



6600 South Harlem Avenue
Argo, IL 60501-1930

Material Test Report

SUPERIOR SUPPLY & STEEL
318 CITY'S SERVICE HWY
SULPHUR, LA 70663
PO: P0206341-01

Quantity

Product

Heat Code

Heat Treatment Info

Steel Mill

12

1 1/2" Std Cap

907AO

Hot Formed

LASALLE

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2
0.18	0.73	0.010	0.017	0.19	0.19	0.09	0.11	0.030	0.00	0.026	-	-	0.010	75,400	39,900	25.50	-	172	172

A 234 WPB-17 WPB
Dimensional Specification: 816.9
WPB

12

4" x 2 1/2" Std Concentric Reducer

9807

Heat Treat: Stress Relieved

V & M STAR

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2
0.22	0.70	0.009	0.007	0.21	0.23	0.07	0.11	0.020	0.00	0.035	0.002	0.0002	0.000	72,000	39,900	26.60	-	150	153

A 234 WPB-15
Dimensional Specification: 816.9
WPB

8

6" XSLR 90° Elbow

IK0196

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
0.20	1.03	0.009	0.004	0.27	0.12	0.04	0.12	0.010	0.06	0.035	0.003	0.0003	0.000	77,800	39,900	40.10	63.00	147	151

A 234 WPB-13
Dimensional Specification: 816.9
SEGMENT WPB

36

4" XSLR 90° Elbow

A190651

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
0.19	1.01	0.008	0.009	0.38	0.11	0.05	0.08	0.020	0.05	0.025	0.001	-	0.001	81,500	39,900	34.00	-	174	178

A 234 WPB-13
Dimensional Specification: 816.9
SEGMENT WPB

We hereby certify that the material meets the following:

- All fittings and flanges meet NACE MR01-75/ISO 15156-Latest Revision.
- All fittings and flanges meet NACE MR01-103 - 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.

Handwritten signature

Mark Torres

Quality Assurance Department

Cert #254917 393725



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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 Weldbend, Quality System Program 09/08/17 Rev. 4

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