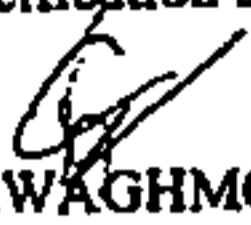


**ISMT LIMITED**  
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<b>TEST CERTIFICATE ACC TO EN: 10204: 3.1</b>				<b>Format No. QFB-QU-14/R-02</b>					
Customer :				Test Certificate No. :EU335765		Date: 18-JAN-2023			
Consignee :				W.O. No. :QFSU199739					
				Invoice No. :EAU2256882		Date: 18-JAN-2023			
				Pre Shipment Invoice No. : PCMU571660					
P.O.No : PO-43474		Date: 08-NOV-2022		LC : HACH791334IM					
Customer Item : ITEM NO. 7 SEAMLESS TUBE 4" X SCH80, PO NO. 25.095									
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				Bearing No. / Part No.: NA					
Ends : BEVELLED ENDS				Batch Number : BUL734					
Heat Number : 8454N		Steel Grade : BS 3059		Manufacturing Route: EAF LRF VD CCM(Fully killed)					
Steel Supplier: ISMT STEEL, JERURU, PUNE									
<b>Dimensions</b>		<b>Tolerance</b>		<b>Tolerance Inch</b>		<b>Quantity</b>			
MM Inch		+Ve -Ve UOM		+Ve -Ve		Number Meter / Feet Weight			
OD : 114.300 4.500		0.800 -0.800 MM		0.0315 -0.0315		100 609.600 / 2000.000 13.770 Tons			
ID : 97.180 3.826		0.000 0.000 MM		0.0000 0.0000		Length: E/ 6096.000 - 6096.000 MM, E/ 20.001 - 20.001 Feet			
WT: 8.560 0.337		10.000 -10.000 P							
<b>% Chemical Composition (EL) - ASTM A751-21</b>				<b>Mechanical Properties : ASME SA/ASTM A370-22/ASTM E8/E8M-22/E18-22/E10-18</b>					
EL	UOM	Min	Max	Min	Product1	Product2			
C	%		0.2800	0.1500	0.1510	0.1520	YS (ReH) PSI 0.5% EUL		
Si	%	0.1000		0.2100	0.2090	0.2080	U.T.S. (Rm) PSI		
S	%		0.0100	0.0040	0.0040	0.0040	% E (A) 50.000MM		
P	%		0.0300	0.0120	0.0120	0.0130	Sample Location Orientation		
Mn	%	0.2900	1.3000	1.0100	1.0100	1.0100	Surface Hardness HBW		
Ni	%		0.4000	0.0800	0.0800	0.0800	Tensile specimen Dimensions Type Width (mm) WT (mm)		
Cr	%		0.4000	0.0700	0.0700	0.0700	Min 42100.00 60200.00 24.00		
Mo	%		0.1500	0.0250	0.0250	0.0260	Max 48286.41 68596.56 37.56		
Cu	%		0.4000	0.2000	0.1980	0.1970	1 P L 134 - 135 Strip 19.32 8.5		
Sn	%			0.0110	0.0110	0.0100	Tensile strength at ambient temperature		
Al	%			0.0270	0.0270	0.0280	Abbreviations : P:Pipe Body, U:Upset, T:Transverse, L:Longitudinal		
Ti	%		0.1500	0.0021	0.0021	0.0022			
V	%		0.0600	0.0023	0.0023	0.0023			
As	%			0.0068	0.0068	0.0067			
Ca	%			0.0011	0.0011	0.0012			
B	%		0.0010	0.0004	0.0004	0.0005			
Pb	%		0.0010	0.0004	0.0004	0.0005			
CE	%			0.3565	0.3573	0.3585			
Ultrasonic Test (ASTM E213-22) : OK									
Type of reference indicator used :									
Notch Orientation	Notch		Notch		Notch		Notch Type	Drill Hole Dia UOM	
	Depth	UOM	Length	UOM	Width	UOM			
Longitudinal ID	0.8000	mm	10.0000	mm	0.1000	mm	W NOTCH		
Longitudinal OD	0.8500	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	
Remarks :									

ISMT Tube Plant B  
B-13, MIDC, Baramati - 413 133, Maharashtra, India.  
Phone : +91 2112 243861 - 65 | Fax : +91 2112 243873  
www.ismt.com  
CIN : L27109PN1998PLC016417

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<b>TEST CERTIFICATE ACC TO EN: 10204: 3.1</b>		<b>Format No. QFB-QU-14/R-02</b>	
Customer :	Test Certificate No. :EU335765	Date: 18-JAN-2023	
Consignee :	W.O. No. :QFSU199739		
	Invoice No. :EAU2256882	Date: 18-JAN-2023	
	Pre Shipment Invoice No. : PCMU571660		
<b>Remarks :</b>			
1. 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.			
			
S.S. WAGHMODE EXECUTIVE Authorized signatory			