



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

Jindal Stainless Limited.
Jajpur, Odisha

CUSTOMER	:Prime Stainless DMCC	CERTIFICATE NO.	:JSL-JRD/QA/2020-21/EXP/00038000
CITY	:Dubai	DATE	:31.01.2021
OA NO	:32650	NET WT(MT)	:49.385
SALES ORDER NO.	:0568005802	COMMERCIAL INV. NO.	:J20202162007
PROFORMA INVOICE NO.	:6130013718	OA DATE:19.11.2020	
		SO DATE:19.11.2020	
		DATE:31.01.2021	

Material Description/Product HOT ROLLED ANNEALED PICKLED STAINLESS STEEL PLATES.	Material Specifications EN 10088-4:10/EN 10028-7:16/EN 10088-2:14//ASTM A240/A240M-20/ASME SA240/SA240M-19 SEC.II Part A/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	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
65	500033106A	0000646983	168605	0.550	1	12003740	1.4307/1.4301/304L/304	15.000	1,500.00	3,000	N1	TE	PRIME
66	500033115A	0000646983	168605	0.550	1	12003740	1.4307/1.4301/304L/304	15.000	1,500.00	3,000	N1	TE	PRIME
67	500033115B	0000646983	168605	0.550	1	12003740	1.4307/1.4301/304L/304	15.000	1,500.00	3,000	N1	TE	PRIME
68	500033107A	0000646983	168606	0.545	1	12003740	1.4307/1.4301/304L/304	15.000	1,500.00	3,000	N1	TE	PRIME
69	500033113B	0000646983	168606	0.545	1	12003740	1.4307/1.4301/304L/304	15.000	1,500.00	3,000	N1	TE	PRIME
70	100104686B	100104686	166853	0.730	1	12003371	1.4307/1.4301/304L/304	20.000	1,500.00	3,000	N1	TE	PRIME
71	100104805A	100104805	167768	0.730	1	12003453	1.4307/1.4301/304L/304	20.000	1,500.00	3,000	N1	TE	PRIME
72	100104805C	100104805	167768	0.730	1	12003453	1.4307/1.4301/304L/304	20.000	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%
65	12003740	1.4307/1.4301/304L/304	0.020	1.74	0.003	0.044	0.30	8.04	18.20	0.086		0.54			
66	12003740	1.4307/1.4301/304L/304	0.020	1.74	0.003	0.044	0.30	8.04	18.20	0.086		0.54			
67	12003740	1.4307/1.4301/304L/304	0.020	1.74	0.003	0.044	0.30	8.04	18.20	0.086		0.54			
68	12003740	1.4307/1.4301/304L/304	0.020	1.74	0.003	0.044	0.30	8.04	18.20	0.086		0.54			
69	12003740	1.4307/1.4301/304L/304	0.020	1.74	0.003	0.044	0.30	8.04	18.20	0.086		0.54			
70	12003371	1.4307/1.4301/304L/304	0.020	1.70	0.003	0.040	0.52	8.08	18.05	0.086		0.50			
71	12003453	1.4307/1.4301/304L/304	0.024	1.73	0.003	0.044	0.24	8.06	18.20	0.088		0.47			
72	12003453	1.4307/1.4301/304L/304	0.024	1.73	0.003	0.044	0.24	8.06	18.20	0.088		0.47			

MECHANICAL PROPERTIES: SAMPLE DIRECTION - TRANSVERSE

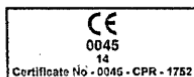
Sr No.	Batch No.	Thk mm	Rp 0.2 YS Mpa	Rp 1.0 Mpa	Rm/ TS Mpa	%EL A 50 mm	%EL 5.65 x 50mm	Hardness HRC	Bend Test 180°
65	500033106A	15.00	297	339	580	59	55	83 / 84	
66	500033115A	15.00	297	339	580	59	55	83 / 84	
67	500033115B	15.00	297	339	580	59	55	83 / 84	
68	500033107A	15.00	297	339	580	59	55	83 / 84	
69	500033113B	15.00	297	339	580	59	55	83 / 84	
70	100104686B	20.00	307	347	616	60	55	83 / 84	
71	100104805A	20.00	303	347	584	55	50	80 / 81	
72	100104805C	20.00	303	347	584	55	50	80 / 81	

ADDITIONAL INFORMATION

- 1)-THE ABOVE GRADE EN 1.4307 & EN 1.4404 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.
- 2)-FOR 1.4307:-The DOP(Declaration of performance) No: JSLO/1.4307/HRP.
- 3)-FOR 1.4404:-The DOP(Declaration of performance) No: JSLO/1.4404/HRP.
- 4)-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).
- 5)-MATERIAL ANNEALED IN ACCORDANCE WITH REQUIREMENTS AS LAID IN 10088-4:10, TABLE A.4.
- 6)-IGC TEST AS PER EN ISO 3651-2 METHOD A/ASTM A262 Pt-E & AFTER EXPOSURE THE SPECIMENS WERE BENT(180°) AND INSPECTED AT MAGNIFICATION OF 20X AND FOUND WITHOUT ANY CRACKS.
- 7)-ALL MATERIALS HAVE BEEN CHECKED FOR PMI TESTING BY PORTABLE XRF & FOUND SATISFACTORY.
- 8)-MATERIALS CONFORM TO REQUIREMENT AS PER NACE MR 0175/ISO 15156-2015 & NACE MR0103-2016
- 9)-MATERIAL ANNEALED AT MINIMUM 1040 °C & QUENCHED IN WATER AT A SUFFICIENT RATE TO PREVENT RE-PRECIPIATION OF CARBIDES.
- 10)-THE ABOVE MATERIALS ARE FREE FROM MERCURY CONTAMINATION.

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

Documents Digitally signed by Jindal Stainless Limited



Monalisa Patra
31 January 2021 19:21