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

IS 5522
CM/L-5200039687

Jindal Stainless Limited,
Jajpur,Odisha

CUSTOMER
CITY MUMBAI
PO NO.
CUSTOMER SPECIFICATION As per OA PO agreement

CERTIFICATE NO. JSL-JRD QA 2023-24 DOM 01542947
DATE 01.07.2023
VEHICLE NO. RJ07GC2937
SALES ORDER NO. 0558072969
SHIPMENT DELIVERY NO. 6300092791 NET WT(MT) 20.548

Material Description/Product	Grade / Type	Material Specifications	Process-Route
STAINLESS STEEL	430	ASTM A240/A240M-22, ASME SA-240/SA-240M 2021 SEC II PART A, IS 5522 2014	EF+AOD-ER+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	FY03352806	0000917744	FY03352806	2.523	68	22300831	1.500	1,250.00	2,500.00	2B	Mill Edge	PRIME
2	FY03352807	0000917744	FY03352807	2.522	68	22300831	1.500	1,250.00	2,500.00	2B	Mill Edge	PRIME
3	FY03352808	0000917744	FY03352808	2.971	80	22300831	1.500	1,250.00	2,500.00	2B	Mill Edge	PRIME
4	FY03352809	0000917744	FY03352809	2.524	68	22300831	1.500	1,250.00	2,500.00	2B	Mill Edge	PRIME
5	KY03354901	0000917241	KY03354901	2.410	82	12301706	1.200	1,250.00	2,500.00	2B	Mill Edge	PRIME
6	KY03354902	0000917241	KY03354902	2.532	86	12301706	1.200	1,250.00	2,500.00	2B	Mill Edge	PRIME
7	KY03354903	0000917241	KY03354903	2.531	86	12301706	1.200	1,250.00	2,500.00	2B	Mill Edge	PRIME
8	KY03354904	0000917241	KY03354904	2.535	86	12301706	1.200	1,250.00	2,500.00	2B	Mill Edge	PRIME

CHEMICAL ANALYSIS (LADLE)

HEAT NO.	%C	%Mn	%S	%P	%Si	%Ni	%Cr	%N	%Mn	%Cu	%Ti	%Nb	%Al
22300831	0.050	0.30	0.006	0.029	0.28	0.18	16.18	-	-	-	-	-	-
12301706	0.056	0.70	0.004	0.035	0.26	0.20	16.24	-	-	-	-	-	-

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=5.65√S0 mm	Hardness HRBW	Bend Test 180°
1	317	-	507	25	-	-	80 / 81	1TOK
2	317	-	507	25	-	-	80 / 81	1TOK
3	317	-	507	25	-	-	80 / 81	1TOK
4	317	-	507	25	-	-	80 / 81	1TOK
5	337	-	514	24	-	-	81 / 82	1TOK
6	337	-	514	24	-	-	81 / 82	1TOK
7	337	-	514	24	-	-	81 / 82	1TOK
8	337	-	514	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-22 & ASME SA-480/SA-480M SEC. II PART A-2021

Accepted
OK

- 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, TD, CHQ) & COLD ROLLED FINISHES: (2E, 2D, 2B, BA, NO.4, HL)
- 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)
- 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".

Jindal Stainless Limited
Kalinga Nagar Industrial Complex
PO: Danagadi, Jajpur
Odisha - 755026, India
TEL: +91 9658989931
FAX: +91-06726-260009
Email: QualityMTC@jindalstainless.com

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. JSLOT-QA-CRM-32 Rev 01
Eff Date: 24.09.2021

Name: Rahul Jain
Designation: Executive

Any unauthorized usage of this Test Certificate will warrant Legal Action