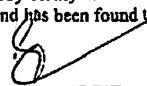


TEST CERTIFICATE ACC TO EN: 10204: 3.1				Format No. QFB-QU-14/R-03											
Customer :				Test Certificate No. :EW24300670		Date: 08-JAN-2025									
Consignee :				W.O. No. :QFSW8898010		Invoice No. :353251100199									
Date: 30-NOV-2024															
P.O.No : EGS1 -1123				Date: 25-SEP-2024											
Customer Item : - SEAMLESS BLACK PE PIPES AS PER ASTM A106B/ASME 106B/API 5L X42 GRADES SIZE: 6 X SCH 80															
Specification : ASTM A106/A106M-19a Grade B/ASME BPVC SA-106/SA 106M/ Grade B SECTION II, PART A Edition 2023/API 5LGrade X42 PSL-1 (FORTY-SIXTH EDITION)															
Product : HOT FINISHED SEAMLESS STEEL PIPE															
Ends : PLAIN ENDS															
Heat Number : 8942P		Steel Grade : BS 3059		Confirms to : BS 3059		Batch Number : BWK0334									
Steel Supplier: KFIL (STEEL DIV),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								
OD : 168.300	6.626	0.049	-0.031 INCH			07	42.672 / 140.007								
ID : 146.360	5.762	0.000	0.000 INCH				1.919 Ton								
WT: 10.970	0.432	10.000	-10.000	P		Length: E/ 240.000 - 240.000 MM, E/ 0.787 - 0.787 Fcct									
% Chemical Composition (EL) – ASTM A751-21				Mechanical Properties : ASME SA/ASTM A370-24/ASTM E8/E8M-24/E18-24/E10-23											
EL.	UOM	Min	Max	Mill	Product1	Product2	YS (ReH) psi	U.T.S. (Rm) psi	% E (A)	Sample Location	Orien tation	Tensile specimen Dimensions			
C	%		0.2800	0.1355	0.1355	0.1356						Type	Width (mm)	WT (mm)	
Si	%	0.1000		0.2300	0.2350	0.2330									
S	%		0.0300	0.0040	0.0042	0.0043	Min	42100.00	60200.00	25.00					
P	%		0.0300	0.0130	0.0120	0.0130	Max								
Mn	%	0.2900	1.0600	1.0300	1.0230	1.0220	1	45427.62	67856.98	35.66	P	L	Strip	19.28	11.13
Ni	%		0.4000	0.0600	0.0620	0.0660	Tensile strength at ambient temperature								
Cr	%		0.4000	0.0900	0.0920	0.0910	Abbreviations : P:Pipe Body, U:Upset,T:Transverse, L:Longitudinal								
Mo	%		0.1500	0.0150	0.0160	0.0150									
Cu	%		0.4000	0.1900	0.1920	0.1990									
Sn	%			0.0100	0.0100	0.0100									
Al	%			0.0370	0.0360	0.0350									
Ti	%		0.1500	0.0022	0.0023	0.0021									
V	%		0.0800	0.0026	0.0026	0.0021									
As	%			0.0046	0.0046	0.0040									
Ca	%			0.0014	0.0014	0.0013									
B	%			0.0005	0.0004	0.0005									
Nb	%		0.1500	0.0033	0.0031	0.0033									
CE	%			0.3454	0.3451	0.3452									
Flattening Test (As Per Specn.)				: Ok											
Hydrostatic Test (As Per Specn.)				: Ok		2970 psi		Test Duration: 5 Second Minimum							

TEST CERTIFICATE ACC TO EN: 10204: 3.1				Format No. QFB-QU-14/R-03				
Customer :				Test Certificate No. :EW24300670		Date: 08-JAN-2025		
Consignee :				W.O. No. :QFSW8898010		Invoice No. :353251100199		
						Date: 30-NOV-2024		
Leakage Flux (ASTM E570-20)				:Ok				
Type of reference indicator used :								
Notch Orientation	Notch		Notch		Notch		Drill Hole	
	Depth	UOM	Length	UOM	Width	UOM	Notch Type	Dia
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	
Remarks :								
1.								
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 SENIOR OFFICER Authorized signatory								