

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. :EU335771		Date: 18-JAN-2023		
Consignee :				W.O. No. :QFSU199733		Date: 18-JAN-2023		
				Invoice No. :EAU2256886		Date: 18-JAN-2023		
				Pre Shipment Invoice No. : PCMU571663				
P.O.No : PO-43474		Date: 08-NOV-2022		LC : HACH7913341M				
Customer Item : ITEM NO. 1 SEAMLESS TUBE 1.5" X SCH 80, PO NO : 25695								
Specification : ASTM A53M-20 Grade B/ASTM A106/A106M-19a Grade B/ASME BPVC SA-53/SA-53M Grade B/SA-106/SA-106M Grade B SECTION II, PART A Edition 2021/API 5L Grade B PSL-1/X42 PSL-1 (FORTY-SIXTH EDITION)								
Product : HOT FINISHED SEAMLESS STEEL PIPE								
Ends : PLAIN ENDS				Bearing No. / Part No.: NA				
Heat Number : 9269N		Steel Grade : BS 3059		Batch Number : BUA331				
Steel Supplier: ISMT STEEL, JEJURI, PUNE				Manufacturing Route: EAF-LRF-VD-CCM(Fully killed)				
Dimensions		Tolerance		Tolerance Inch		Quantity		
MM	Inch	+Vc	-Vc UOM	+Vc	-Ve	Number	Meter / Feet	
OD : 48.300	1.902	0.400	-0.400 MM	0.0157	-0.0157	37	225.552 / 740.036	
ID : 38.140	1.502	0.000	0.000 MM	0.0000	0.0000			
WT: 5.080	0.200	10.000	-10.000 P				Length: E/ 6096.000 - 6096.000 MM, E/ 20.001 - 20.001 Feet	
% Chemical Composition (EL) - ASTM A751-21				Mechanical Properties : ASME SA/ASTM A370-22/ASTM E8/E8M-22/E18-22/E10-18				
EL	UOM	Min	Max	Mill	Product1	Product2	YS (R_{0.2}) (PSI)	
C	%		0.2800	0.1300	0.1301	0.1300	65K BUL	
Si	%	0.1000		0.2400	0.2395	0.2397		
S	%		0.0100	0.0040	0.0039	0.0038	Min 42100.00	
P	%		0.0300	0.0150	0.0148	0.0146	Max	
Mn	%	0.2900	1.3000	1.0300	1.0290	1.0300	1 46480.11	
Ni	%		0.4000	0.0600	0.0590	0.0590	68440.11	
Cr	%		0.4000	0.0700	0.0690	0.0700	35.04	
Mo	%		0.1500	0.0200	0.0199	0.0198	P L	
Cu	%		0.4000	0.1900	0.1890	0.1900		
Sn	%			0.0100	0.0100	0.0100		
Al	%			0.0200	0.0201	0.0200		
Ti	%		0.1500	0.0024	0.0023	0.0022		
V	%		0.0600	0.0024	0.0023	0.0022		
As	%			0.0058	0.0057	0.0058		
Ca	%			0.0007	0.0006	0.0007		
B	%		0.0010	0.0004	0.0003	0.0004		
Nb	%		0.0600	0.0023	0.0022	0.0023		
CE	%			0.3368	0.3364	0.3367		
				Tensile strength at ambient temperature				
				Abbreviations : P:Pipe Body, U:Upset, T:Transverse, L:Longitudinal				
				Tensile specimen Dimensions				
				Type		Width (mm)	WT (mm)	
				Strip		18.98	5.24	
Ultrasonic Test (ASTM E213-22) :Ok								
Type of reference indicator used :								
Notch Orientation	Notch		Notch		Notch		Drill Hole	
	Depth	UOM	Length	UOM	Width	UOM	Notch Type	Dia UOM
Longitudinal ID	0.5100	mm	50.0000	mm	0.4000	mm	N NOTCH	
Longitudinal OD	0.5100	mm	50.0000	mm	0.4000	mm	N NOTCH	
Bend Test (As Per Specn.) :Ok								
Hydrostatic Test (As Per Specn.) :Ok 2970 PSI Test Duration: 5 Second Minimum								
Remarks :								

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. :EU335771	Date: 18-JAN-2023
Consignee :	W.O. No. :QFSU199733	
	Invoice No. :EAU2256886	Date: 18-JAN-2023
	Pre Shipment Invoice No. : PCMU571663	

Remarks :

I. NO WELD REPAIR PERFORMED.

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.


RAJENDRA V BHISE
SUPERVISOR
Authorized signatory