


TEST CERTIFICATE ACC TO EN: 10204: 3.1							Format No. QFB-QU-14/R-03								
Customer : EXEL GLOBAL SOURCING INC							Test Certificate No. :EW24300688 Date: 27-FEB-2025								
Consignee : SUNBELT GROUP L.P.							W.O. No. :QFSW11392003 Invoice No. :353251100286 Date: 27-FEB-2025								
P.O.No :EGSI-1125							Date: 07-JAN-2025								
Customer Item : - CS SEAMLESS BLACK PE PIPES AS PER ASTM A106B/ASME 106B/API 5L X42 ASTM A53B/ASME SA53B GRADES SIZE: 4 X SCH 40															
Specification :ASTM A106/A106M-19a Grade B/A53/A53M-24 Grade B/ASME BPVC SA-53/SA- 53M/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 : BEVELLED ENDS															
Heat Number : 0310Q				Steel Grade : BS 3059				Confirms to : BS 3059				Batch Number : BXB0284			
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 : 114.300	4.500	0.031	-0.031	INCH	0.0310	-0.0310	57	347.400 / 1139.819		5.571 Ton					
ID : 102.260	4.026	0.000	0.000	INCH	0.0000	0.0000	Length: E/ 240.000 - 240.000 INCH E/ 20.000 - 20.000 Feet								
WT: 6.020	0.237	10.000	-10.000	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	0.1440				Loca	Orien	Type	Width (mm)	WT (mm)	
Si	%	0.1000		0.2200	0.2190	0.2180	0.5% EUL			tion	ation				
S	%		0.0300	0.0050	0.0050	0.0040	Min	42100.00	60200.00	24.00					
P	%		0.0300	0.0160	0.0150	0.0150	Max								
Mn	%	0.2900	1.0600	1.0300	1.0200	1.0300	1	52155.01	71313.12	38.40	P	L	Strip	25.38 6.28	
Ni	%		0.4000	0.0800	0.0700	0.0800	Tensile strength at ambient temperature								
Cr	%		0.4000	0.1250	0.1240	0.1230	Abbreviations : P:Pipe Body, U:Upset,T:Transverse, L:Longitudinal								
Mo	%		0.1500	0.0200	0.0200	0.0200									
Cu	%		0.4000	0.1500	0.1480	0.1470									
Sn	%			0.0080	0.0070	0.0080									
Al	%			0.0300	0.0300	0.0290									
Ti	%		0.1500	0.0022	0.0021	0.0022									
V	%		0.0800	0.0026	0.0026	0.0027									
As	%			0.0043	0.0043	0.0044									
Ca	%			0.0010	0.0010	0.0010									
B	%			0.0005	0.0005	0.0005									
Nb	%	0.1500	0.0026	0.0026	0.0026	0.0025									
Sb	%			0.0021	0.0021	0.0020									
Pb	%			0.0010	0.0010	0.0010									
CE	%			0.3615	0.3589	0.3599									
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	0.6000	mm	50.0000	mm	0.4000	mm	N NOTCH								
Longitudinal OD	0.6000	mm	50.0000	mm	0.4000	mm	N NOTCH								

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Customer : EXEL GLOBAL SOURCING INC	Test Certificate No. :EW24300688	Date: 27-FEB-2025	
Consignee : SUNBELT GROUP L.P.	W.O. No. :QFSW11392003		
	Invoice No. :353251100286	Date: 27-FEB-2025	
Flattening Test (As Per Specn.)		:Ok	
Hydrostatic Test (As Per Specn.)		:Ok	2670 MPa 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.			
			
S.S. WAGHMODE SENIOR OFFICER Authorized signatory			