



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

b0K79000

CUSTOMER :LSI LAMIERE SPECIALI INOX SPA						CERTIFICATE NO. :JSL-JRD/QA/2020-21/EXP/00036709									
CITY :PARMA-ITALY						DATE :14.09.2020									
OA NO :32350						OA DATE:07.07.2020									
SALES ORDER NO. :0568005398						NET WT(MT) :45.715									
PROFORMA INVOICE NO. :6130012857						SO DATE:16.07.2020									
DATE:14.09.2020						COMMERCIAL INV. NO. :J20202161146									
Material Description/Product HOT ROLLED STAINLESS STEEL PLATES, PRIME QUALITY				Material Specifications EN 10088-4:10/EN 10028-7:16/ EN 10088-2:14/AISI/ASTM A240/A240M-19/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.					
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		
25	100099861D	100099861	157,858	0.745	1	22000808	1.4404/1.4401/316L/316	20.000	1,500.00	3,020	N1	TE	PRIME		
26	100101141A	100101141	157,070	1.840	1	12002115	1.4307/1.4301/304L/304	25.000	1,500.00	6,020	N1	TE	PRIME		
27	100101141B	100101141	157,071	1.830	1	12002115	1.4307/1.4301/304L/304	25.000	1,500.00	6,020	N1	TE	PRIME		
28	100101142B	100101142	157,072	1.830	1	12002115	1.4307/1.4301/304L/304	25.000	1,500.00	6,020	N1	TE	PRIME		
29	100099798B	100099798	154,267	1.090	1	12001790	1.4307/1.4301/304L/304	30.000	1,500.00	3,020	N1	TE	PRIME		
30	100099798D	100099798	154,268	1.090	1	12001790	1.4307/1.4301/304L/304	30.000	1,500.00	3,020	N1	TE	PRIME		
31	500012430A	0000607093	154,393	0.553	1	12001758	1.4404/1.4401/316L/316	15.000	1,500.00	3,020	N1	TE	PRIME		
32	500012430B	0000607093	154,393	0.553	1	12001758	1.4404/1.4401/316L/316	15.000	1,500.00	3,020	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%
25	22000808	1.4404/1.4401/316L/316	0.022	1.74	0.003	0.042	0.37	10.05	16.75	0.066	2.04				
26	12002115	1.4307/1.4301/304L/304	0.021	1.77	0.003	0.040	0.25	8.04	18.20	0.083					
27	12002115	1.4307/1.4301/304L/304	0.021	1.77	0.003	0.040	0.25	8.04	18.20	0.083					
28	12002115	1.4307/1.4301/304L/304	0.021	1.77	0.003	0.040	0.25	8.04	18.20	0.083					
29	12001790	1.4307/1.4301/304L/304	0.022	1.83	0.003	0.044	0.22	8.06	18.19	0.089					
30	12001790	1.4307/1.4301/304L/304	0.022	1.83	0.003	0.044	0.22	8.06	18.19	0.089					
31	12001758	1.4404/1.4401/316L/316	0.026	1.73	0.004	0.040	0.21	10.04	16.63	0.053	2.03				
32	12001758	1.4404/1.4401/316L/316	0.026	1.73	0.004	0.040	0.21	10.04	16.63	0.053	2.03				
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	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 & 1.4404 GRADES:-The DOP(Declaration of performance) No: JSLO/1.4307/HR/P & JSLO/1.4404/HR/P. 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). 4)-MATERIAL ANNEALED IN ACCORDANCE WITH REQUIREMENTS AS LAID IN 10088-4:10.TABLE A.4. 5)-MATERIAL ANNEALED AT MINIMUM 1040 °C & QUENCHED IN WATER AT A SUFFICIENT RATE TO PREVENT RE-PRECIPIATION OF CARBIDES. 6)-MATERIALS ALSO FULFILL THE REQUIREMENT OF ASTM A480 /A480M-19 & ASME SA480/SA480M SEC. II PART A, ED.2019. 7)-IGC TEST AS PER EN ISO 3651-2 METHOD A/ASTM A262 Pr-E & AFTER EXPOSURE THE SPECIMENS WERE BENT(1t : 180 °) AND INSPECTED AT MAGNIFICATION OF 20X AND FOUND WITHOUT ANY CRACKS. 8)-ALL MATERIALS HAVE BEEN CHECKED FOR PMI TESTING BY PORTABLE XRF & FOUND SATISFACTORY. 9)-MATERIALS CONFORM TO REQUIREMENT AS PER NACE MR 0175/ISO 15156-2015 & NACE MR0103-2016. MILL TEST CERTIFICATE COMPLIES TO EN 10204 : 2004 TYPE 3.1 EVIDENCING EN 10028 - 7 Under FINISH COLUMN "N1" stands for "NO.1" Under EDGE COLUMN "TE" stands for "TRIM EDGE"					
25	100099861D	20.00	324	362	608	56	51	81 / 82							
26	100101141A	25.00	300	342	607	59	54	80 / 81							
27	100101141B	25.00	300	342	607	59	54	80 / 81							
28	100101142B	25.00	300	342	607	59	54	80 / 81							
29	100099798B	30.00	310	351	597	56	51	83 / 84							
30	100099798D	30.00	310	351	597	56	51	83 / 84							
31	500012430A	15.00	307	348	582	56	52	79 / 80							
32	500012430B	15.00	307	348	582	56	52	79 / 80							
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 .															