



6600 South Harlem Avenue
Argo, IL 60501-1930

Material Test Report

SUPERIOR SUPPLY & STEEL
318 CITY'S SERVICE HWY
SULPHUR, LA 70663
PO: P0221841 - 01

Quantity Product Heat Code Heat Treatment Info Steel Mill

Quantity	Product	Heat Code	Heat Treatment Info	Steel Mill																
12	1 1/2" Std Cap	320Bo	Heat Treat: Normalized	JADE-STERLING STEEL CO																
C	Mn	P	S	Si	Cu	Ni	Cr	Mg	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2	
0.19	0.88	0.008	0.015	0.23	0.22	0.21	0.14	0.020	0.00	0.020	0.001	0.0003	0.000	76,300	39,900	18.50	-	172	172	
CE (IIV): 0.397																				
CE (PCM): 0.266																				

Quantity	Product	Heat Code	Heat Treatment Info	Steel Mill																
3	8" x 6" Std Concentric Reducer	419BN	Heat Treat: Normalized	V & M STAR																
C	Mn	P	S	Si	Cu	Ni	Cr	Mg	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	0.000	72,700	39,900	40.00	73.00	136	136	
CE (IIV): 0.379																				
CE (PCM): 0.253																				

Quantity	Product	Heat Code	Heat Treatment Info	Steel Mill																
12	4" x 2" Std Concentric Reducer	11186	Heat Treat: Normalized	US STEEL																
C	Mn	P	S	Si	Cu	Ni	Cr	Mg	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2	
0.20	0.92	0.005	0.004	0.26	0.11	0.03	0.07	0.010	0.00	0.032	0.002	0.0002	0.004	74,500	39,900	27.20	-	149	152	
CE (IIV): 0.379																				
CE (PCM): 0.266																				

Quantity	Product	Heat Code	Heat Treatment Info	Steel Mill																
4	6" XS LR 90° Elbow	JC0187	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	
0.20	1.03	0.013	0.007	0.27	0.19	0.08	0.13	0.020	0.06	0.042	0.003	0.0003	0.000	79,900	39,900	37.60	64.20	158	156	
CE (IIV): 0.431																				
CE (PCM): 0.286																				

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-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.
- Lead chemistry reported.
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Richard Purpura

Richard Purpura
Quality Assurance Department
1/20/2021



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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/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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