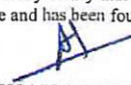


TEST CERTIFICATE ACC TO EN: 10204: 3.1							Format No. QFB-QU-14/R-03								
Customer :							Test Certificate No. :EW24300329 Date: 27-NOV-2024								
Consignee :							W.O. No. :QFSW8898007								
							Invoice No. :353251100166 Date: 27-NOV-2024								
P.O.No :EGSI -1123							Date: 25-SEP-2024								
Customer Item : - SEAMLESS BLACK PE PIPES AS PER ASTM A106B/ASME 106B/API 5L X42 GRADES SIZE: 2 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 : 8987P				Steel Grade : BS 3059				Confirms to : BS 3059				Batch Number : BWJ0674			
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	Weight							
OD : 60.300	2.374	0.017	-0.017 INCH			665	4053.500 / 13299.534	30.423 Ton							
ID : 49.220	1.938	0.000	0.000 INCH			Length: E/ 240.000 - 240.000 MM, E/ 0.787 - 0.787 Feet									
WT: 5.540	0.218	0.000	0.000 P												
% 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) 50.00 mm	Sample		Tensile specimen Dimensions			
C	%		0.2800	0.1450	0.1450	0.1448				Loca	Orien	Type	Width (mm)	WT (mm)	
Si	%	0.1000		0.2100	0.2098	0.2099	0.5% EUL			tion	ation				
S	%		0.0300	0.0040	0.0039	0.0038	Min 42100.00	60200.00	22.00						
P	%		0.0300	0.0090	0.0089	0.0090	Max								
Mn	%	0.2900	1.0600	1.0200	1.0190	1.0200	1 52325.68	77073.35	32.10	P	L	Strip	19.3	4.98	
Ni	%		0.4000	0.0700	0.0695	0.0698	2 51984.33	76817.34	32.76	P	L	Strip	19.38	5.58	
Cr	%		0.4000	0.0800	0.0798	0.0797	Tensile strength at ambient temperature								
Mo	%		0.1500	0.0300	0.0295	0.0298	Abbreviations : P:Pipe Body, U:Upset,T:Transverse, L:Longitudinal								
Cu	%		0.4000	0.1400	0.1390	0.1400									
Sn	%			0.0070	0.0068	0.0069									
Al	%			0.0330	0.0329	0.0329									
Ti	%		0.1500	0.0020	0.0018	0.0019									
V	%		0.0800	0.0028	0.0027	0.0028									
As	%			0.0045	0.0044	0.0045									
Ca	%			0.0015	0.0014	0.0015									
B	%			0.0005	0.0004	0.0005									
Nb	%		0.1500	0.0033	0.0032	0.0033									
Sb	%			0.0033	0.0032	0.0033									
Pb	%			0.0016	0.0015	0.0016									
CE	%			0.3516	0.3511	0.3512									
Ultrasonic Test (ASTM E213-22)							: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	0.5500	mm	50.0000	mm	0.4000	mm	N NOTCH								
Longitudinal OD	0.5500	mm	50.0000	mm	0.4000	mm	N NOTCH								

TEST CERTIFICATE ACC TO EN: 10204: 3.1		Format No. QFB-QU-14/R-03	
Customer :	Test Certificate No. :EW24300329	Date: 27-NOV-2024	
Consignee :	W.O. No. :QFSW8898007		
	Invoice No. :353251100166	Date: 27-NOV-2024	
Bend 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.			
			
AKSHAY S SHINDE ASSISTANT (S-II) Authorized signatory			