

**MILL TEST CERTIFICATE**

A02 - EN 10204 3.1

A06 - BOL No PS103374 B01 - Standard ASTM A53  
 Release No REL017953 A06 - Customer Name  
 B01 - Product ERHW STEEL PIPES Customer PO 367142-01  
 B02 - Material GRA  
 A07 - Sales Order SO-010819

No.	B09 - B10 - B11		B06 - B12 - B13		Actual Weight	Pipe Type	HT Psi	HT Sec	BD	NDT	EL	NP	External Coating Norm	U/F/M	Delivery Condition
	NPS (inch)	WT (inch)	Length (Feet)	Pieces											
1	3/4	0.113	21.00	588	12,348.00	13,953.24	Varnished Plain End	700	5	0	OK	0.00	0.00	RAL 9005	

No.	Heat No	B07			C71			Cu	N	B	Ceq						
		C	SI	Min	P	S	AI					V	Nb	TI	Mo	Cr	NI
1	HA002731	5.4	1.3	53.7	17.8	10.3	35.1	0.0	7.4	0.8	1.7	20.4	12.1	4.6	2.6	0.2	0.1
2	HA002695	5.9	1.7	55.3	16.0	10.8	38.0	0.0	6.2	0.9	1.9	14.9	12.5	4.3	0.1	0.2	0.1
3	HA002761	6.2	1.7	55.8	16.2	11.2	36.2	0.0	6.6	1.0	2.1	15.2	12.3	4.6	0.0	0.2	0.1

No.	Heat No	B07		C11		C12		C13	
		Re Psi	Rm Psi	Re Psi	Rm Psi	A %	A %	A %	A %
1	HA002731	57.145	64.687	35	35				
2	HA002695	54.244	63.092	35	35				
3	HA002761	55.260	63.962	37	37				

Note: We hereby certify that the material described above complies with the terms of order contract. The values for the C/Mn and Si elements have been multiplied by 100 and the remaining chemical elements' values have been multiplied by 1000.

Description

1 / 1

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