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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/01210692
<b>CITY</b> :MUMBAI	<b>DATE</b> :09.05.2022 <b>VEHICLE NO.</b> :MH05AM2415
<b>P.O.NO.</b> :807791_SV/FEB/SELF/KRISH <b>PO DATE:</b> 19.02.2022	<b>Ref. MTC No.</b> :JSL-JRD/QA/2022-23/DOM/01206361
<b>CUSTOMER SPECIFICATION</b> :As per OA/PO agreement	<b>SALES ORDER NO.</b> :0586232406
	<b>SHIPMENT/DELIVERY NO.</b> :6500023040 <b>NET WT(MT)</b> :3.025

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
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1	J4A0770357	0000794032		3.025		22200551	3.000	1,500.00	COIL	2B	Mill Edge	PRIME
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**CHEMICAL ANALYSIS (LADLE)**

HEAT NO.	%C	%Mn	%S	%P	%Si	%Ni	%Cr	%N	%Mo	%Cu	%Ti	%Nb	%Al
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22200551	0.022	1.26	0.002	0.043	0.35	10.02	16.19	0.045	2.06	-	-	-	-
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**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
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1	314	-	585	53	-	-	79 / 80	-
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**ADDITIONAL INFORMATION**

- 1)- MATERIAL HAS BEEN SOLLUTION ANNEALED AT MIN 1040° C & QUENCHED IN WATER.
- 2)- ABOVE MATERIAL ALSO CONFIRM TO IS 6911:2017 AMD. 3 GRADE 316L/316.
- 3)- 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.</p> <p>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.</p> <p>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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