



**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/00044692
CITY	Dubai	DATE	:02.02.2022
QA NO	:34027VF	NET WT(MT)	:81.430
SALES ORDER NO.	:0568007132	COMMERCIAL INV. NO.	:J20212264504
PROFORMA INVOICE NO.	:6130018751	OA DATE:10.10.2021	
		SO DATE:19.10.2021	
		DATE:01.02.2022	

Material Description/Product HOT ROLLED ANNEALED PICKLED STAINLESS STEEL COILS	Material Specifications EN 10088-4:09/EN 10028-7-16/ EN 10088-2-14/AISI/ASTM A240/A404M-20/ASME SA240/SA404M SEC. II Part A-2021/AD2000 W0/W2/W10/PED 2014/68/EU	Process-Route EAF-AOD-LRF-CCS	Dimension Tolerance specification As per QA/QC 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
1	C053887501	0000764804	C053887501	19.815		22200004	1.4541/321	8.000	1,500.00		N1	TE	PRIME
2	Q053876601	0000765155	Q053876601	20.425		22200004	1.4541/321	4.000	1,500.00		N1	TE	PRIME
3	Q053876701	0000765156	Q053876701	20.350		22200004	1.4541/321	4.000	1,500.00		N1	TE	PRIME
4	Q053878301	0000765332	Q053878301	20.640		22200004	1.4541/321	4.000	1,500.00		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%
1	22200004	1.4541/321	0.017	1.77	0.002	0.037	0.26	9.09	17.18	0.012				0.145	
2	22200004	1.4541/321	0.017	1.77	0.002	0.037	0.26	9.09	17.18	0.012				0.145	
3	22200004	1.4541/321	0.017	1.77	0.002	0.037	0.26	9.09	17.18	0.012				0.145	
4	22200004	1.4541/321	0.017	1.77	0.002	0.037	0.26	9.09	17.18	0.012				0.145	

MECHANICAL PROPERTIES-SAMPLE DIRECTION - TRANSVERSE										ADDITIONAL INFORMATION	
Sr No.	Batch No.	Thk mm	Rp 0.2/YS Mpa	Rp L0 Mpa	Rm/TS Mpa	%EL A 50 mm	%EL tot. mm	Hardness HRBW	Bend Test 180°		
1	C053887501	8.00	308	346	571	52	50	76 / 77		1)-THE ABOVE GRADE EN 1.4541 PRODUCTS ARE CERTIFIED AND CONFIRMED AS PER THE REQUIREMENTS OF EN 10088-4:2009 UNDER CONSTRUCTION PRODUCTS REGULATION-305/2011 VIA CERTIFICATE NO: 0045-CPR-1752, YEAR 2014.	
2	Q053876601	4.00	284	328	589	57	62	79 / 80		2)-The DOP(Declaration of performance) No: JSL/Q/1.4541.HR.	
3	Q053876701	4.00	309	353	585	54	59	76 / 77		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 TÜV NORD SYSTEM (NOTIFIED BODY REG. NO.:0045).	
4	Q053878301	4.00	305	348	599	55	60	78 / 79		4)-MATERIAL ANNEALED IN ACCORDANCE WITH REQUIREMENTS AS LAID IN 10088-4:09, TABLE A.4.	
										5)-MATERIALS ALSO FULFILL THE REQUIREMENT OF ASTM A480/480M-20a & ASME SA480/SA480M SEC. II PART A, ED 2021.	
										6)-MATERIAL ANNEALED AT MINIMUM 1040 °C & QUENCHED IN WATER.	
										7)-IGC TEST AS PER EN ISO 3651-2 METHOD A/ASTM A262 P-E & AFTER EXPOSURE THE SPECIMENS WERE BENT(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.	
										10)-DIMENSIONAL TOLERANCE COMPLY AS PER DIN EN ISO 9444-2.	

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 AIEB.

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Format Ref: JSL/Q/10A-CRM/33



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



Digitally signed by
Bibhuti Bhushan Jena
Date: 2022.02.02
18:38:26 +05'30'