

<b>TEST CERTIFICATE ACC TO EN: 10204: 3.1</b>				<b>Format No. QFB-QU-14/R-02</b>																																										
Customer :				Test Certificate No. : <b>EV337349</b>		Date: 11-FEB-2024																																								
Consignee :				W.O. No. : <b>QFSV207787</b>		Date: 11-FEB-2024																																								
P.O.No : <b>EGSI-1116.</b>				Invoice No. : <b>EAV2356647</b>		Date: 11-FEB-2024																																								
Customer Item : <b>-- ASTM/ASME A106B &amp; API 5L X42 PSL1.2 1/2" X SCH 40 X 20 FT LONG</b>				Pre Shipment Invoice No. : <b>PCMV572973</b>		Date: 10-JAN-2024																																								
Specification : <b>ASTM A106/A106M-19a Grade B/ASME BPVC SA-106/SA 106M/ Grade B SECTION II, PART A Edition 2023/API 5L Grade X42 PSL-1 (FORTY-SIXTH EDITION)</b>																																														
Product : <b>HOT FINISHED SEAMLESS STEEL PIPE</b>																																														
Ends : <b>PLAIN ENDS</b>				Bearing No. / Part No.:		NA																																								
Heat Number : <b>5325P</b>				Steel Grade : <b>BS 3059</b>		Batch Number : <b>BVA961</b>																																								
Steel Supplier: <b>ISMT STEEL, JEJURI, PUNE</b>				Manufacturing Route: <b>EAF-LRF-VD-CCM(Fully killed)</b>																																										
Dimensions		Tolerance		Tolerance Inch		Quantity																																								
MM	Inch	+Ve	-Ve UOM	+Ve	-Ve	Number	Meter / Feet																																							
OD : 73.000	2.874	0.550	-0.550 MM	0.0217	-0.0217	81	493.776 / 1620.079																																							
ID : 62.680	2.468	0.000	0.000 MM	0.0000	0.0000			4.440 Ton																																						
WT: 5.160	0.203	10.000	-10.000 P																																											
Length: E/ 6096.000 - 6096.000 MM, E/ 20.001 - 20.001 Feet																																														
<b>% Chemical Composition (EL) - ASTM A751-21</b>				<b>Mechanical Properties : ASME SA/ASTM A370-23/ASTM E8/E8M-22/E18-22/E10-23</b>																																										
EL.	UOM	Min	Max	Mill	Product1	Product2	YS (ReH) psi																																							
C	%		0.2800	0.1550	0.1530	0.1520	U.T.S. (Rm) psi																																							
Si	%	0.1000		0.2100	0.2100	0.2100	% E (A)																																							
S	%		0.0300	0.0030	0.0030	0.0040	50.00 mm																																							
P	%		0.0300	0.0130	0.0120	0.0130	Sample																																							
Mn	%	0.2900	1.0600	1.0100	1.0100	1.0200	Loca tion																																							
Ni	%		0.4000	0.0600	0.0600	0.0500	Orien tation																																							
Cr	%		0.4000	0.1200	0.1100	0.1100	Tensile specimen Dimensions																																							
Mo	%		0.1500	0.0300	0.0300	0.0300	Type																																							
Cu	%		0.4000	0.1300	0.1200	0.1300	Width (mm)																																							
Sn	%			0.0070	0.0070	0.0070	WT (mm)																																							
Al	%			0.0290	0.0290	0.0300																																								
Ti	%		0.1500	0.0023	0.0023	0.0022																																								
V	%		0.0800	0.0032	0.0031	0.0031																																								
As	%			0.0040	0.0040	0.0040																																								
Ca	%			0.0011	0.0011	0.0010																																								
B	%			0.0005	0.0005	0.0004																																								
Nb	%		0.1500	0.0032	0.0031	0.0032																																								
CE	%			0.3666	0.3620	0.3626																																								
Tensile strength at ambient temperature																																														
Abbreviations : P:Pipe Body, U:Upset,T:Transverse, L:Longitudinal																																														
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="8">Type of reference indicator used :</th> </tr> <tr> <th rowspan="2">Notch Orientation</th> <th colspan="2">Notch</th> <th colspan="2">Notch</th> <th colspan="2">Notch</th> <th rowspan="2">Drill Hole</th> </tr> <tr> <th>Depth</th> <th>UOM</th> <th>Length</th> <th>UOM</th> <th>Width</th> <th>UOM</th> <th>Notch Type</th> </tr> <tr> <td>Longitudinal ID</td> <td>0.5200</td> <td>mm</td> <td>50.0000</td> <td>mm</td> <td>0.4000</td> <td>mm</td> <td>N NOTCH</td> </tr> <tr> <td>Longitudinal OD</td> <td>0.5200</td> <td>mm</td> <td>50.0000</td> <td>mm</td> <td>0.4000</td> <td>mm</td> <td>N NOTCH</td> </tr> </table>								Type of reference indicator used :								Notch Orientation	Notch		Notch		Notch		Drill Hole	Depth	UOM	Length	UOM	Width	UOM	Notch Type	Longitudinal ID	0.5200	mm	50.0000	mm	0.4000	mm	N NOTCH	Longitudinal OD	0.5200	mm	50.0000	mm	0.4000	mm	N NOTCH
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Ultrasonic Test (ASTM E213-22)				: Ok																																										
Flattening Test (As Per Specn.)				: Ok																																										
Hydrostatic Test (As Per Specn.)				: Ok		2970 psi																																								
				Test Duration: 5 Second Minimum																																										
We hereby certify that the material has been manufactured, sampled, tested and inspected in accordance with Specification and Purchase order referred above and has been found to meet the requirements																																														