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CUSTOMER	:PRIME STAINLESS DMCC	CERTIFICATE NO.	:JSL-JRD/QA/2021-22/EXP/00043556
CITY	:DUBAI	DATE	:20.12.2021
OA NO	:33914-ASVF	NET WT(MT)	:137.530
SALES ORDER NO.	:0568007126	COMMERCIAL INV. NO.	:J20212263617
PROFORMA INVOICE NO.	:6130017859	OA DATE:	28.09.2021
		SO DATE:	19.10.2021
		DATE:	20.12.2021

Material Description/Product COLD ROLLED STAINLESS STEEL COILS, 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
1	Q053365603	0000755353	Q053365603	11.635		12104619	1.4307/1.4301/304L/304	4.000	1,500.00	COIL	2B	TE	PRIME
2	Q053365604	0000755353	Q053365604	11.405		12104619	1.4307/1.4301/304L/304	4.000	1,500.00	COIL	2B	TE	PRIME
3	Q053390901	0000755363	Q053390901	9.925		12104618	1.4307/1.4301/304L/304	4.000	1,500.00	COIL	2B	TE	PRIME
4	Q053390902	0000755363	Q053390902	8.820		12104618	1.4307/1.4301/304L/304	4.000	1,500.00	COIL	2B	TE	PRIME
5	Q053391802	0000755365	Q053391802	10.180		12104619	1.4307/1.4301/304L/304	4.000	1,500.00	COIL	2B	TE	PRIME
6	Q053391803	0000755365	Q053391803	9.990		12104619	1.4307/1.4301/304L/304	4.000	1,500.00	COIL	2B	TE	PRIME
7	Q053391804	0000755365	Q053391804	9.650		12104619	1.4307/1.4301/304L/304	4.000	1,500.00	COIL	2B	TE	PRIME
8	Q053397006	0000755368	Q053397006	8.310		12104609	1.4307/1.4301/304L/304	4.000	1,500.00	COIL	2B	TE	PRIME

CHEMICAL ANALYSIS (LADLE)

SR NO.	HEAT NO	GRADE	C%	Mn%	S%	P%	Si%	Ni%	Cr%	N%	Mo%	Cu%	Ti%	Nb/Cb%	Al%
1	12104619	1.4307/1.4301/304L/304	0.024	1.73	0.001	0.042	0.32	8.08	18.40	0.088					
2	12104619	1.4307/1.4301/304L/304	0.024	1.73	0.001	0.042	0.32	8.08	18.40	0.088					
3	12104618	1.4307/1.4301/304L/304	0.022	1.76	0.003	0.043	0.28	8.03	18.45	0.089					
4	12104618	1.4307/1.4301/304L/304	0.022	1.76	0.003	0.043	0.28	8.03	18.45	0.089					
5	12104619	1.4307/1.4301/304L/304	0.024	1.73	0.001	0.042	0.32	8.08	18.40	0.088					
6	12104619	1.4307/1.4301/304L/304	0.024	1.73	0.001	0.042	0.32	8.08	18.40	0.088					
7	12104619	1.4307/1.4301/304L/304	0.024	1.73	0.001	0.042	0.32	8.08	18.40	0.088					
8	12104609	1.4307/1.4301/304L/304	0.025	1.77	0.003	0.044	0.30	8.04	18.19	0.088					

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/ 50(GL) mm	Hardness HRBW	Bend Test
1	Q053365603	4.00	303	336	647	56	61	81 / 82	
2	Q053365604	4.00	303	336	647	56	61	81 / 82	
3	Q053390901	4.00	307	338	656	55	60	80 / 81	
4	Q053390902	4.00	307	338	656	55	60	80 / 81	
5	Q053391802	4.00	345	379	604	55	60	83 / 84	
6	Q053391803	4.00	345	379	604	55	60	83 / 84	
7	Q053391804	4.00	345	379	604	55	60	83 / 84	
8	Q053397006	4.00	312	343	649	57	62	83 / 84	

ADDITIONAL INFORMATION

- 1)-THE ABOVE GRADE EN 1.4307 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)-The DOP(Declaration of performance) No: JSLO/1.4307/CR.
 - 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)-MATERIALS ALSO FULFILL THE REQUIREMENT OF ASTM A480/A480M-20 & ASME SA480/SA480M SEC. II PART A, ED 2019.
 - 6)-IGC TEST AS PER EN ISO 3651-2 METHOD A/ASTM A262 Pr-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.
 - 9)-DIMENSIONAL TOLERANCE COMPLY AS PER DIN EN ISO 9445-2.
 - 10)-MATERIAL ANNEALED AT MINIMUM 1040 °C & QUENCHED IN WATER.
- * MILL TEST CERTIFICATE IN ACCORDANCE WITH EN 10204:2004 TYPE 3.1 ACCORDING TO EN 10088-2, EN 10088-4
- * TE STANDS FOR: TRIM EDGE

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 .