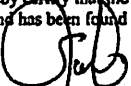


TEST CERTIFICATE ACC TO EN: 10204: 3.1				Format No. QFB-QU-14/R-03											
Customer :				Test Certificate No. :EW24300709		Date: 01-MAR-2025									
Consignee :				W.O. No. :QFSW11392017		Invoice No. :353251100292									
P.O.No :EGSI -1125				Date: 07-JAN-2025											
Customer Item : - CS SEAMLESS BLACK PE PIPES AS PER ASTM A106B/ASME 106B/API 5L X42 ASTM A53B/ASME SA53B GRADES SIZE: 6 X SCH 80															
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 : 0430Q		Steel Grade : BS 3059		Confirms to : BS 3059		Batch Number : BXB0564									
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	0.0490	-0.0310	14	85.400 / 280.197								
ID : 146.360	5.762	0.000	0.000 INCH	0.0000	0.0000										
WT: 10.970	0.432	10.000	-10.000 P				Length: E/ 240.000 - 240.000 INCH E/ 20.000 - 20.000 Feet								
% Chemical Composition (EL) -ASTM A751-21				Mechanical Properties : ASME SA/ASTM A370-24a/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 Location	Orientation	Tensile specimen Dimensions			
C	%		0.2800	0.1300	0.1310	0.1320						Type	Width (mm)	WT (mm)	
Si	%	0.1000		0.2500	0.2490	0.2480									
S	%		0.0300	0.0060	0.0060	0.0070	Min	42100.00	60200.00	27.00					
P	%		0.0300	0.0120	0.0120	0.0110	Max								
Mn	%	0.2900	1.0600	1.0000	1.0000	0.9900	I	49097.11	69890.84	39.96	P	L	Strip	25.46	10.9
Ni	%		0.4000	0.0600	0.0500	0.0600	Tensile strength at ambient temperature								
Cr	%		0.4000	0.1000	0.0900	0.0900	Abbreviations : P:Pipe Body, U:Upset,T:Transverse, L:Longitudinal								
Mo	%		0.1500	0.0200	0.0200	0.0200									
Cu	%		0.4000	0.1100	0.1080	0.1090									
Sn	%			0.0070	0.0060	0.0070									
Al	%			0.0290	0.0280	0.0290									
Ti	%		0.1500	0.0022	0.0022	0.0023									
V	%		0.0800	0.0025	0.0024	0.0025									
As	%			0.0042	0.0042	0.0041									
Ca	%			0.0015	0.0015	0.0016									
B	%			0.0004	0.0004	0.0005									
Nb	%		0.1500	0.0023	0.0023	0.0024									
CE	%			0.3325	0.3307	0.3308									
Flattening Test (As Per Specn.)				:Ok											
Hydrostatic Test (As Per Specn.)				:Ok				2970 psi		Test Duration: 5 Second Minimum					

Baramati Tube Plant

Works: B -13, MIDC, Baramati - 413 133, Maharashtra, India
Phone : +91 2112 243861 - 65 | Fax: +91 2112 243873
Website : www.kirloskarferrous.com
CIN Number : L27101PN1991PLC063223

TEST CERTIFICATE ACC TO EN: 10204: 3.1						Format No. QFB-QU-14/R-03					
Customer :						Test Certificate No. :EW24300709 Date: 01-MAR-2025					
Consignee :						W.O. No. :QFSW11392017					
						Invoice No. :353251100292 Date: 01-MAR-2025					
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	0.5000	mm	N NOTCH				
Longitudinal OD	1.3700	mm	50.0000	mm	0.5000	mm	N NOTCH				
<p>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.</p> <div style="text-align: center; margin-top: 10px;">  <p>SUNIL MAHADEO KHARTODE ASSISTANT OFFICER Authorized signatory</p> </div>											