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CML-5200020363

<b>CUSTOMER</b> :SHREE VENKTESH WIRES & STEELS PVT.L	<b>CERTIFICATE NO.</b> :JSL-7011/QA/2022-23/DOM/01243384
<b>CITY</b> :MUMBAI	<b>DATE</b> :01.07.2022 <b>VEHICLE NO.</b> :MH48J0429
<b>P.O.NO.</b> :889314_Svw/Self/PPP8thjune <b>PO DATE:</b> 08.06.2022	<b>Ref. MTC No.</b> :JSL-JRD/QA/2022-23/DOM/01234682
<b>CUSTOMER SPECIFICATION</b> :As per OA/PO agreement	<b>SALES ORDER NO.</b> :0586243476
	<b>SHIPMENT/DELIVERY NO.</b> :6500026425 <b>NET WT(MT)</b> :14.270

Material Description/Product	Grade / Type	Material Specifications	Process-Route
STAINLESS STEEL	316L/316	ASTM A240/A240M-20, ASME SA-240/SA-240M 2021 SEC. II, PART A, IS 6911:2017 AMD. 3	EAF-AOD-LRF-CCS

**PHYSICAL DESCRIPTION**

SR NO.	BATCH NO.	PARENT COIL NO. / PLATE NO.	PKT/PALLET NO.	WEIGHT (MT)	NO. OF PCS	HEAT NO.	THK (mm)	WIDTH (mm)	LENGTH (mm)	FINISH	EDGE	QUALITY
1	DK16977001	0000813335		4.755	13	12202246	5.000	1,500.00	6,000.00	N1	Mill Edge	PRIME
2	DK16977002	0000813335		4.760	13	12202246	5.000	1,500.00	6,000.00	N1	Mill Edge	PRIME
3	DK16977003	0000813335		4.755	13	12202246	5.000	1,500.00	6,000.00	N1	Mill Edge	PRIME

**CHEMICAL ANALYSIS (LADLE)**

HEAT NO.	%C	%Mn	%S	%P	%Si	%Ni	%Cr	%N	%Mo	%Cu	%Ti	%Nb	%Al
12202246	0.023	1.21	0.004	0.045	0.22	10.05	16.07	0.043	2.03	-	-	-	-

**MECHANICAL PROPERTIES: SAMPLE DIRECTION - TRANSVERSE**

Sr No.	Rp 0.2/ YS Mpa	Rp 1.0 Mpa	Rm/ TS Mpa	%EL GL= 50 mm	%EL GL= 80 mm	%EL GL= 5.65/ 80 mm	Hardness HRBW	Bend Test
1	335	-	633	56	-	-	82 / 83	-
2	335	-	633	56	-	-	82 / 83	-
3	335	-	633	56	-	-	82 / 83	-

**ADDITIONAL INFORMATION**

- MATERIAL HAS BEEN SOLLUTION ANNEALED AT MIN 1040° C & QUENCHED IN WATER.
- ABOVE MATERIAL ALSO CONFIRM TO IS 6911:2017 AMD. 3 GRADE 316L/316.
- MATERIALS CONFIRM TO THE REQUIREMENTS AS PER ASTM A480/A480M-20A & ASME SA-480/SA-480M SEC. II PART A-2021

\* THE ABOVE MATERIAL FULLY CONFORMS TO IS 6911:2017 AMD 3 CHEMICAL & MECHANICAL PROPERTIES OF PRODUCT AS TESTED IN ACCORDANCE WITH THE SCHEME OF TESTING & INSPECTION CONTAINED IN BIS CERTIFICATION.  
HOT ROLLED FINISHES : (BL, ANN, N1, 1D, CHQ) & COLD ROLLED FINISHES: (2E, 2D, 2B, BA, NO.4, HL)  
PLATE:- MATERIAL 5.00 MM AND OVER IN THICKNESS AND OVER 250 MM IN WIDTH (AS PER ASTM/ASME STANDARD) & THICKNESS 3 MM OR OVER (AS PER DIN STANDARD)  
SHEET:- MATERIAL UNDER 5.00 MM IN THICKNESS AND 600 MM AND OVER IN WIDTH (AS PER ASTM/ASME STANDARD) & THICKNESS LESS THAN 3 MM (AS PER DIN STANDARD)  
COIL:- IN "PHYSICAL DESCRIPTION"- LENGTH MENTIONED AS "COIL".

<p>Jindal Stainless Limited, Kalinga Nagar Industrial Complex, PO: Danagadi , Jajpur Odisha - 755026, India. TEL :+91-9078899031, FAX :+91-06726-266006 Email: QualityMTC@jindalstainless.com</p>	<p>This is hereby certified that the material was manufactured, sampled, tested &amp; inspected in accordance with requirements of the material specification and has been found to meet the requirements of order.  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.  This is to confirm that all the above material have been melt &amp; manufactured in India</p>	<p>ISO 9001 : 2015 ISO 14001 : 2015 ISO 45001 : 2018 ISO 50001 : 2018 IATF 16949 : 2016 CERTIFIED COMPANY Format Ref: JSLO/F/QA-CRM/32 Rev.01 Eff Date: 24/09/2021</p>	 <p>Name: Hitendra Kumar Pradhan Position: General Manager</p>
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