings B.V.
Country of incorporation or residence of subsidiary	Netherlands	Netherlands	Netherlands	Netherlands
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(54)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 111	Subsidiary 112		Subsidiary 113
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel Netherlands Holdings B.V.	Tata Steel Norway Byggsystemer A/S	Tata Steel Norway Byggsystemer A/S	Tata Steel UK Consulting Limited
Country of incorporation or residence of subsidiary	Netherlands	Norway	Norway	United Kingdom
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(55)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 113	Subsidiary 114		Subsidiary 115
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel UK Consulting Limited	Tata Steel UK Holdings Limited	Tata Steel UK Holdings Limited	Tata Steel UK Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	United Kingdom	United Kingdom
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(56)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 115	Subsidiary 116		Subsidiary 117
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel UK Limited	Tata Steel USA Inc.	Tata Steel USA Inc.	The Newport And South Wales Tube Company Limited
Country of incorporation or residence of subsidiary	United Kingdom	United States of America	United States of America	United Kingdom
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(57)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 117	Subsidiary 118		Subsidiary 119
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	The Newport And South Wales Tube Company Limited	Thomas Processing Company	Thomas Processing Company	Thomas Steel Strip Corp.
Country of incorporation or residence of subsidiary	United Kingdom	United States of America	United States of America	United States of America
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(58)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 119	Subsidiary 120		Subsidiary 121
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Thomas Steel Strip Corp.	TS South Africa Sales Office Proprietary Limited	TS South Africa Sales Office Proprietary Limited	Tulip UK Holdings (No.2) Limited
Country of incorporation or residence of subsidiary	United States of America	South Africa	South Africa	United Kingdom
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(59)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 121	Subsidiary 122		Subsidiary 123
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tulip UK Holdings (No.2) Limited	Tulip UK Holdings (No.3) Limited	Tulip UK Holdings (No.3) Limited	UK Steel Enterprise Limited
Country of incorporation or residence of subsidiary	United Kingdom	United Kingdom	United Kingdom	United Kingdom
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(60)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 123	Subsidiary 124		Subsidiary 125
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	UK Steel Enterprise Limited	Unitol SAS	Unitol SAS	AI Rimal Mining LLC
Country of incorporation or residence of subsidiary	United Kingdom	France	France	Oman
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	70.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	70.00%

Disclosure of subsidiaries [Table]

..(61)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 125	Subsidiary 126		Subsidiary 127
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	AI Rimal Mining LLC	TSMUK Limited	TSMUK Limited	Tata Steel Minerals Canada Limited
Country of incorporation or residence of subsidiary	Oman	United Kingdom	United Kingdom	Canada
Proportion of ownership interest in subsidiary	70.00%	100.00%	100.00%	82.00%
Proportion of voting rights held in subsidiary	70.00%	100.00%	100.00%	82.00%

Disclosure of subsidiaries [Table]

..(62)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 127	Subsidiary 128		Subsidiary 129
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel Minerals Canada Limited	TS Canada Capital Limited	TS Canada Capital Limited	(A) Tata Steel Manufacturing (Thailand) Public Company Limited
Country of incorporation or residence of subsidiary	Canada	Canada	Canada	Thailand
Proportion of ownership interest in subsidiary	82.00%	100.00%	100.00%	99.90%
Proportion of voting rights held in subsidiary	82.00%	100.00%	100.00%	99.90%

Footnotes

(A) Formerly N.T.S Steel Group Public Limited Company

Disclosure of subsidiaries [Table]

..(63)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 129	Subsidiary 130	Subsidiary 131	
	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	(A) Tata Steel Manufacturing (Thailand) Public Company Limited	Tata Steel International (Asia) Limited	Tata Steel International (Shanghai) Ltd.	Tata Steel International (Shanghai) Ltd.
Country of incorporation or residence of subsidiary	Thailand	Hong Kong S.A.R	China	China
Proportion of ownership interest in subsidiary	99.90%	0.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	99.90%	0.00%	100.00%	100.00%

Footnotes

(A) Formerly N.T.S Steel Group Public Limited Company

Disclosure of subsidiaries [Table]

..(64)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 132		Subsidiary 133	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Tata Steel (Thailand) Public Company Limited	Tata Steel (Thailand) Public Company Limited	T S Global Procurement Company Pte. Ltd.	T S Global Procurement Company Pte. Ltd.
Country of incorporation or residence of subsidiary	Thailand	Thailand	Singapore	Singapore
Proportion of ownership interest in subsidiary	67.90%	67.90%	100.00%	100.00%
Proportion of voting rights held in subsidiary	67.90%	67.90%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(65)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 134		Subsidiary 135	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	TATA STEEL ADVANCED MATERIALS LIMITED	(A) TATA STEEL ADVANCED MATERIALS LIMITED	TATA STEEL DOWNSTREAM PRODUCTS LIMITED	TATA STEEL DOWNSTREAM PRODUCTS LIMITED
CIN of subsidiary company	U74110MH2012PLC232512	U74110MH2012PLC232512	U27109WB1997PLC084005	U27109WB1997PLC084005
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Footnotes

(A) Formerly Tata Steel Odisha Limited

Disclosure of subsidiaries [Table]

..(66)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 136		Subsidiary 137	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	TAYO ROLLS LIMITED	TAYO ROLLS LIMITED	THE TATA PIGMENTS LIMITED	THE TATA PIGMENTS LIMITED
CIN of subsidiary company	L27105JH1968PLC000818	L27105JH1968PLC000818	U24100JH1983PLC001836	U24100JH1983PLC001836
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
Proportion of ownership interest in subsidiary	54.91%	54.91%	100.00%	100.00%
Proportion of voting rights held in subsidiary	54.91%	54.91%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(67)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 138		Subsidiary 139	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	THE TINPLATE COMPANY OF INDIA LTD	THE TINPLATE COMPANY OF INDIA LTD	TATA STEEL FOUNDATION	TATA STEEL FOUNDATION
CIN of subsidiary company	L28112WB1920PLC003606	L28112WB1920PLC003606	U85300MH2016NPL284815	U85300MH2016NPL284815
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
Proportion of ownership interest in subsidiary	74.96%	74.96%	100.00%	100.00%
Proportion of voting rights held in subsidiary	74.96%	74.96%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(68)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 140		Subsidiary 141	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	JAMSHEDPUR FOOTBALL AND SPORTING PRIVATE LIMITED	JAMSHEDPUR FOOTBALL AND SPORTING PRIVATE LIMITED	BHUBANESHWAR POWER PRIVATE LIMITED	BHUBANESHWAR POWER PRIVATE LIMITED
CIN of subsidiary company	U92490MH2017PTC297047	U92490MH2017PTC297047	U40109TG2006PTC050759	U40109TG2006PTC050759
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(69)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 142	Subsidiary 143	Subsidiary 144	
	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	BAMNIPAL STEEL LIMITED	TATA STEEL BSL LIMITED	ANGUL ENERGY LIMITED	ANGUL ENERGY LIMITED
CIN of subsidiary company	U27310MH2018PLC304494	L74899DL1983PLC014942	U40105DL2005PLC140748	U40105DL2005PLC140748
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
Proportion of ownership interest in subsidiary	0.00%	0.00%	99.99%	99.99%
Proportion of voting rights held in subsidiary	0.00%	0.00%	99.99%	99.99%

Disclosure of subsidiaries [Table]

..(70)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 145		Subsidiary 146	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	(A) TATA STEEL SUPPORT SERVICES LIMITED	(B) TATA STEEL SUPPORT SERVICES LIMITED	Bhushan Steel (South) Limited	Bhushan Steel (South) Limited
CIN of subsidiary company	U93000DL2010PLC202028	U93000DL2010PLC202028	U27100DL2010PLC202027	U27100DL2010PLC202027
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Footnotes

(A) Formerly Bhushan Steel (Orissa) Ltd.

(B) Formerly Bhushan Steel (Orissa) Ltd.

Disclosure of subsidiaries [Table]

..(71)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 147		Subsidiary 148	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	(A) TATA STEEL TECHNICAL SERVICES LIMITED	(B) TATA STEEL TECHNICAL SERVICES LIMITED	Bhushan Steel (Australia) PTY Ltd.	Bhushan Steel (Australia) PTY Ltd.
CIN of subsidiary company	U93000DL2010PLC202026	U93000DL2010PLC202026		
Country of incorporation or residence of subsidiary	INDIA	INDIA	Australia	Australia
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Footnotes

(A) Formerly Bhushan Steel (Madhya Bharat) Ltd.

(B) Formerly Bhushan Steel (Madhya Bharat) Ltd.

Disclosure of subsidiaries [Table]

..(72)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 149		Subsidiary 150	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Bowen Energy PTY Ltd.	Bowen Energy PTY Ltd.	Bowen Coal PTY Ltd.	Bowen Coal PTY Ltd.
Country of incorporation or residence of subsidiary	Australia	Australia	Australia	Australia
Proportion of ownership interest in subsidiary	100.00%	100.00%	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%	100.00%	100.00%

Disclosure of subsidiaries [Table]

..(73)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 151	Subsidiary 152		Subsidiary 153
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	Bowen Consolidated PTY Ltd.	CREATIVE PORT DEVELOPMENT PRIVATE LIMITED	CREATIVE PORT DEVELOPMENT PRIVATE LIMITED	SUBARNAREKHA PORT PRIVATE LIMITED
CIN of subsidiary company		U63032WB2006PTC246176	U63032WB2006PTC246176	U45203OR2008PTC010351
Country of incorporation or residence of subsidiary	Australia	INDIA	INDIA	INDIA
Proportion of ownership interest in subsidiary	100.00%	51.00%	51.00%	50.67%
Proportion of voting rights held in subsidiary	100.00%	51.00%	51.00%	50.67%

Disclosure of subsidiaries [Table]

..(74)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 153	Subsidiary 154		Subsidiary 155
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	SUBARNAREKHA PORT PRIVATE LIMITED	MEDICALS HOSPITAL PRIVATE LIMITED	MEDICALS HOSPITAL PRIVATE LIMITED	CERAMAT PRIVATE LIMITED
CIN of subsidiary company	U45203OR2008PTC010351	U85110OR2014PTC018162	U85110OR2014PTC018162	U26990MH2021PTC370837
Country of incorporation or residence of subsidiary	INDIA	INDIA	INDIA	INDIA
Proportion of ownership interest in subsidiary	50.63%	51.00%	51.00%	90.00%
Proportion of voting rights held in subsidiary	50.63%	51.00%	51.00%	90.00%

Disclosure of subsidiaries [Table]

..(75)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 155	Subsidiary 156		Subsidiary 157
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]				
Disclosure of subsidiaries [Line items]				
Name of subsidiary	CERAMAT PRIVATE LIMITED	Fischer Profil Produktions-und-Vertriebs-GmbH	Fischer Profil Produktions-und-Vertriebs-GmbH	Neelachal Ispat Nigam Ltd
CIN of subsidiary company	U26990MH2021PTC370837			U27109OR1982PLC001050
Country of incorporation or residence of subsidiary	INDIA	Germany	Germany	INDIA
Proportion of ownership interest in subsidiary	90.00%	100.00%	100.00%	74.67%
Proportion of voting rights held in subsidiary	90.00%	100.00%	100.00%	74.67%

Disclosure of subsidiaries [Table]

..(76)

Unless otherwise specified, all monetary values are in Crores of INR

Subsidiaries [Axis]	Subsidiary 158	Subsidiary 159
	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023
Disclosure of subsidiaries [Abstract]		
Disclosure of subsidiaries [Line items]		
Name of subsidiary	Tata Steel TABB Limited	S & T Mining Company Limited
CIN of subsidiary company	U28999MH2022PLC383152	U13100WB2008PLC129436
Country of incorporation or residence of subsidiary	INDIA	INDIA
Proportion of ownership interest in subsidiary	100.00%	100.00%
Proportion of voting rights held in subsidiary	100.00%	100.00%

Disclosure of joint ventures [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 1		Joint Venture 2	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of joint ventures [Abstract]				
Disclosure of joint ventures [Line items]				
Name of joint venture	Minas De Benga (Mauritius) Limited	Minas De Benga (Mauritius) Limited	HIMALAYA STEEL MILL SERVICES PRIVATE LIMITED	HIMALAYA STEEL MILL SERVICES PRIVATE LIMITED
CIN of joint venture			U74900JH2009PTC000689	U74900JH2009PTC000689
Country of incorporation of joint venture	Mauritius	Mauritius	INDIA	INDIA
Proportion of ownership interest in joint venture	35.00%	35.00%	26.00%	26.00%
Proportion of voting rights held in joint venture	35.00%	35.00%	26.00%	26.00%

Disclosure of joint ventures [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 3		Joint Venture 4	Joint Venture 5
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of joint ventures [Abstract]				
Disclosure of joint ventures [Line items]				
Name of joint venture	MJUNCTION SERVICES LIMITED	MJUNCTION SERVICES LIMITED	S & T MINING COMPANY LIMITED	TATA BLUESCOPE STEEL PRIVATE LIMITED
CIN of joint venture	U00000WB2001PLC115841	U00000WB2001PLC115841	U13100WB2008PLC129436	U45209PN2005PTC020270
Country of incorporation of joint venture	INDIA	INDIA	INDIA	INDIA
Proportion of ownership interest in joint venture	50.00%	50.00%	50.00%	50.00%
Proportion of voting rights held in joint venture	50.00%	50.00%	50.00%	50.00%

Disclosure of joint ventures [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 5	Joint Venture 6		Joint Venture 7
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of joint ventures [Abstract]				
Disclosure of joint ventures [Line items]				
Name of joint venture	TATA BLUESCOPE STEEL PRIVATE LIMITED	BlueScope Lysaght Lanka (Pvt) Ltd	BlueScope Lysaght Lanka (Pvt) Ltd	TATA NYK SHIPPING PTE LTD.
CIN of joint venture	U45209PN2005PTC020270			
Country of incorporation of joint venture	INDIA	Sri Lanka	Sri Lanka	SINGAPORE
Proportion of ownership interest in joint venture	50.00%	50.00%	100.00%	50.00%
Proportion of voting rights held in joint venture	50.00%	50.00%	100.00%	50.00%

Disclosure of joint ventures [Table]

..(4)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 7	Joint Venture 8		Joint Venture 9
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of joint ventures [Abstract]				
Disclosure of joint ventures [Line items]				
Name of joint venture	TATA NYK SHIPPING PTE LTD.	TATA NYK SHIPPING (INDIA) PRIVATE LIMITED	TATA NYK SHIPPING (INDIA) PRIVATE LIMITED	NABA DIGANTA WATER MANAGEMENT LIMITED
CIN of joint venture		U61100WB2007PTC118354	U61100WB2007PTC118354	U93010WB2008PLC121573
Country of incorporation of joint venture	SINGAPORE	INDIA	INDIA	INDIA
Proportion of ownership interest in joint venture	50.00%	50.00%	100.00%	74.00%
Proportion of voting rights held in joint venture	50.00%	50.00%	100.00%	74.00%

Disclosure of joint ventures [Table]

..(5)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 9	Joint Venture 10		Joint Venture 11
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of joint ventures [Abstract]				
Disclosure of joint ventures [Line items]				
Name of joint venture	NABA DIGANTA WATER MANAGEMENT LIMITED	JAMSHEDPUR CONTINUOUS ANNEALING & PROCESSING COMPANY PRIVATE LIMITED	JAMSHEDPUR CONTINUOUS ANNEALING & PROCESSING COMPANY PRIVATE LIMITED	TM INTERNATIONAL LOGISTICS LIMITED
CIN of joint venture	U93010WB2008PLC121573	U27310WB2011PTC160845	U27310WB2011PTC160845	U63090WB2002PLC094134
Country of incorporation of joint venture	INDIA	INDIA	INDIA	INDIA
Proportion of ownership interest in joint venture	74.00%	51.00%	51.00%	51.00%
Proportion of voting rights held in joint venture	74.00%	51.00%	51.00%	51.00%

Disclosure of joint ventures [Table]

..(6)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 11	Joint Venture 12		Joint Venture 13
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of joint ventures [Abstract]				
Disclosure of joint ventures [Line items]				
Name of joint venture	TM INTERNATIONAL LOGISTICS LIMITED	International Shipping and Logistics FZE	International Shipping and Logistics FZE	TKM Global China Ltd
CIN of joint venture	U63090WB2002PLC094134			
Country of incorporation of joint venture	INDIA	United Arab Emirates	United Arab Emirates	China
Proportion of ownership interest in joint venture	51.00%	51.00%	100.00%	51.00%
Proportion of voting rights held in joint venture	51.00%	51.00%	100.00%	51.00%

Disclosure of joint ventures [Table]

..(7)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 13	Joint Venture 14		Joint Venture 15
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of joint ventures [Abstract]				
Disclosure of joint ventures [Line items]				
Name of joint venture	TKM Global China Ltd	TKM Global GmbH	TKM Global GmbH	TKM GLOBAL LOGISTICS LIMITED
CIN of joint venture				U51109WB1991PLC051941
Country of incorporation of joint venture	China	Germany	Germany	INDIA
Proportion of ownership interest in joint venture	100.00%	51.00%	100.00%	51.00%
Proportion of voting rights held in joint venture	100.00%	51.00%	100.00%	51.00%

Disclosure of joint ventures [Table]

..(8)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 15	Joint Venture 16		Joint Venture 17
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of joint ventures [Abstract]				
Disclosure of joint ventures [Line items]				
Name of joint venture	TKM GLOBAL LOGISTICS LIMITED	INDUSTRIAL ENERGY LIMITED	INDUSTRIAL ENERGY LIMITED	JAMIPOL LIMITED
CIN of joint venture	U51109WB1991PLC051941	U74999MH2007PLC167623	U74999MH2007PLC167623	U24111JH1995PLC009020
Country of incorporation of joint venture	INDIA	INDIA	INDIA	INDIA
Proportion of ownership interest in joint venture	100.00%	26.00%	26.00%	40.22%
Proportion of voting rights held in joint venture	100.00%	26.00%	26.00%	40.22%

Disclosure of joint ventures [Table]

..(9)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 17	Joint Venture 18		Joint Venture 19
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of joint ventures [Abstract]				
Disclosure of joint ventures [Line items]				
Name of joint venture	JAMIPOL LIMITED	NICCO JUBILEE PARK LIMITED	NICCO JUBILEE PARK LIMITED	Laura Metaal Holding B.V.
CIN of joint venture	U24111JH1995PLC009020	U45201WB2001PLC092842	U45201WB2001PLC092842	
Country of incorporation of joint venture	INDIA	INDIA	INDIA	NETHERLANDS
Proportion of ownership interest in joint venture	39.78%	25.31%	25.31%	49.00%
Proportion of voting rights held in joint venture	39.78%	25.31%	25.31%	49.00%

Disclosure of joint ventures [Table]

..(10)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 19	Joint Venture 20		Joint Venture 21
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of joint ventures [Abstract]				
Disclosure of joint ventures [Line items]				
Name of joint venture	Laura Metaal Holding B.V.	Ravenscraig Limited	Ravenscraig Limited	Tata Steel Ticaret AS
Country of incorporation of joint venture	NETHERLANDS	UNITED KINGDOM	UNITED KINGDOM	TURKEY
Proportion of ownership interest in joint venture	49.00%	33.33%	33.33%	50.00%
Proportion of voting rights held in joint venture	49.00%	33.33%	33.33%	50.00%

Disclosure of joint ventures [Table]

..(11)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 21	Joint Venture 22		Joint Venture 23
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of joint ventures [Abstract]				
Disclosure of joint ventures [Line items]				
Name of joint venture	Tata Steel Ticaret AS	Air Products Llanwern Limited	Air Products Llanwern Limited	Texturing Technology Limited
Country of incorporation of joint venture	TURKEY	UNITED KINGDOM	UNITED KINGDOM	UNITED KINGDOM
Proportion of ownership interest in joint venture	50.00%	50.00%	50.00%	50.00%
Proportion of voting rights held in joint venture	50.00%	50.00%	50.00%	50.00%

Disclosure of joint ventures [Table]

..(12)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 23	Joint Venture 24		Joint Venture 25
	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023
Disclosure of joint ventures [Abstract]				
Disclosure of joint ventures [Line items]				
Name of joint venture	Texturing Technology Limited	Hoogovens Court Roll Service Technologies VOF	Hoogovens Court Roll Service Technologies VOF	ANDAL EAST COAL COMPANY PRIVATE LIMITED
CIN of joint venture				U10300WB2009PTC138558
Country of incorporation of joint venture	UNITED KINGDOM	Netherlands	Netherlands	INDIA
Proportion of ownership interest in joint venture	50.00%	50.00%	50.00%	33.89%
Proportion of voting rights held in joint venture	50.00%	50.00%	50.00%	33.89%

Disclosure of joint ventures [Table]

..(13)

Unless otherwise specified, all monetary values are in Crores of INR

Joint ventures [Axis]	Joint Venture 25
	01/04/2021 to 31/03/2022
Disclosure of joint ventures [Abstract]	
Disclosure of joint ventures [Line items]	
Name of joint venture	ANDAL EAST COAL COMPANY PRIVATE LIMITED
CIN of joint venture	U10300WB2009PTC138558
Country of incorporation of joint venture	INDIA
Proportion of ownership interest in joint venture	33.89%
Proportion of voting rights held in joint venture	33.89%

Disclosure of associates [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Associates [Axis]	Associate 1		Associate 2	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of associates [Abstract]				
Disclosure of associates [Line items]				
Name of associate entity	KALINGA AQUATIC LTD	KALINGA AQUATIC LTD	KUMARDHUBI FIRECLAY & SILICA WORKS LTD	KUMARDHUBI FIRECLAY & SILICA WORKS LTD
CIN of associate entity	U05004OR1989PLC002356	U05004OR1989PLC002356	U45209WB1915PLC002601	U45209WB1915PLC002601
Country of incorporation of associate	INDIA	INDIA	INDIA	INDIA
Proportion of ownership interest in associate	30.00%	30.00%	27.78%	27.78%
Proportion of voting rights held in associate	30.00%	30.00%	27.78%	27.78%

Disclosure of associates [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Associates [Axis]	Associate 3		Associate 4	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of associates [Abstract]				
Disclosure of associates [Line items]				
Name of associate entity	KUMARDHUBI METAL CASTING AND ENGINEERING LIMITED	KUMARDHUBI METAL CASTING AND ENGINEERING LIMITED	Strategic Energy Technology Systems Private Limited	Strategic Energy Technology Systems Private Limited
CIN of associate entity	U27100JH1983PLC001890	U27100JH1983PLC001890	U72900MH2006PTC163193	U72900MH2006PTC163193
Country of incorporation of associate	INDIA	INDIA	INDIA	INDIA
Proportion of ownership interest in associate	49.31%	49.31%	25.00%	25.00%
Proportion of voting rights held in associate	49.31%	49.31%	25.00%	25.00%

Disclosure of associates [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Associates [Axis]	Associate 5		Associate 6	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of associates [Abstract]				
Disclosure of associates [Line items]				
Name of associate entity	Tata Construction & Projects Ltd.	Tata Construction & Projects Ltd.	TRF LIMITED.	TRF LIMITED.
CIN of associate entity			L74210JH1962PLC000700	L74210JH1962PLC000700
Country of incorporation of associate			INDIA	INDIA
Proportion of ownership interest in associate	27.19%	27.19%	34.11%	34.11%
Proportion of voting rights held in associate	27.19%	27.19%	34.11%	34.11%

Disclosure of associates [Table]

..(4)

Unless otherwise specified, all monetary values are in Crores of INR

Associates [Axis]	Associate 7		Associate 8	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of associates [Abstract]				
Disclosure of associates [Line items]				
Name of associate entity	TRF Singapore Pte Limited	TRF Singapore Pte Limited	TRF Holding Pte Limited	TRF Holding Pte Limited
Country of incorporation of associate	Singapore	Singapore	Singapore	Singapore
Proportion of ownership interest in associate	34.11%	100.00%	34.11%	100.00%
Proportion of voting rights held in associate	34.11%	100.00%	34.11%	100.00%

Disclosure of associates [Table]

..(5)

Unless otherwise specified, all monetary values are in Crores of INR

Associates [Axis]	Associate 9		Associate 10	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of associates [Abstract]				
Disclosure of associates [Line items]				
Name of associate entity	Dutch Lanka Trailer Manufactures Limited	Dutch Lanka Trailer Manufactures Limited	Dutch Lanka Engineering (Private) Limited	Dutch Lanka Engineering (Private) Limited
Country of incorporation of associate	Sri Lanka	Sri Lanka	Sri Lanka	Sri Lanka
Proportion of ownership interest in associate	34.11%	100.00%	34.11%	100.00%
Proportion of voting rights held in associate	34.11%	100.00%	34.11%	100.00%

Disclosure of associates [Table]

..(6)

Unless otherwise specified, all monetary values are in Crores of INR

Associates [Axis]	Associate 11		Associate 12	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of associates [Abstract]				
Disclosure of associates [Line items]				
Name of associate entity	MALUSHA TRAVELS PVT LTD	MALUSHA TRAVELS PVT LTD	European Profiles (M) Sdn. Bhd.	European Profiles (M) Sdn. Bhd.
CIN of associate entity	U63040MH1988PTC049514	U63040MH1988PTC049514		
Country of incorporation of associate	INDIA	INDIA	MALAYSIA	MALAYSIA
Proportion of ownership interest in associate	33.23%	33.23%	20.00%	20.00%
Proportion of voting rights held in associate	33.23%	33.23%	20.00%	20.00%

Disclosure of associates [Table]

..(7)

Unless otherwise specified, all monetary values are in Crores of INR

Associates [Axis]	Associate 13		Associate 14	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of associates [Abstract]				
Disclosure of associates [Line items]				
Name of associate entity	Gietwals Onderhoud Combinatie B.V.	Gietwals Onderhoud Combinatie B.V.	Hoogovens Gan Multimedia S.A. De C.V.	Hoogovens Gan Multimedia S.A. De C.V.
Country of incorporation of associate	Netherlands	Netherlands	Mexico	Mexico
Proportion of ownership interest in associate	50.00%	50.00%	50.00%	50.00%
Proportion of voting rights held in associate	50.00%	50.00%	50.00%	50.00%

Disclosure of associates [Table]

..(8)

Unless otherwise specified, all monetary values are in Crores of INR

Associates [Axis]	Associate 15		Associate 16	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of associates [Abstract]				
Disclosure of associates [Line items]				
Name of associate entity	ISSB Limited	ISSB Limited	Wupperman Staal Nederland B.V.	Wupperman Staal Nederland B.V.
Country of incorporation of associate	UNITED KINGDOM	UNITED KINGDOM	Netherlands	Netherlands
Proportion of ownership interest in associate	50.00%	50.00%	30.00%	30.00%
Proportion of voting rights held in associate	50.00%	50.00%	30.00%	30.00%

Disclosure of associates [Table]

..(9)

Unless otherwise specified, all monetary values are in Crores of INR

Associates [Axis]	Associate 17		Associate 18	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of associates [Abstract]				
Disclosure of associates [Line items]				
Name of associate entity	Fabsec Limited	Fabsec Limited	9336-0634 Quebec Inc	9336-0634 Quebec Inc
Country of incorporation of associate	UNITED KINGDOM	UNITED KINGDOM	CANADA	CANADA
Proportion of ownership interest in associate	25.00%	25.00%	27.33%	33.33%
Proportion of voting rights held in associate	25.00%	25.00%	27.33%	33.33%

Disclosure of associates [Table]

..(10)

Unless otherwise specified, all monetary values are in Crores of INR

Associates [Axis]	Associate 19		Associate 20	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of associates [Abstract]				
Disclosure of associates [Line items]				
Name of associate entity	Bhushan Capital & Credit Services Private Limited	Bhushan Capital & Credit Services Private Limited	Jawahar Credit & Holdings Private Limited	Jawahar Credit & Holdings Private Limited
CIN of associate entity	U74899DL1993PTC054636	U74899DL1993PTC054636	U74899DL1993PTC054635	U74899DL1993PTC054635
Country of incorporation of associate	INDIA	INDIA	INDIA	INDIA
Proportion of ownership interest in associate	42.58%	42.58%	39.65%	39.65%
Proportion of voting rights held in associate	42.58%	42.58%	39.65%	39.65%

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of separate financial statements [TextBlock]		
Disclosure of subsidiaries [TextBlock]		
Disclosure of joint ventures [TextBlock]		
Disclosure of associates [TextBlock]		
Method used to account for investments in subsidiaries	Equity method	Equity method
Method used to account for investments in joint ventures	Equity method	Equity method
Method used to account for investments in associates	Equity method	Equity method

[610800] Notes - Related party

Disclosure of transactions between related parties [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Categories of related parties [Axis]	Subsidiaries [Member]	
Related party [Axis]	Related Party 1	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of transactions between related parties [Abstract]		
Disclosure of transactions between related parties [Line items]		
Name of related party	-	-
Description of nature of transactions with related party	-	-
Description of nature of related party relationship	Other related parties	Other related parties
Related party transactions [Abstract]		
Other related party transactions expense	0	0
Outstanding balances for related party transactions [Abstract]		
Amounts receivable related party transactions	0	0

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of related party [TextBlock]	Textual information (116) [See below]	
Whether there are any related party transactions during year	Yes	Yes
Disclosure of transactions between related parties [TextBlock]		
Whether entity applies exemption in Ind AS 24.25	No	No
Whether company is subsidiary company	No	No

Textual information (116)

Disclosure of related party [Text Block]

Related party transactions

The Company's related parties primarily consist of its subsidiaries, associates, joint ventures and Tata Sons Private Limited including its subsidiaries and joint ventures. The Company routinely enters into transactions with these related parties in the ordinary course of business at market rates and terms.

The following table summarises related party transactions and balances included in the financial statements of the Company for the year ended as at March 31, 2023 and March 31, 2022:

					(Rs. crore)
	Subsidiaries	Associates	Joint Ventures	Tata Sons Private Limited, its subsidiaries and joint ventures	Total
Purchase of goods	39,672.82	44.54	311.93	339.90	40,369.19
	26,063.59	33.14	269.16	412.26	26,778.15
Sale of goods#	11,474.59	4.75	5,337.08	153.96	16,970.38
	11,968.38	3.88	4,555.60	351.03	16,878.89
Services received	3,220.57	70.00	1,919.40	477.61	5,687.58
	2,463.32	41.12	1,525.32	493.86	4,523.62
Services rendered	492.46	0.11	27.48	1.07	521.12
	189.55	0.04	23.88	34.21	247.68
Interest income recognised	2,603.67	9.03	0.00	-	2,612.70
	862.50	-	-	-	862.50
Dividend paid(vi)	5.96	-	-	2,061.39	2,067.35
	2.92	-	-	1,011.07	1,013.99
Dividend received	234.93	-	26.83	12.38	274.14
	113.89	-	109.64	12.54	236.07
Provision/(reversal) recognised for receivables during the year	1.13	(99.88)	(0.20)	0.04	(98.91)
	(4.00)	99.95	(0.71)	-	95.24
Management contracts*	145.05	5.57	13.92	102.27	266.81
	78.29	5.43	8.18	148.42	240.32
Sale of investments	1,112.41	-	-	-	1,112.41
	760.76	-	-	-	760.76
Finance provided during the year (net of repayments)	2,071.28	164.00	-	-	2,235.28

	35,439.67	100.00	0.46	-	35,540.13
Outstanding loans and receivables	40,460.79	2.79	130.11	50.42	40,644.11
	35,302.03	119.81	131.92	27.25	35,581.01
Provision for outstanding loans and receivables	655.40	0.15	1.48	0.09	657.12
	654.27	100.03	1.65	0.05	756.00
Outstanding payables	8,849.24	21.56	348.52	207.23	9,426.55
	13,267.52	8.95	317.22	172.09	13,765.78
Guarantees provided outstanding	10,679.60	-	167.55	-	10,847.15
	9,738.75	-	177.18	-	9,915.93
Purchase of Assets	6.39	-	-	-	6.39
	1.95	-	-	-	1.95
Sale of Fixed Assets	10.27	-	-	-	10.27
	1.05	-	-	-	1.05

Figures in italics represents comparative figures of previous year.

#Includes sale of power and water

*Primarily includes recharges on account of deputation of employees and brand equity due to Tata Sons Private Limited.

(i) The details of remuneration paid to key managerial personnel and payment to non-executive directors are provided in note 28, page F89 & note 31, page F90 respectively.

The Company has paid dividend of Rs.1,73,298.00 (2021-22: Rs.84,950.00) to key managerial personnel and Rs.33,609.00 (2021-22: Rs.16,475.00) to relatives of key managerial personnel during the year ended March 31, 2023.

(ii) During the year ended March 31, 2023, the Company has contributed Rs.548.76 crore (2021-22: Rs.308.89 crore) to post employment benefit plans.

As at March 31, 2023, amount receivable from post-employment benefit fund is Rs.137.98 crore (March 31, 2022: Rs.171.30 crore) on account of retirement benefit obligations paid by the Company directly.

(iii) Details of investments made by the Company in preference shares of its subsidiaries and associates is disclosed in note 6, page F50.

(iv) Commitments with respect to subsidiaries, associates and joint ventures is disclosed in note 35B, page F104.

(v) Transactions with joint ventures have been disclosed at full value and not at their proportionate share.

(vi) Dividend paid includes Rs.2,022.19 crore (2021-22: Rs.991.27 crore) paid to Tata Sons Private Limited.

[611700] Notes - Other provisions, contingent liabilities and contingent assets**Disclosure of contingent liabilities [Table]**

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of contingent liabilities [Axis]	Contingent liabilities [Member]		Other contingent liabilities [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of contingent liabilities [Abstract]				
Disclosure of contingent liabilities [Line items]				
Description of nature of obligation, contingent liabilities	Total	Total	Other contingent liabilities	Other contingent liabilities
Estimated financial effect of contingent liabilities	33,681.21	30,288.32	33,681.21	30,288.32
Description of other contingent liabilities others	Other Taxes, Dues and Claims	Other Taxes, Dues and Claims		

Disclosure of contingent liabilities [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of contingent liabilities [Axis]	Other guarantees given [Member]		Contingent liability on disputed sales tax [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of contingent liabilities [Abstract]				
Disclosure of contingent liabilities [Line items]				
Description of nature of obligation, contingent liabilities	Company has given guarantees	Company has given guarantees	Sales Tax /VAT	Sales Tax /VAT
Estimated financial effect of contingent liabilities	10,848.37	9,866.85	716.71	776.08

Disclosure of contingent liabilities [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of contingent liabilities [Axis]	Contingent liability on disputed income tax [Member]		Contingent liability on disputed custom demands [Member]	
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of contingent liabilities [Abstract]				
Disclosure of contingent liabilities [Line items]				
Description of nature of obligation, contingent liabilities	Income Tax	Income Tax	Customs, Excise Duty and Service Tax	Customs, Excise Duty and Service Tax
Estimated financial effect of contingent liabilities	3,552.39	3,544.68	379.61	310.63

Disclosure of contingent liabilities [Table]

..(4)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of contingent liabilities [Axis]		Other contingent liabilities, others [Member]	
		01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of contingent liabilities [Abstract]			
Disclosure of contingent liabilities [Line items]			
Description of nature of obligation, contingent liabilities		Other Taxes, Dues and Claims	Other Taxes, Dues and Claims
Estimated financial effect of contingent liabilities		18,184.13	15,790.08

Disclosure of other provisions [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of other provisions [Axis]	Other provisions [Member]			Other provisions, others [Member]
	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023
Disclosure of other provisions [Abstract]				
Disclosure of other provisions [Line items]				
Reconciliation of changes in other provisions [Abstract]				
Changes in other provisions [Abstract]				
Additional provisions, other provisions [Abstract]				
New provisions, other provisions	37.09	33.13		37.09
Total additional provisions, other provisions	37.09	33.13		37.09
Provision used, other provisions	0.6	4.06		0.6
Total changes in other provisions	36.49	29.07		36.49
Other provisions at end of period	1,313.29	1,276.8	1,247.73	1,313.29
Description of nature of obligation, other provisions	Others	Others		Others
Description of other provisions, others	Others	Others		Others

Disclosure of other provisions [Table]

..(2)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of other provisions [Axis]	Other provisions, others [Member]		Other provisions, others 1 [Member]	
	01/04/2021 to 31/03/2022	31/03/2021	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of other provisions [Abstract]				
Disclosure of other provisions [Line items]				
Reconciliation of changes in other provisions [Abstract]				
Changes in other provisions [Abstract]				
Additional provisions, other provisions [Abstract]				
New provisions, other provisions	33.13		37.09	33.13
Total additional provisions, other provisions	33.13		37.09	33.13
Provision used, other provisions	4.06		0.6	4.06
Total changes in other provisions	29.07		36.49	29.07
Other provisions at end of period	1,276.8	1,247.73	1,313.29	1,276.8
Description of nature of obligation, other provisions	Others		Others	Others
Description of other provisions, others	Others		Others	Others

Disclosure of other provisions [Table]

..(3)

Unless otherwise specified, all monetary values are in Crores of INR

Classes of other provisions [Axis]	Other provisions, others 1 [Member]
	31/03/2021
Disclosure of other provisions [Abstract]	
Disclosure of other provisions [Line items]	
Reconciliation of changes in other provisions [Abstract]	
Other provisions at end of period	1,247.73

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of other provisions, contingent liabilities and contingent assets [TextBlock]		
Disclosure of other provisions [TextBlock]	Textual information (117) [See below]	
Disclosure of contingent liabilities [TextBlock]	Textual information (118) [See below]	
Whether there are any contingent liabilities	Yes	Yes
Description of other contingent liabilities others	Other Taxes, Dues and Claims	Other Taxes, Dues and Claims

Textual information (117)

Disclosure of other provisions [Text Block]

(i) Non-current and current provision for employee benefits include provision for leave salaries Rs.1,202.70 crore (March 31, 2022: Rs.1,228.46 crore) and provision for early separation scheme Rs.1,101.22 crore (March 31, 2022: Rs.1,245.08 crore).

(ii) As per the leave policy of the Company, an employee is entitled to be paid the accumulated leave balance on separation. The Company presents provision for leave salaries as current and non-current based on actuarial valuation considering estimates of availment of leave, separation of employee etc.

(iii) Non-current and current other provisions include:

(a) provision for compensatory afforestation, mine closure and rehabilitation obligations Rs.1,265.96 crore (March 31, 2022: Rs.1,229.47 crore). These amounts become payable upon closure of the mines and are expected to be incurred over a period of 1 to 44 years.

(b) provision for expected obligations in respect of a loss-making subsidiary Rs.47.33 crore (March 31, 2022: Rs.47.33 crore). The same is expected to be settled within one year from the reporting date.

(iv) The details of movement in other provisions is as below:

		(Rs. crore)
	Year ended March 31, 2023	Year ended March 31, 2022
Balance at the beginning of the year	1,276.80	1,247.73
Recognised/(released) during the year (a)	37.09	33.13
Utilised during the year	(0.60)	(4.06)
Balance at the end of the year	1,313.29	1,276.80

(a) includes provisions capitalised during the year in respect of restoration obligations.

Textual information (118)

Disclosure of contingent liabilities [Text Block]

Contingencies and commitments

A. Contingencies

In the ordinary course of business, the Company faces claims and assertions by various parties. The Company assesses such claims and assertions and monitors the legal environment on an on-going basis with the assistance of external legal counsel, wherever necessary. The Company records a liability for any claims where a potential loss is probable and capable of being estimated and discloses such matters in its financial statements, if material. For potential losses that are considered possible, but not probable, the Company provides disclosure in the financial statements but does not record a liability in its accounts unless the loss becomes probable.

The following is a description of claims and assertions where a potential loss is possible, but not probable. The Company believes that none of the contingencies described below would have a material adverse effect on the Company's financial condition, results of operations or cash flows.

It is not practicable for the Company to estimate the timings of the cash outflows, if any, pending resolution of the respective proceedings. The Company does not expect any reimbursements in respect of the same.

Litigations

The Company is involved in legal proceedings, both as plaintiff and as defendant. There are claims which the Company does not believe to be of a material nature, other than those described below:

Income tax

The Company has ongoing disputes with income tax authorities relating to tax treatment of certain items. These mainly include disallowance of expenses, tax treatment of certain expenses claimed by the Company as deduction and the computation of or eligibility of the Company's use of certain tax incentives or allowances.

Most of these disputes and/or disallowances, being repetitive in nature, have been raised by the income tax authorities consistently in most of the years.

As at March 31, 2023, there are matters and/or disputes pending in appeal amounting to Rs.3,552.39 crore (March 31, 2022: Rs.3,544.68 crore).

The details of significant demands are as below:

(a) Interest expenditure on loans taken by the Company for acquisition of a subsidiary has been disallowed in assessments with tax demand raised for Rs.1,641.64 crore (inclusive of interest) (March 31, 2022: Rs.1,641.64 crore).

(b) Interest expenditure on "Hybrid Perpetual Securities" has been disallowed in assessments with tax demand raised for Rs.484.78 crore (inclusive of interest) (March 31, 2022: Rs.484.78 crore)

In respect of above demands, the Company has deposited an amount of Rs.1,255.63 crore (March 31, 2022: Rs.1,255.63 crore) as a precondition for obtaining stay. The Company expects to sustain its position on ultimate resolution of the said appeals.

Customs, excise duty, service tax and goods and service tax

As at March 31, 2023, there were pending litigations for various matters relating to customs, excise duty, service tax and GST involving demands of Rs.379.61 crore (March 31, 2022: Rs.310.63 crore).

Sales tax /VAT

The total sales tax demands that are being contested by the Company amounted to Rs.716.71 crore (March 31, 2022: Rs.776.08 crore).

The detail of significant demand is as below:

(a) The Company stock transfers its goods manufactured at Jamshedpur works plant to its various depots/ branches located outside the state of Jharkhand across the country and these goods are then sold to various customers outside the states from depots/ branches. As per the erstwhile Central Sales Tax Act, 1956, these transfers of goods to depots/branches were made without payment of Central sales tax and F-Form was submitted in lieu of the stock-transfers made during the period of assessment. The value of these sales was also disclosed in the periodical returns filed as per the Jharkhand Vat Act, 2005. The Commercial Tax Department has raised demand of Central Sales tax by levying tax on the differences between value of sales outside the states and value of F-Form submitted for stock transfers. The tax amount involved for assessment years 2011-12, 2012-13, 2014-15, 2016-17 and 2017-18 as on March 31, 2023 is amounting to Rs.200.00 crore (March 31, 2022: Rs.142.00 crore).

Other taxes, dues and claims

Other amounts for which the Company may contingently be liable aggregate to Rs.18,184.13 crore (March 31, 2022: Rs.15,790.08 crore).

The details of significant demands are as below:

(a) Claim by a party arising out of conversion arrangement Nil (March 31, 2022: Rs.195.79 crore). As on March 31, 2022, the Company had not acknowledged this claim and had instead filed a claim of Rs.141.23 crore (March 31, 2022: Rs.141.23 crore) on the party. The matter has been settled in accordance with the terms of Settlement Agreement dated 31 October 2022 wherein TSL agreed to pay a sum of Rs.42.36 crore to Indian Metal & Ferro Alloys Limited.

(b) The State Government of Odisha introduced "Orissa Rural Infrastructure and Socio Economic Development Act, 2004" with effect from February 2005 levying tax on mineral bearing land computed on the basis of value of minerals produced from the mineral bearing land. The Company had filed a writ petition in the Odisha High Court challenging the validity of the Act. The High Court held in December 2005 that the State does not have authority to levy tax on minerals. The State of Odisha filed an appeal in the Supreme Court against the order of the High Court and the case is pending in Supreme Court. The potential liability, as at March 31, 2023 is Rs.13,084.69 crore (March 31, 2022: Rs.11,023.93 crore).

(c) The Company pays royalty on iron ore on the basis of quantity removed from the leased area at the rates based on notification issued by the Ministry of Mines, Government of India and the price published by Indian Bureau of Mines (IBM) on a monthly basis.

Demand of Rs.411.08 crore has been raised by Deputy Director of Mines, Joda, claiming royalty at sized ore rates on despatches of ore fines. The Company has filed a revision petition on November 14, 2013 before the Mines Tribunal, Government of India, Ministry of Mines, New Delhi, challenging the legality and validity of the demand raised and also to grant refund of royalty excess paid by the Company. Mines tribunal vide its order dated November 13, 2014 has stayed the demand of royalty on iron ore for Joda east of Rs.314.28 crore upto the period ending March 31, 2014. For the demand of Rs.96.80 crore for April, 2014 to September, 2014, a separate revision application was filed before Mines Tribunal. The matter was heard by Mines Tribunal on July 14, 2015 and stay was granted on the total demand with directive to Government of Odisha not to take any coercive action for realisation of the demanded amount.

The Hon'ble High Court of Odisha in a similar matter held the circulars based on which demands were raised to be valid. The Company has challenged the judgment of the High Court by a separate petition in the Hon'ble Supreme Court on April 29, 2016.

On July 16, 2019, the Company has filed rejoinders to the reply filed by State of Odisha against the revision petition. The State pressed for rejection of revision applications citing the judgment of the High Court. The Company represented before the authorities and explained that the judgment was passed under a particular set of facts and circumstances which cannot have blanket application on the Company considering the case of the Company is factually different. On August 7, 2019, the Mines Tribunal decided to await the outcome of Special leave petition pending before the Hon'ble Supreme Court and adjourned the matter.

RAs of TSL was listed on June 10, 2020 for virtual hearing. Hearing was adjourned to November 24, 2020. On November 24, 2020 our Counsel submitted that the present issue is pending before the Hon'ble Supreme Court of India in SLP (C) No. 7206 of 2016, M/s Mideast Integrated Steel Pvt. Ltd. Vs. State of Odisha & Ors. and hence, sought adjournment. State Counsel also agreed for the same.

On October 26, 2022, assessment order (for the period April, 2022 to September, 2022) was served, confirming that royalty will be paid for Calibrated Lump Ore and Fines at their respective prices published by IBM w.e.f. April, 2022.

Likely demand of royalty on fines at sized ore rates as on March 31, 2023 is Rs.2,696.58 crore (March 31, 2022: Rs.2,859.97 crore).

(d) Demand notices were originally issued by the Deputy Director of Mines, Odisha amounting to Rs.3,827.29 crore for excess production over the quantity permitted under the mining plan, environment clearance or consent to operate, pertaining to 2000-01 to 2009-10. The demand notices have been raised under Section 21(5) of the Mines & Minerals (Development and Regulations) Act, 1957 (MMDR). The Company filed revision petitions before the Mines Tribunal against all such demand notices. Initially, a stay of demands was granted, later by order dated October 12, 2017, the issue has been remanded to the state for reconsideration of the demand in the light of Supreme Court judgement passed on August 2, 2017.

The Hon'ble Supreme Court pronounced its judgement in the Common Cause case on August 2, 2017 wherein it directed that compensation equivalent to the price of mineral extracted in excess of environment clearance or without forest clearance from the forest land be paid.

In pursuance to the Judgement of Hon'ble Supreme Court, demand/show cause notices amounting to Rs.3,873.35 crore have been issued during 2017-18 by the Deputy Director of Mines, Odisha and the District Mining Office, Jharkhand.

In respect of the above demands:

- as directed by the Hon'ble Supreme Court, the Company has provided and paid for iron ore and manganese ore an amount of Rs.614.41 crore during 2017-18 for production in excess of environment clearance to the Deputy Director of Mines, Odisha.

- the Company has provided and paid under protest an amount of Rs.56.97 crore during 2017-18 for production in excess of environment clearance to the District Mining Office, Jharkhand.

- the Company has challenged the demands amounting to Rs.132.91 crore in 2017-18 for production in excess of lower of mining plan and consent to operate limits raised by the Deputy Director of Mines, Odisha before the Mines Tribunal and obtained a stay on the matter. Mines Tribunal, Delhi vide order dated November 26, 2018 disposed of all the revision applications with a direction to remand it to the State Government to hear all such cases afresh and pass detailed order. On September 14, 2022, the Dy. Director of Mines, Govt. of Odisha issued a fresh demand against the Company in view of order of the State (Dept. of Steel & Mines) in Proceedings, dated September 8, 2022 directing payment of compensation amount towards unlawful production in the mines in violation of mining plan/ consent to operate limits being a valid demand to be realised from the Revisionist i.e. the Company. Appeal has also been filed against the same on November 3, 2022 with the Ministry of Mines. Demand amount of Rs.132.91 crore (March 31, 2022: Rs.132.91 crore) is considered contingent.

- the Company has made a comprehensive submission before the Deputy Director of Mines, Odisha against show cause notices amounting to Rs.694.02 crore received during 2017-18 for production in violation of mining plan, Environment Protection Act, 1986 and Water (Prevention & Control of Pollution) Act, 1981. A demand amounting to Rs.234.74 crore has been received in April 2018 from the Deputy Director of Mines, Odisha for production in excess of the Environmental Clearance. The Company had filed Revision Application before the Mines Tribunal, challenging the demand. In December 2021, Mines Tribunal upheld the revision petition and the matter was remanded back to the State Government for fresh consideration. The state has so far not initiated any action. Based on the evaluation of the facts and circumstances, the Company has assessed and concluded that the said show cause notice of Rs.694.02 crore and demand of Rs.234.74 crore has not been considered as contingent liability.

- the Company based on its internal assessment has provided an amount of Rs.1,412.89 crore against demand notices amounting to Rs.2,140.30 crore received from the District Mining Office, Jharkhand for producing more than environment clearance and the balance amount of Rs.727.41 crore (March 31, 2022: Rs.727.41 crore) is considered contingent. The Company has however been granted a stay by the Revisional Authority, Ministry of Coal, Government of India against such demand notices.

(e) An agreement was executed between the Government of Odisha (GoO) and the Company in December, 1992 for drawal of water from Kundra Nalla for industrial consumption. In December 1993, the Tahsildar, Barbil issued a show-cause notice alleging that the Company has lifted more quantity of water than the sanctioned limit under the agreement and has also not installed water meter. While the proceedings in this regard were in progress, the Company had applied for allocation of fresh limits.

Over the years, there has also been a steep increase in the water charges against which the Company filed writ petitions before Hon'ble High Court of Odisha. In this regard, the Company has received a demand of Rs.183.46 crore for the period starting January 1996 to November 2020.

The writ petition filed in August, 1997 was listed for hearing before the Full Bench of the Odisha High Court on May 17, 2019. SAIL, one of the petitioners, sought permission to withdraw its writ petition because the settlement was arrived with the State Government on the matter. The High Court allowed withdrawal of writ petition of SAIL and directed other parties to negotiate with the State Government. The Company has submitted its detailed representation to Principal Secretary, Water Resource Department, GoO on June 21, 2019, which is under consideration.

Later on February 6, 2023, Department of water resources, Odisha Government, issued an order, where the Company can opt for one time settlement scheme of long pending outstanding. Application under the scheme should be submitted to the Government within stipulated time i.e., within one month of issue of the order. Under this scheme, the Company should calculate outstanding demand as on March 2022 with 12% p.a. simple interest to be charged on arrear principal only. The payment made by the Company prior to March 31, 2022 shall be adjusted against the outstanding dues in the following order – interest, penalty and principal. In this regard, the Company has computed and provided amount of Rs.37.00 crore as per the scheme in the books.

The potential exposure as on March 31, 2023 is Nil (March 31, 2022: Rs.262.13 crore) is considered as contingent.

B. Commitments

(a) The Company has entered into various contracts with suppliers and contractors for the acquisition of plant and machinery, equipment and various civil contracts of capital nature amounting to Rs.11,955.56 crore (March 31, 2022: Rs.8,699.11 crore).

Other commitments as at March 31, 2023 amount to Rs.0.01 crore (March 31, 2022: Rs.0.01 crore).

(b) The Company has given undertakings to:

(i) IDBI not to dispose of its investment in Wellman Incandescent India Ltd.

(ii) IDBI and ICICI Bank Ltd. (formerly ICICI) not to dispose of its investment in Standard Chrome Ltd

(c) The Company and Bluescope Steel Limited had given undertaking to State Bank of India not to reduce collective shareholding in Tata Bluescope Steel Private Limited (TBSPL), below 51% without prior consent of the lender. Further, the Company had given an undertaking to State Bank of India to intimate them before diluting its shareholding in TBSPL below 50%.

During the year ended March 31, 2021, the Company after obtaining a 'no objection certificate' from the lenders of TBSPL, had transferred its stake of 50% in TBSPL to its 100% owned subsidiary Tata Steel Downstream Products Limited.

(d) The Company, as a promoter, has pledged Nil (March 31, 2022: 4,41,55,800) equity shares of Industrial Energy Limited ("IEL") with Infrastructure Development Finance Corporation Limited ("IDFC"). IEL has repaid the entire loan taken from IDFC in financial year 2020-21.

(e) The Company has given guarantees aggregating Rs.10,848.37 crore (March 31, 2022: Rs.9,866.85 crore) details of which are as below:

(i) in favour of Commissioner Customs for Rs.1.07 crore (March 31, 2022: Rs.1.07 crore) given on behalf of Timken India Limited in respect of goods imported.

(ii) in favour of The President of India for Rs.167.55 crore (March 31, 2022: Rs.177.18 crore) against performance of export obligation under the various bonds executed by a joint venture Jamshedpur Continuous Annealing & Processing Company Private Limited.

(iii) in favour of State Bank of India and ICICI Bank for Rs.429.45 crore (March 31, 2022: Rs.429.66) guaranteeing the financial liability of a subsidiary Tata Steel Mining Limited, for the purpose of availing banking facility for the business operations including working capital & capital expenditure, performance contract and security for bidding for auctions with respect to mines.

(iv) in favour of the note holders against due and punctual repayment of the 100% amounts outstanding as on March 31, 2023 towards issued Guaranteed Notes by a subsidiary, ABJA Investment Co. Pte Ltd. for Rs.8,218.25 crore (March 31, 2022: Rs.7,579.75 crore) and Rs.1,853.74 crore (March 31, 2022: Rs.1,679.04 crore). The guarantee is capped at an amount equal to 125% of the outstanding principal amount of the Notes as detailed in "Terms and Conditions" of the Offering Memorandum.

(v) in favour of ICICI Bank for Rs.0.16 crore (March 31, 2022: Nil) guaranteeing the financial liability of a subsidiary BPPL for the purpose of availing banking facility for BPPL's business operations including working capital and performance contract.

(vi) in favour of SBI Bank for Rs.78.60 crore (March 31, 2022: Nil) guaranteeing the financial liability of a subsidiary TSDPL for the purpose of availing banking facility for TSDPL's business operations including working capital and performance contract.

(vii) in favour of ICICI Bank for Rs.99.40 crore (March 31, 2022: Nil) guaranteeing the financial liability of a subsidiary TCIL for the purpose of availing banking facility for TCIL's business operations including working capital and performance contract.

(viii) in favour of President of India for Rs.0.15 crore (March 31, 2022: Rs.0.15 crore) against advance license.

[700200] Notes - Corporate social responsibility

Disclosure of net profits for last three financial years [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Net profits for last three financial years [Axis]	Financial year 1 [Member]	Financial year 2 [Member]	Financial year 3 [Member]
	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023	01/04/2022 to 31/03/2023
Disclosure of net profits for last three financial years [Abstract]			
Disclosure of net profits for last three financial years [LineItems]			
Description of financial year	2021-22	2020-21	2019-20
Profit before tax of financial year	44,090.65	18,609.84	6,610.98
Net profit computed u/s 198 and adjusted as per rule 2(1)(f) of Companies (CSR Policy) Rules, 2014	44,014.88	17,173.02	7,350.2

Classification of CSR spending [Table]

..(1)

Unless otherwise specified, all monetary values are in Crores of INR

Classification of CSR spending [Axis]	CSR Spending 1
	01/04/2022 to 31/03/2023
Disclosure of CSR spending [Abstract]	
Details of CSR spent during financial year [Abstract]	
Manner in which amount CSR spent during financial year [Abstract]	
Manner in which amount CSR spent during financial year [Line items]	
CSR project or activity identified	Other than construction or acquisition of any asset
Sector in which project is covered	Livelihood enhancement projects
Whether projects or programs undertaken in local area or other	Yes
Name of state or union territory where projects or programs was undertaken	All India
Name of district where projects or programs was undertaken	All India
Budget amount outlay project or program wise	456.92
Amount spent on projects or programs [Abstract]	
Direct expenditure on projects or programs	480.62
Total amount spent on projects or programs	480.62
Mode of amount spent	Other implementing agencies

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023
Disclosure of corporate social responsibility explanatory [TextBlock]	Textual information (119) [See below]
Whether provisions of corporate social responsibility are applicable on company	Yes
Disclosure of composition of CSR committee [TextBlock]	Textual information (120) [See below]
Whether company has written CSR policy	Yes
Details CSR policy [TextBlock]	Textual information (121) [See below]
Average net profit for last three financial years	22,846.03
Prescribed CSR expenditure	456.92
Amount CSR to be spent for financial year	456.92
Amount CSR spent for financial year	480.62
Amount spent in local area	0
Amount unspent CSR	0
Details of implementing agency	Other implementing agencies

Textual information (119)

Disclosure of corporate social responsibility explanatory [Text Block]

Annual Report on Corporate Social Responsibility Activities

[Pursuant to Section 135 of the Companies Act, 2013 and the Companies (Corporate Social Responsibility Policy) Rules, 2014]

1. Brief outline on CSR Policy of the Company:

Our CSR initiatives are guided by our CSR Policy ('Policy'). The Policy was first adopted on September 17, 2014 and then revised on February 3, 2016, and on November 11, 2021.

Our CSR activities focus on education, health, water, livelihood, rural and urban infrastructure and are in alignment with key development challenges of communities we serve. We also undertake community-centric interventions in the areas of sports, disaster relief, environment and tribal identity.

2. Composition of Corporate Social Responsibility & Sustainability (CSR&S) Committee:

Sl. No.	Name of Director	Designation / Nature of Directorship	Number of meetings held during the year	Number of meetings attended during the year
1.	Mr. Deepak Kapoor	Independent Director (Chairman)	4	3
2.	Mr. O. P. Bhatt	Independent Director	4	4
3.	Mr. T. V. Narendran	Chief Executive Officer & Managing Director	4	4
4.	Mr. Koushik Chatterjee	Executive Director & Chief Financial Officer	4	3

3. The web-links where Composition of CSR committee, CSR Policy and CSR projects approved by the Board are disclosed on the website of the company are provided below:

The composition of the CSR&S Committee:	https://www.tatasteel.com/corporate/our-organisation/leadership/
CSR Policy:	https://www.tatasteel.com/media/11804/tata-steel-csr-policy-latest-2019.pdf
CSR Projects as approved by the Board:	https://www.tatasteel.com/corporate/our-organisation/csr/

4. The Executive summary along with web-link(s) of Impact assessment of CSR projects carried out in pursuance of sub-rule (3) of rule 8 of the Companies (Corporate Social Responsibility Policy) Rules, 2014, if applicable (attach the report):

The Company voluntarily carries out impact assessment of key CSR Projects in the normal course. The reports are available on the website of the Company at <https://www.tatasteel.com/corporate/our-organisation/csr/>

	(Rs. crore)
5. (a) Average net profit of the Company as per section 135(5) of the Companies Act, 2013	22,846.03
(b) Two percent of average net profit of the Company as per section 135(5) of the Companies Act, 2013	456.92
(c) Surplus arising out of the CSR Projects or programmes or activities of the previous financial years	NIL
(d) Amount required to be set of for the financial year, if any	NIL

(e) Total CSR obligation for the financial year (5b+5c-5d)	456.92
	(Rs. crore)
6. (a) Amount spent on CSR Projects (both Ongoing Projects and other than Ongoing Projects)	475.11
(b) Amount spent in Administrative Overheads	5.51
(c) Amount spent on Impact Assessment, if applicable	Not applicable
(d) Total amount spent for the financial year (6a+6b+6c)	480.62

(e) CSR amount spent or unspent for the Financial Year:

	Amount Unspent (in Rs.)				
Total Amount Spent for the Financial Year (in Rs. crore)	Total Amount transferred to Unspent CSR Account as per section 135(6)		Amount transferred to any fund specified under Schedule VII as per second proviso to section 135(5)		
	Amount	Date of transfer	Name of the Fund	Amount	Date of transfer
480.62	Nil	NA	NA	Nil	NA

(f) Excess amount for set-off, if any:

Sl. No.	Particular	Amount (in Rs. crore)
(1)	(2)	(3)
(i)	Two percent of average net profit of the Company as per section 135(5) of the Companies Act, 2013	456.92
(ii)	Total amount spent for the Financial Year	480.62
(iii)	Excess amount spent for the Financial Year [(ii)-(i)]	23.70
(iv)	Surplus arising out of the CSR projects or programmes or activities of the previous Financial Years, if any	NIL
(v)	Amount available for set off in succeeding Financial Years [(iii)-(iv)]	*23.70

*The Company does not propose to avail any set-off, against the excess amount spent in FY2022-23 for succeeding financials year(s).

7. Details of Unspent CSR amount for the preceding three financial years

(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)
Sl. No.	Preceding Financial Year	Amount transferred to Unspent CSR Account under section 135(6) (in Rs.)	Balance Amount in Unspent CSR Account under section 135(6) (in Rs.)	Amount spent in the Financial Year (in Rs.)	Amount transferred to a fund as specified under Schedule VII as per second proviso to section 135(5), if any.		Amount remaining to be spent in succeeding Financial Years (in Rs.)	Deficiency, if any
					Amount (in Rs.)	Date of transfer		
NA	NA	Nil	Nil	NA	Nil	NA	Nil	NA

8. Whether any capital assets have been created or acquired through CSR amount spent in the Financial Year: No

9. Specify the reason(s), if the Company has failed to spend two per cent of the average net profit as per Section 135(5) of the Companies Act, 2013 – Not applicable

sd/-
DEEPAK KAPOOR
Chairman
CSR & Sustainability Committee
DIN: 00162957

sd/-
T. V. NARENDRA
Chief Executive Officer &
Managing Director
DIN: 03083605

Mumbai
May 2, 2023

Textual information (120)

Disclosure of composition of CSR committee [Text Block]

Composition of Corporate Social Responsibility & Sustainability (CSR&S) Committee:

Sl. No.	Name of Director	Designation / Nature of Directorship	Number of meetings held during the year	Number of meetings attended during the year
1.	Mr. Deepak Kapoor	Independent Director (Chairman)	4	3
2.	Mr. O. P. Bhatt	Independent Director	4	4
3.	Mr. T. V. Narendran	Chief Executive Officer & Managing Director	4	4
4.	Mr. Koushik Chatterjee	Executive Director & Chief Financial Officer	4	3

Textual information (121)

Details CSR policy [Text Block]

Brief outline on CSR Policy of the Company:

Our CSR initiatives are guided by our CSR Policy ('Policy'). The Policy was first adopted on September 17, 2014 and then revised on February 3, 2016, and on November 11, 2021.

Our CSR activities focus on education, health, water, livelihood, rural and urban infrastructure and are in alignment with key development challenges of communities we serve. We also undertake community-centric interventions in the areas of sports, disaster relief, environment and tribal identity.

[610500] Notes - Events after reporting period

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of events after reporting period [TextBlock]		
Disclosure of non-adjusting events after reporting period [TextBlock]		
Whether there are non adjusting events after reporting period	No	No

[612500] Notes - Share-based payment arrangements

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of share-based payment arrangements [TextBlock]		
Whether there are any share based payment arrangement	No	No

[613000] Notes - Earnings per share

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of earnings per share [TextBlock]	Textual information (122) [See below]	
Basic earnings per share [Abstract]		
Basic earnings (loss) per share from continuing operations	[INR/shares] 12.68	[INR/shares] 27.03
Total basic earnings (loss) per share	[INR/shares] 12.68	[INR/shares] 27.03
Diluted earnings per share [Abstract]		
Diluted earnings (loss) per share from continuing operations	[INR/shares] 12.67	[INR/shares] 27.01
Total diluted earnings (loss) per share	[INR/shares] 12.67	[INR/shares] 27.01
Profit (loss), attributable to ordinary equity holders of parent entity [Abstract]		
Profit (loss), attributable to ordinary equity holders of parent entity	15,495.11	33,011.18
Profit (loss), attributable to ordinary equity holders of parent entity including dilutive effects	15,495.11	33,011.18
Weighted average shares and adjusted weighted average shares [Abstract]		
Weighted average number of ordinary shares outstanding	[shares] 1,222,17,82,062	[shares] 120,28,75,282

Textual information (122)

Disclosure of earnings per share [Text Block]

Earnings per share

The following table reflects the profit and shares data used in the computation of basic and diluted earnings per share (EPS).

		(Rs. crore)
	Year ended March 31, 2023	Year ended March 31, 2022
(a) Profit for the year	15,495.11	33,011.18
Less: Distribution on hybrid perpetual securities (net of tax)	-	1.09
Profit attributable to Ordinary shareholders- for basic and diluted EPS	15,495.11	33,010.09
	Nos.	Nos.
(b) Weighted average number of Ordinary Shares for basic EPS	12,22,17,82,062	12,02,87,52,820
Add: Adjustment relating to merger(i) (ii)	-	18,21,03,050
Total weighted average number of Ordinary Shares for basic EPS	12,22,17,82,062	12,21,08,55,870
Add: Adjustment for shares held in abeyance and un-called portion on partly paid-up shares	37,16,120	94,30,740
Weighted average number of Ordinary Shares and potential Ordinary Shares for diluted EPS	12,22,54,98,182	12,22,02,86,610
(c) Nominal value of Ordinary Share (Rs.)	1.00	1.00
(d) Basic earnings per Ordinary Share (Rs.)(ii)	12.68	27.03
(e) Diluted earnings per Ordinary Share (Rs.)(ii)	12.67	27.01

(i) On November 23, 2021, the Board of Directors of the Company approved allotment of 1,82,23,805 fully paid-up equity shares of the Company, of face value 10/- each, to eligible shareholders of Tata Steel BSL Limited (formerly Bhushan Steel Limited) ("TSBSL") consequent to the approval of the scheme of merger of Bannipal Steel Limited and TSBSL into the Company by National Company Law Tribunal (NCLT) through its order dated October 29, 2021.

(ii) The basic and diluted EPS for the prior year have been restated considering the face value of Rs.1/- each in accordance with Ind AS 33 - "Earnings per Share" on account of sub-division of the Ordinary (equity) Shares of face value Rs.10/- each into Ordinary (equity) Shares of face value of Rs.1/- each (refer note 15(ii)(a), page F70).

[610900] Notes - First time adoption

Unless otherwise specified, all monetary values are in Crores of INR

	01/04/2022 to 31/03/2023	01/04/2021 to 31/03/2022
Disclosure of first-time adoption [TextBlock]		
Whether company has adopted Ind AS first time	No	No