



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

Jindal Stainless Limited.
Jajpur, Odisha

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CUSTOMER : Prime Stainless DMCC	CERTIFICATE NO. : JSL-JRD/QA/2021-22/EXP/00044958
CTRY : Dubai	DATE : 14.02.2022
QA NO : 34383VF	NET WEIGHT : 114.445
SALES ORDER NO. : 0568007443	COMMERCIAL INV. NO. : J20212264744
PROFORMA INVOICE NO. : 6130018991	OA DATE: 20.01.2022 SO DATE: 20.01.2022 DATE: 13.02.2022

Material Description/Product HOT ROLLED ANNEALED PICKLED STAINLESS STEEL PLATES.	Material Specifications GOST 7350-77 & ASTM A240/A240M-20, ASME SA-240/SA-240M 2021 SEC. II, PART A	Process-Route EAF-AOD-LRF-CCS	Dimension Tolerance specification As per GMP/PO Agreement.
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PHYSICAL DESCRIPTION

SR NO	BATCH NO	PARENT COIL NO/PLATE NO.	PKT/PALLET NO	WEIGHT (MT)	NO OF PCS	HEAT NO	GRADE	THK (mm)	WIDTH (mm)	LENGTH (mm)	FINISH	EDGE	QUALITY
9	100119790A	100119790	310642	1.407	1	12200419	304	20.000	1,500.00	6,000	N1	TE	PRIME
10	100119790B	100119790	195783	1.415	1	12200419	304	20.000	1,500.00	6,000	N1	TE	PRIME
11	100119791A	100119791	195790	1.420	1	12200419	304	20.000	1,500.00	6,000	N1	TE	PRIME
12	100119791B	100119791	310609	1.405	1	12200419	304	20.000	1,500.00	6,000	N1	TE	PRIME
13	100119794B	100119794	310642	1.408	1	12200419	304	20.000	1,500.00	6,000	N1	TE	PRIME
14	100119999A	100119999	310730	1.765	1	22200170	304	25.000	1,500.00	6,000	N1	TE	PRIME
15	100120000A	100120000	310729	1.767	1	22200170	304	25.000	1,500.00	6,000	N1	TE	PRIME
16	100120000B	100120000	310731	1.767	1	22200170	304	25.000	1,500.00	6,000	N1	TE	PRIME

CHEMICAL ANALYSIS (LADLE)

SR NO.	HEAT NO	GRADE	C%	Mn%	S%	P%	Si%	Ni%	Cr%	N%	Mo%	Cu%	Ti%	Nb/Cu%	Al%
9	12200419	304	0.058	0.92	0.004	0.042	0.28	8.02	18.11	0.041					
10	12200419	304	0.058	0.92	0.004	0.042	0.28	8.02	18.11	0.041					
11	12200419	304	0.058	0.92	0.004	0.042	0.28	8.02	18.11	0.041					
12	12200419	304	0.058	0.92	0.004	0.042	0.28	8.02	18.11	0.041					
13	12200419	304	0.058	0.92	0.004	0.042	0.28	8.02	18.11	0.041					
14	22200170	304	0.058	0.90	0.004	0.042	0.29	8.03	18.10	0.042					
15	22200170	304	0.058	0.90	0.004	0.042	0.29	8.03	18.10	0.042					
16	22200170	304	0.058	0.90	0.004	0.042	0.29	8.03	18.10	0.042					

MECHANICAL PROPERTIES: SAMPLE DIRECTION - TRANSVERSE

Sr No.	Batch No.	Thk mm	Rp 0.2 YS Mpa	Rp 1.0 Mpa	Rm/ TS Mpa	%EL A 50 mm	%EL (acc. sect) mm	Hardness HRBW	Bend Test 180°
9	100119790A	20.00	302		590	58		80 / 81	
10	100119790B	20.00	302		590	58		80 / 81	
11	100119791A	20.00	302		590	58		80 / 81	
12	100119791B	20.00	302		590	58		80 / 81	
13	100119794B	20.00	302		590	58		80 / 81	
14	100119999A	25.00	280		614	56		81 / 82	
15	100120000A	25.00	280		614	56		81 / 82	
16	100120000B	25.00	280		614	56		81 / 82	

ADDITIONAL INFORMATION

1)- MATERIAL ANNEALED IN ACCORDANCE WITH REQUIREMENT AS LAID IN ASTM A480/A480M-20A // SA-480/SA-480M OF ASME BPVC.II.A-2021. TABLE A1.2.
2)- FOR 12X18110T GRADE: IGC TEST DONE AS PER GOST 6032-2017 & FOUND SATISFACTORY.

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 AFRIL.

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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.

QMS: ISO 9001-2015
EMS: ISO 14001-2015
ISIRI 45001:2018
CERTIFIED COMPANY

This document is digitally signed



Any unauthorised usage of this Test Certificate will warrant Legal Action.