



6600 South Harlem Avenue  
Argo, IL 60501-1930

Material Test Report

SUPERIOR SUPPLY & STEEL  
318 CITY SERVICE HWY  
SULPHUR, LA 70663  
PO: P0209304-01

Quantity

Product

Heat Code

Heat Treatment Info

Steel Mill

4	8" x 6" Std Concentric Reducer										419BN	Heat Treat: Normalized				V & M STAR			
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2
0.18	0.83	0.009	0.003	0.23	0.20	0.08	0.19	0.020	0.00	0.003	0.0003	0.0000	0.0000	73,500	39,900	34.00	61.00	147	147
CE (IIV): 0.379																			
CE (PCM): 0.253																			

3	10" XS LR 90° Elbow										150216	Hot Formed				V & M STAR			
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2
0.21	1.03	0.010	0.005	0.25	0.15	0.05	0.12	0.010	0.06	0.032	0.003	0.0002	0.0000	84,600	39,900	34.00	-	166	168
CE (IIV): 0.432																			
CE (PCM): 0.292																			

108	2" XS LR 90° Elbow										A180980	Hot Formed				PLYMOUTH TUBE CO.			
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2
0.17	0.64	0.005	0.012	0.23	0.16	0.07	0.10	0.020	0.00	0.020	0.000	-	0.0000	68,900	39,900	28.40	-	153	156
CE (IIV): 0.316																			

132	1 1/2" XS LR 90° Elbow										A173891	Hot Formed				PLYMOUTH TUBE CO.			
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2
0.17	0.64	0.008	0.014	0.25	0.19	0.08	0.12	0.030	0.00	0.022	0.001	-	0.0000	71,500	39,900	36.00	68.00	110	110
CE (IIV): 0.325																			

We hereby certify that the material meets the following:

- All fittings and flanges meet NACE MRO-17/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 Weidband Corp

*Mark Torres*

Mark Torres  
Quality Assurance Department  
8/30/2019



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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. Knowingly 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 Weidband Quality System Program 09/08/17 Rev. 4

