


ISMT LIMITED

Solutions You Can Trust

TEST CERTIFICATE ACC TO EN: 10204: 3.1				Format No. QFB-QU-14/R-02			
Customer :				Test Certificate No. :EV337314		Date: 09-FEB-2024	
Consignee :				W.O. No. :QFSV207787		Date: 09-FEB-2024	
				Invoice No. :EAV2356625		Date: 09-FEB-2024	
				Pre Shipment Invoice No. : PCMV572965			
P.O.No : ECSI -1116.				Date: 10-JAN-2024			
Customer Item : -- ASTM/ASME A106B & API 5L X42 PSL1.2 1/2" X SCH 40 X 20 FT LONG							
Specification : 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)							
Product : HOT FINISHED SEAMLESS STEEL PIPE							
Ends : PLAIN ENDS				Bearing No. / Part No.: NA			
Lot Number : 5325P		Steel Grade : DU 3059		Batch Number : DVA961			
Steel Supplier: ISMT STEEL, JEJURI, PUNE Manufacturing Route: EAF-LRF-VD-CCM(Fully killed)							
Dimensions		Tolerance		Tolerance Inch		Quantity	
MM	Inch	+Ve	-Ve	UOM	+Ve	-Ve	
OD : 73.000	2.874	0.550	-0.550	MM	0.0217	-0.0217	
ID : 62.680	2.468	0.000	0.000	MM	0.0000	0.0000	
WT: 5.160	0.203	10.000	-10.000	P			
				Number		Meter / Feet	
				37		225.552 / 740.036	
				Weight			
				2.040 Ton			
				Length: E/ 6096.000 - 6096.000 MM, E/ 20.001 - 20.001 Feet			
% Chemical Composition (EL) – ASTM A751-21				Mechanical Properties : ASME SA/ASTM A370-23/ASTM E8/E8M-22/E18-22/E10-23			
EL	UOM	Min	Max	Mill	Product1	Product2	
C	%		0.2800	0.1550	0.1530	0.1520	
Si	%	0.1000		0.2100	0.2100	0.2100	
S	%		0.0300	0.0030	0.0030	0.0040	
P	%		0.0300	0.0130	0.0120	0.0130	
Mn	%	0.2900	1.0600	1.0100	1.0100	1.0200	
Ni	%		0.4000	0.0600	0.0600	0.0500	
Cr	%		0.4000	0.1200	0.1100	0.1100	
Mo	%		0.1500	0.0300	0.0300	0.0300	
Cu	%		0.4000	0.1300	0.1200	0.1300	
Sn	%			0.0070	0.0070	0.0070	
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	
				YS (ReH) psi 0.5% EUL			
				U.T.S. (Rm) psi			
				% E (A) 50.00 mm			
				Sample Location Orientation			
				Tensile specimen Dimensions			
				Type Width (mm) WT (mm)			
				Min 42100.00 60200.00 22.00			
				Max			
				I 48101.51 70616.20 40.84 P L Strip 19.63 5.14			
Tensile strength at ambient temperature							
Abbreviations : P:Pipe Body, U:Upset, T:Transverse, L:Longitudinal							
Ultrasonic Test (ASTM E213-22) : Ok							
Type of reference indicator used :							
Notch Orientation	Notch Depth	UOM	Notch Length	UOM	Notch Width	UOM	Drill Hole Dia
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
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							

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 AKSHAY S SHINDE ASSISTANT (S-II) Authorized signatory			