



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

Jindal Stainless Limited.
Jajpur, Odisha

b1796000

CUSTOMER	:Prime Stainless DMCC	CERTIFICATE NO.	:JSL-JRD/QA/2020-21/EXP/00037782
CITY	:Dubai	DATE	:11.01.2021
QA NO	:32647	NET WT(MT)	:43.185
SALES ORDER NO.	:0568005796	COMMERCIAL INV. NO.	:J20202161892
PROFORMA INVOICE NO.	:6130013603	OA DATE:	17.11.2020
		SO DATE:	19.11.2020
		DATE:	11.01.2021

Material Description/Product HOT ROLLED STAINLESS STEEL PLATES, PRIME QUALITY	Material Specifications EN 10088-4:10/EN 10028-7:16/ EN 10088-2:14/ASTM A240/A240M-20/ASME SA240/SA240M-19 SEC.II PartA/AD2000 W0/W2/W10,PED 2014/68/EU.	Process-Route EAF-AOD-LRF-CCS	Dimension Tolerance specification As per OA/PO Agreement.
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PHYSICAL DESCRIPTION

SR NO	BATCH NO	HRC/PLATE NO.	PKT/PALLET NO	WEIGHT (MT)	NO OF PCS	HEAT NO	GRADE	THK (mm)	WIDTH (mm)	LENGTH (mm)	FINISH	EDGE	QUALITY
41	500032490A	0000646043	168,629	0.436	1	12003743	1.4307/1.4301/304L/304	12.000	1,500.00	3,020	N1	TE	PRIME
42	500029914	0000635196	167,399	0.590	1	12003181	1.4307/1.4301/304L/304	12.000	1,500.00	4,020	N1	TE	PRIME
43	500029916	0000635196	167,399	0.590	1	12003181	1.4307/1.4301/304L/304	12.000	1,500.00	4,020	N1	TE	PRIME
44	100104949B	100104949	167,912	1.107	1	22001564	1.4307/1.4301/304L/304	30.000	1,500.00	3,000	N1	TE	PRIME
45	100104949C	100104949	167,913	1.110	1	22001564	1.4307/1.4301/304L/304	30.000	1,500.00	3,000	N1	TE	PRIME
46	100104949D	100104949	167,912	1.108	1	22001564	1.4307/1.4301/304L/304	30.000	1,500.00	3,000	N1	TE	PRIME
47	100104949A	100104949	167,910	1.115	1	22001564	1.4307/1.4301/304L/304	30.000	1,500.00	3,000	N1	TE	PRIME
48	100104948B	100104948	167,910	1.115	1	22001564	1.4307/1.4301/304L/304	30.000	1,500.00	3,000	N1	TE	PRIME

CHEMICAL ANALYSIS (LADLE)

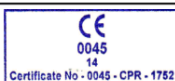
SR NO.	HEAT NO	GRADE	C%	Mn%	S%	P%	Si%	Ni%	Cr%	N%	Mo%	Cu%	Ti%	Nb/Cb%	Al%
41	12003743	1.4307/1.4301/304L/304	0.025	1.80	0.002	0.042	0.25	8.05	18.30	0.083					
42	12003181	1.4307/1.4301/304L/304	0.020	1.74	0.003	0.042	0.29	8.05	18.08	0.075					
43	12003181	1.4307/1.4301/304L/304	0.020	1.74	0.003	0.042	0.29	8.05	18.08	0.075					
44	22001564	1.4307/1.4301/304L/304	0.021	1.72	0.003	0.044	0.34	8.06	18.27	0.081					
45	22001564	1.4307/1.4301/304L/304	0.021	1.72	0.003	0.044	0.34	8.06	18.27	0.081					
46	22001564	1.4307/1.4301/304L/304	0.021	1.72	0.003	0.044	0.34	8.06	18.27	0.081					
47	22001564	1.4307/1.4301/304L/304	0.021	1.72	0.003	0.044	0.34	8.06	18.27	0.081					
48	22001564	1.4307/1.4301/304L/304	0.021	1.72	0.003	0.044	0.34	8.06	18.27	0.081					

MECHANICAL PROPERTIES:SAMPLE DIRECTION - TRANSVERSE

ADDITIONAL INFORMATION

Sr No.	Batch No.	Thk mm	Rp 0.2 YS Mpa	Rp 1.0 Mpa	Rm/ TS Mpa	%EL A 50 mm	%EL 5.65 / 50(GL) mm	Hardness HRBW	Bend Test	
41	500032490A	12.00	307	351	614	60	57	82 / 83		1)-THE ABOVE GRADE PRODUCTS ARE CERTIFIED AND CONFIRMED AS PER THE REQUIREMENTS OF DIN EN 10088-4:2010 UNDER CONSTRUCTION PRODUCTS REGULATION-305/2011 VIA CERTIFICATE NO: 0045-CPR-1752, YEAR 2014.
42	500029914	12.00	310	354	618	55	52	80 / 81		2)-FOR 1.4307:-The DOP(Declaration of performance) No: JSLO/1.4307/HR/P.
43	500029916	12.00	310	354	618	55	52	80 / 81		3)-APPROVED ACCEPTANCE TO AD 2000-MERKBLATT W0,W2,W10 AND CERTIFIED ACCEPTANCE TO PED (2014/68/EU) BY CERTIFICATION BODY FOR PRESSURE EQUIPMENT OF TUV NORD SYSTEM (NOTIFIED BODY REG. NO.:0045).
44	100104949B	30.00	298	339	626	60	55	80 / 81		4)-MATERIAL ANNEALED IN ACCORDANCE WITH REQUIREMENTS AS LAID IN 10088-4:10, TABLE A.4.
45	100104949C	30.00	298	339	626	60	55	80 / 81		5)-MATERIALS ALSO FULFILL THE REQUIREMENT OF ASTM A480/A480M-20 & ASME SA480/SA480M SEC. II PART A, ED.2019.
46	100104949D	30.00	298	339	626	60	55	80 / 81		6)-IGC TEST AS PER EN ISO 3651-2 METHOD A/ASTM A262 Pr-E & AFTER EXPOSURE THE SPECIMENS WERE BENT(1 $\pm$ 180 $^{\circ}$) AND INSPECTED AT MAGNIFICATION OF 20X AND FOUND WITHOUT ANY CRACKS.
47	100104949A	30.00	298	339	626	60	55	80 / 81		7)-ALL MATERIALS HAVE BEEN CHECKED FOR PMI TESTING BY PORTABLE XRF & FOUND SATISFACTORY.
48	100104948B	30.00	298	339	626	60	55	80 / 81		8)-MATERIAL ANNEALED AT MINIMUM 1040 $^{\circ}$ C & QUENCHED IN WATER AT A SUFFICIENT RATE TO PREVENT RE-PRECIPIATION OF CARBIDES.
										9)-MATERIALS CONFORM TO REQUIREMENT AS PER NACE MR 0175/ISO 15156-2015 & NACE MR0103-2016
										A. MILL TEST CERTIFICATE COMPLIES TO EN 10204 : 2004 TYPE 3.1 EVIDENCING EN 10028 - 7
										B. Under EDGE COLUMN "TE" stands for "TRIM EDGE"
										C. Under FINISH COLUMN "N1" stands for "NO.1"
										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 .

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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
ISO 45001:2018
CERTIFIED COMPANY