



6600 South Harlem Avenue
Argo, IL 60501-1930

Material Test Report

SUPERIOR SUPPLY & STEEL
318 CITY'S SERVICE HWY
SULPHUR, LA 70663
PO: P0211337-01

Quantity

Product

Heat Code

Heat Treatment Info

Steel Mill

Quantity	Product	Heat Code	Heat Treatment Info	Steel Mill																
84	1" Std LR 90° Elbow	A175250	Hot Formed	PLYMOUTH TUBE CO.																
				A 234 WPB-13 Dimensional Specification: B16.9																
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2	
0.18	0.70	0.008	0.013	0.25	0.11	0.08	0.10	0.030	0.00	0.020	0.003	-	0.000	69,600	39,900	45.00	-	151	152	
CE (IIV): 0.336																				

Quantity	Product	Heat Code	Heat Treatment Info	Steel Mill																
22	6" Std LR 45° Elbow	JE0076	Hot Formed	V & M STAR																
				A 234 WPB-15 Dimensional Specification: B16.9																
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2	
0.21	1.04	0.012	0.003	0.25	0.11	0.04	0.13	0.010	0.06	0.031	0.003	0.0003	0.000	80,300	39,900	36.60	64.60	160	160	
CE (IIV): 0.433																				
CE (PCM): 0.291																				

Quantity	Product	Heat Code	Heat Treatment Info	Steel Mill																
28	3" Std LR 45° Elbow	A183960	Hot Formed	PLYMOUTH TUBE CO.																
				A 234 WPB-13 Dimensional Specification: B16.9																
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2	
0.21	1.02	0.010	0.012	0.33	0.15	0.06	0.15	0.030	0.05	0.022	0.000	-	0.001	84,200	39,900	22.90	-	181	183	
CE (IIV): 0.441																				

Quantity	Product	Heat Code	Heat Treatment Info	Steel Mill																
32	1 1/2" Std LR 45° Elbow	A186577	Hot Formed	MICHIGAN SEAMLESS																
				A 234 WPB-13 Dimensional Specification: B16.9																
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2	
0.18	0.71	0.008	0.020	0.22	0.16	0.06	0.15	0.020	0.00	0.022	0.000	0.0000	0.000	72,600	39,900	22.90	-	159	159	
CE (IIV): 0.347																				
CE (PCM): 0.241																				

We hereby certify that the material meets the following:

- All fittings and flanges meet NACE MRO-175/ISO 15156-Latest Revision.
- All fittings and flanges meet NACE MRO-103 - Latest Revision
- All non high-yield fittings meet the requirements of ASTM A-234 WPB (AND SA-234)
- All fittings are seamless except as noted.
- All non-high yield flanges meet the requirements of ASTM A-105 (AND SA-105)
- Starting Material Seamless Pipe for elbows, tees and reducers.
- Plate for caps and welded fittings
- Bars, Billets or Blooms for flanges and certain caps and tees.
- Ladle chemistry reported
- Copyright © 2018 Weldbend Corp.

Mark Torres

Cert #264901

400862

Mark Torres
Quality Assurance Department
11/5/2019



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We hereby certify that the material meets the following:

- ISO 9001:2015 CERTIFIED MANUFACTURER
- Test Results herein are correct as contained in test records retained by the company in accordance with EN 10 204 Para 3.1 in accordance with PED 97/23/EC.7/2
- No Weld Repair Performed. No Lead Content. No Mercury Content.
- Knowningly making false, fictitious, or fraudulent statements on a MTR may result in legal liability.
- Material has been manufactured/supplied and tested in accordance with the Weldbend Quality System Program 09/08/17 Rev. 4

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