

b1K83000

CUSTOMER	:Prime Stainless DMCC	CERTIFICATE NO.	:JSL-JRD/QA/2021-22/EXP/00038825	
CITY	:Dubai	DATE	:21.04.2021	
OA NO	:32880	NET WT(MT)	:331.960	
SALES ORDER NO.	:0568005957	SO DATE:20.01.2021	COMMERCIAL INV. NO.	:J20212260157
PROFORMA INVOICE NO.	:6130014385	DATE:21.04.2021		

Material Description/Product COLD ROLLED STAINLESS STEEL COILS	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	C049356202	0000677279		9.720		12101241	1.4307/1.4301/304L/304	5.000	1,500.00	COIL	2B	TE	PRIME
2	E049433802	0000677326		11.075		12101227	1.4307/1.4301/304L/304	3.000	1,500.00	COIL	2B	TE	PRIME
3	C049404204	0000677276		8.020		12101241	1.4307/1.4301/304L/304	5.000	1,500.00	COIL	2B	TE	PRIME
4	C049403704	0000677275		11.695		12101240	1.4307/1.4301/304L/304	5.000	1,500.00	COIL	2B	TE	PRIME
5	C049403105	0000677369		9.715		12101242	1.4307/1.4301/304L/304	4.000	1,500.00	COIL	2B	TE	PRIME
6	Q049433203	0000677094		9.965		12101206	1.4307/1.4301/304L/304	3.000	1,500.00	COIL	2B	TE	PRIME
7	C049403402	0000677277		10.075		12101239	1.4307/1.4301/304L/304	5.000	1,500.00	COIL	2B	TE	PRIME
=>8	E049401303	0000677247		9.145		12101241	1.4307/1.4301/304L/304	3.000	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	12101241	1.4307/1.4301/304L/304	0.025	1.76	0.003	0.044	0.27	8.03	18.18	0.087					
2	12101227	1.4307/1.4301/304L/304	0.019	1.71	0.003	0.044	0.30	8.06	18.25	0.090					
3	12101241	1.4307/1.4301/304L/304	0.025	1.76	0.003	0.044	0.27	8.03	18.18	0.087					
4	12101240	1.4307/1.4301/304L/304	0.025	1.73	0.003	0.045	0.26	8.03	18.20	0.086					
5	12101242	1.4307/1.4301/304L/304	0.025	1.73	0.003	0.044	0.24	8.03	18.02	0.088					
6	12101206	1.4307/1.4301/304L/304	0.020	1.72	0.003	0.045	0.20	8.05	18.05	0.085					
7	12101239	1.4307/1.4301/304L/304	0.023	1.72	0.003	0.045	0.28	8.05	18.10	0.085					
=>8	12101241	1.4307/1.4301/304L/304	0.025	1.76	0.003	0.044	0.27	8.03	18.18	0.087					

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 565/ 50(GL) mm	Hardness HRC	Bend Test
1	C049356202	5.00	324	357	649	55	59	82 / 83	
2	E049433802	3.00	324	357	630	58	63	83 / 84	
3	C049404204	5.00	335	369	637	56	60	81 / 82	
4	C049403704	5.00	318	348	612	58	62	81 / 82	
5	C049403105	4.00	314	347	645	56	61	80 / 81	
6	Q049433203	3.00	317	347	657	55	60	83 / 84	
7	C049403402	5.00	332	362	614	57	61	80 / 81	
=>8	E049401303	3.00	350	385	603	57	62	81 / 82	

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 A480/480M-20 & ASME SA480/SA480M SEC. II PART A, ED 2019.

6)-MATERIAL ANNEALED AT MINIMUM 1040 °c & QUENCHED IN WATER AT A SUFFICIENT RATE TO PREVENT RE-PRECIPIATION OF CARBIDES.

7)-IGC TEST AS PER EN ISO 3651-2 METHOD A/ASTM A262 P-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.

10)-PLEASE CONSIDER %EL5.65 S0(GL)mm' VALUE AS A80% FOR THICKNESS <3MM COILS.

MILL TEST CERTIFICATE COMPLIES TO EN 10204 : 2004 TYPE 3.1 EVIDENCING OF EN 10028 - 7 L/C NUMBER : 5095CIM3034186L0 AND ISSUING BANK NAME : UBI BANCA SPA

Under EDGE COLUMN "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 .

Jindal Stainless Limited,
Kalinga Nagar Industrial Complex,
PO: Danagadi, Jajpur
Odisha - 755026, India.
TEL :+91-9078899031,
FAX :+91-06726-266006
Email: QualityMTC@jindalstainless.com
Format Ref: JSLO/FQA-CRM/53.



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



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

Jindal Stainless Limited.
Jajpur, Odisha

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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 HRC	Bend Test	
1	C049356202	5.00	324	357	649	55	59	82 / 83		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	E049433802	3.00	324	357	630	58	63	83 / 84		2)-The DOP(Declaration of performance) No: JSLO/1.4307/CR.
3	C049404204	5.00	335	369	637	56	60	81 / 82		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	C049403704	5.00	318	348	612	58	62	81 / 82		4)-MATERIAL ANNEALED IN ACCORDANCE WITH REQUIREMENTS AS LAID IN 10088-4:10.TABLE A.4.
5	C049403105	4.00	314	347	645	56	61	80 / 81		5)-MATERIALS ALSO FULFILL THE REQUIREMENT OF ASTM A480/480M-20 & ASME SA480/SA480M SEC. II PART A, ED 2019.
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=>8	E049401303	3.00	350	385	603	57	62	81 / 82		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.

10)-PLEASE CONSIDER '%EL5 65 50(GL)mm' VALUE AS A80% FOR THICKNESS <3MM COILS.

MILL TEST CERTIFICATE COMPLIES TO EN 10204 : 2004 TYPE 3.1 EVIDENCING OF EN 10028 - 7

L/C NUMBER : 5095CIM3034186L0 AND ISSUING BANK NAME : UBI BANCA SPA

Under EDGE COLUMN "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 .

Jindal Stainless Limited,
Kalinga Nagar Industrial Complex,
PO: Danagadi, Jajpur
Odisha - 755026, India.
TEL :+91-9078899031,
FAX :+91-06726-266006
Email: QualityMTC@jindalstainless.com
Format Ref: JSLOF/QA-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



Approved acc. to AD2000-Merkblatt W0 and certified acc. to
Pressure Equipment Directive (2014/68/EU) by
TUEV NORD, notified body, reg.no. 0045.
Construction Products Regulation (305/2011/EU)
The Declaration of Performance (DoP), see www.outokumpu.com.
Material conforms to NACE MR0175/ISO 15156 in supplied condition.
Material conforms to NACE MR0103/ISO 17945 in supplied condition.

Additional testing:
ASTM A262 Practice E

Tolerance	Standard	Class
Flatness tolerance	Manual	3
Length	EN 18286/A480/M/EN 10029	ISO 18286 A/A480/M/EN 10029
Thickness	EN 18286/A480/M/EN 10029	ISO 18286/A480/M/EN 10029 B
Width	EN 18286/A480/M/EN 10029	ISO 18286 A/A480/M/EN 10029

The results comply with the requirements of the order - Die gestellten Anforderungen sind erfüllt - Les résultats sont conformes aux exigences de la commande

Outokumpu Stainless AB
BA Quarto Plate, Quarto Plate Europe
SE-, 693 81 DEGERFORS
SWEDEN
Regoffice: SWEDEN

V.A.T no: SE556001874801

, Regno: 556001-8748

Computer generated original
Quality Inspector

Herbert Wasserfaller

Herbert Wasserfaller

