



6600 South Harlem Avenue
Argo, IL 60501 - 1930

Material Test Report

SUPERIOR SUPPLY & STEEL
318 CITY'S SERVICE HWY
SULPHUR, LA 70663
PO: P0214744 - 01

Quantity

Product

Heat Code

Heat Treatment Info

Steel Mill

4		8" XS LR 45° Elbow										190042			Hot Formed			V & M STAR		
C	Mn	P	S	Si	Cu	Ni	Cr	Mg	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2	Dimensional Specification: 816.9
0.20	1.04	0.008	0.004	0.30	0.14	0.05	0.12	0.010	0.06	0.037	0.003	0.0003	0.000	83,000	39,900	30.70	-	181	179	WPPB
CE (IIV): 0.424																				
CE (PCM): 0.284																				

5		6" XS LR 45° Elbow										IK0196			Hot Formed			V & M STAR		
C	Mn	P	S	Si	Cu	Ni	Cr	Mg	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2	Dimensional Specification: 816.9
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	WPPB
CE (IIV): 0.420																				
CE (PCM): 0.281																				

25		1 1/2" XS LR 45° Elbow										A173891			Hot Formed			PLYMOUTH TUBE CO.		
C	Mn	P	S	Si	Cu	Ni	Cr	Mg	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2	Dimensional Specification: 816.9
0.17	0.64	0.008	0.014	0.25	0.19	0.08	0.12	0.030	0.00	0.022	0.001	-	0.000	71,500	39,900	36.00	68.00	110	110	WPPB
CE (IIV): 0.325																				

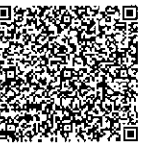
4		8" XS Straight Tee										J2L9025			Heat Treat: Normalized			NIPPON		
C	Mn	P	S	Si	Cu	Ni	Cr	Mg	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2	Dimensional Specification: 816.9
0.19	0.73	0.012	0.007	0.21	0.01	0.02	0.04	0.010	0.00	-	-	-	0.000	66,717	39,900	51.60	-	132	-	WPPB
CE (IIV): 0.324																				

We hereby certify that the material meets the following:

- All fittings and flanges meet NACE MR0-175/ISO 15156-Latest Revision.
- All fittings and flanges meet NACE MR0-103 - 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 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

Mark Torres

Mark Torres
Quality Assurance Department
3/9/2020



Scan For Online Report

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 10204 Para 3.1 in accordance with PED 97/23/EC/72
- 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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