



6600 South Harlem Avenue
Argo, IL 60501-1930

Material Test Report

SUPERIOR SUPPLY & STEEL
318 CITIES SERVICE HWY
SULPHUR, LA 70663
PO: P0216718-01

Quantity

Product

Heat Code

Heat Treatment Info

Steel Mill

9		6" XSLR 45° Elbow										IK0196		Hot Formed		V & M STAR			
C	Mn	P	S	Si	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
CE (IWV): 0.420																			
CE (PCMN): 0.281																			



21		3" XSLR 45° Elbow										A191492		Hot Formed		PLYMOUTH TUBE CO.			
C	Mn	P	S	Si	Cr	Mo	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2		
0.21	1.02	0.007	0.004	0.30	0.16	0.05	0.07	0.020	0.000	-	0.001	86,000	39,900	36.00	-	154	154		
CE (IWV): 0.422																			



8		2" XSLR 45° Elbow										A184826		Hot Formed		PLYMOUTH TUBE CO.			
C	Mn	P	S	Si	Cr	Mo	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2		
0.17	0.82	0.010	0.013	0.21	0.18	0.09	0.13	0.040	0.00	0.020	0.000	-	0.001	88,300	39,900	26.50	-	165	165
CE (IWV): 0.359																			



12		1" XSLR 45° Elbow										J3K4093		Hot Formed		NIPPON			
C	Mn	P	S	Si	Cr	Mo	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2		
0.12	1.33	0.010	0.015	0.23	0.01	0.02	0.11	0.020	0.00	0.035	0.010	-	0.000	66,862	39,900	53.00	-	156	131
CE (IWV): 0.370																			



We hereby certify that the material meets the following:

- All fittings and flanges meet NACE MR0175/ISO 15156-Latest Revision.
- All fittings and flanges meet NACE MR0103 - 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-106 (AND SA-106)
- 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.
- Lead chemistry reported.

Mark Torres
Mark Torres



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 10 204 Para 3.1 in accordance with PED 97/23/EC/72
- No Weld Repair Performed. No Lead Content. No Mercury Content.
- Knowledgeably 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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Quality Assurance Department
5/20/2020

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