

TEST CERTIFICATE ACC TO EN: 10204: 3.1 Format No. QFB-QU-14/R-02

Customer :	Test Certificate No. :EV337355	Date: 11-FEB-2024
Consignee :	W.O. No. :QFSV207795	
	Invoice No. :EA V2356651	Date: 11-FEB-2024
	Pre Shipment Invoice No. : PCMV572974	

P.O.No : ECSI -1116. Date: 10-JAN-2024
 Customer Item : - ASTM/ASME A106B & API 5L X42 PSL1, 6" X SCH 80 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
 Heat Number : 5214P Steel Grade : BS 3059 Batch Number : BVA740
 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	Number	Meter / Feet	Weight
OD : 168.300	6.626	1.260	-0.800 MM	0.0496	-0.0315	03	18.288 / 60.003	0.780 Ton
ID : 146.360	5.762	0.000	0.000 P			Length: E/ 6096.000 - 6096.000 MM, E/ 20.001 - 20.001 Feet		
WT: 10.970	0.432	10.000	-10.000 P					

% 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	YS (RcH) psi	U.T.S. (Rm) psi	% E (A) 50.00 mm	Sample Location		Tensile specimen Dimensions		
												Type	Width (mm)	WT (mm)
C	%		0.2800	0.1300	0.1300	0.1300								
Si	%	0.1000		0.1900	0.1800	0.1900								
S	%		0.0300	0.0020	0.0020	0.0030	Min 42100.00	60200.00	27.00					
P	%		0.0300	0.0100	0.0100	0.0100	Max							
Mn	%	0.2900	1.0600	1.0200	1.0100	1.0100	I 43166.20	67629.41	45.86	P	L	Strip	25.35	11.22
Ni	%		0.4000	0.0500	0.0500	0.0400	Tensile strength at ambient temperature							
Cr	%		0.4000	0.1100	0.1100	0.1100	Abbreviations : P:Pipe Body, U:Upset,T:Transverse, L:Longitudinal							
Mo	%		0.1500	0.0200	0.0200	0.0200								
Cu	%		0.4000	0.1300	0.1200	0.1300								
Sn	%			0.0080	0.0080	0.0080								
Al	%			0.0270	0.0260	0.0270								
Ti	%		0.1500	0.0018	0.0018	0.0017								
V	%		0.0800	0.0021	0.0020	0.0020								
As	%			0.0039	0.0039	0.0038								
Ca	%			0.0010	0.0010	0.0010								
B	%			0.0003	0.0003	0.0002								
Nb	%		0.1500	0.0029	0.0028	0.0027								
CE	%			0.3384	0.3361	0.3361								

Flattening Test (As Per Specn.) :Ok


Hydrostatic Test (As Per Specn.) :Ok 2970 psi Test Duration: 5 Second Minimum

Leakage Flux (ASTM E570-20) :Ok

Type of reference indicator used :

Notch Orientation	Notch		Notch		Notch		Notch Type	Drill Hole	
	Depth	UOM	Length	UOM	Width	UOM		Dia	UOM
Longitudinal ID	1.3700	mm	50.0000	mm	0.4000	mm	N NOTCH		
Longitudinal OD	1.3700	mm	50.0000	mm	0.4000	mm	N NOTCH		

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.

TEST CERTIFICATE ACC TO EN: 10204: 3.1		Format No. QFB-QU-14/R-02	
Customer :	Test Certificate No. :EV337355	Date: 11-FEB-2024	
Consignee :	W.O. No. :QFSV207795		
	Invoice No. :EAV2356651	Date: 11-FEB-2024	
	Pre Shipment Invoice No. : PCMV572974		
 S.S. WAGHMODE SENIOR OFFICER Authorized signatory			