



MILL TEST CERTIFICATE  
(INSPECTION CERTIFICATE)  
In Accordance with EN 10204 :2004 Type 3.1

Jindal Stainless Limited,  
Jajpur, Odisha

IS 5522



CMUL-5200039687

CUSTOMER

CITY : MUMBAI

P.O.NO.

PO DATE: 01.12.2023

CUSTOMER SPECIFICATION : As per OA/PO agreement

CERTIFICATE NO. : JSL-JRD/QA/2023-24/DOM/01725414

DATE : 23.01.2024

VEHICLE NO. : PB07BB1112

SALES ORDER NO. : 0558089204

SHIPMENT/DELIVERY NO. : 6300126718 NET WT(MT) : 9.780

Material Description/Product	Grade / Type	Material Specifications	Process-Route
STAINLESS STEEL	430	ASTM A240/A240M-23, ASME SA-240/SA-240M 2023 SEC. II, PART A, IS 5522:2014	EF-AOD-LRF-CCS

PHYSICAL DESCRIPTION

SR NO.	BATCH NO.	PARENT COIL NO. / PLATE NO.	PKT/PALLET NO.	WEIGHT (MT)	NO. OF PCS	HEAT NO.	THK (mm)	WIDTH (mm)	LENGTH (mm)	FINISH	EDGE	QUALITY
1	HYO3336401	0000915577		2.400	1	22300831	1.500	1,250.00	COIL	2B	Mill Edge	PRIME
2	HYO3336402	0000915577		2.445	1	22300831	1.500	1,250.00	COIL	2B	Mill Edge	PRIME
3	HYO3336403	0000915577		2.495	1	22300831	1.500	1,250.00	COIL	2B	Mill Edge	PRIME
4	HYO3336404	0000915577		2.440	1	22300831	1.500	1,250.00	COIL	2B	Mill Edge	PRIME

CHEMICAL ANALYSIS (LADLE)

HEAT NO.	%C	%Mn	%S	%P	%Si	%Ni	%Cr	%N	%Mo	%Cu	%Ti	%Nb	%Al
22300831	0.050	0.30	0.006	0.029	0.28	0.18	16.18	-	-	-	-	-	-

MECHANICAL PROPERTIES: SAMPLE DIRECTION - TRANSVERSE

Sr no.	Rp 0.2/YS Mpa	Rp 1.0 Mpa	Rm/TS Mpa	%EL GL=50 mm	%EL GL=80 mm	%EL GL=565/80 mm	Hardness HIRBW	Bend Test 180°
1	346	-	525	24	-	-	81 / 82	1TOK
2	346	-	525	24	-	-	81 / 82	1TOK
3	346	-	525	24	-	-	81 / 82	1TOK
4	346	-	525	24	-	-	81 / 82	1TOK

ADDITIONAL INFORMATION

- 1- MATERIAL HAS BEEN HEAT TREATED IN ORDER TO ACHIEVE DESIRED MECHANICAL PROPERTIES.  
2- THE ABOVE MATERIAL ALSO CONFIRM TO IS 5522:2014 GRADE 430.  
3- MATERIALS CONFIRM TO THE REQUIREMENTS AS PER ASTM A480/A480M-23 & ASME SA-480/SA-480M SEC. II PART A-2023.

Accepted  
AK

\* THE ABOVE MATERIAL FULLY CONFORMS TO IS 5522:2014 CHEMICAL & MECHANICAL PROPERTIES OF PRODUCT AS TESTED IN ACCORDANCE WITH THE SCHEME OF TESTING & INSPECTION CONTAINED IN BIS CERTIFICATION.  
HOT ROLLED FINISHES: (BL, ANN, N1, ID, CHQ) & COLD ROLLED FINISHES: (2E, 2D, 2B, BA, NO.4, HL)  
\*LATE:- MATERIAL 5.00 MM AND OVER IN THICKNESS AND OVER 250 MM IN WIDTH (AS PER ASTM/ASME STANDARD) & THICKNESS 3 MM OR OVER (AS PER DIN STANDARD)  
\*HEET:- MATERIAL UNDER 5.00 MM IN THICKNESS AND 600 MM AND OVER IN WIDTH (AS PER ASTM/ASME STANDARD) & THICKNESS LESS THAN 3 MM (AS PER DIN STANDARD)  
\*COIL:- IN "PHYSICAL DESCRIPTION"- LENGTH MENTIONED AS "COIL".

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This is hereby certified that the material was manufactured, sampled, tested & inspected in accordance with requirements of the material specification and has been found to meet the requirements of order. The material supplied under this Test Certificate is free from any radioactive contamination as checked by procedures established by Jindal Stainless Limited as per the recommendations provided by AERB.

ISO 9001 : 2015  
ISO 14001 : 2015  
ISO 45001 : 2018  
ISO 50001 : 2018  
IATF 16949 : 2016  
CERTIFIED COMPANY  
Format Ref: JSLO F QA CRM/32 Rev.01  
Eti Date: 24.09.2021



Name: Ramachandra Ota  
Position: Laboratory Assistant