



6600 South Harlem Avenue  
Argo, IL 60501-1930

Material Test Report

WELDBEND CORPORATION  
PO Box 2388  
Sulphur, LA  
PO: P0236064-01

Quantity	Product	Heat Code	Heat Treatment Info	Steel Mill															
12	1" Class 150 Threaded RF	349AB	Hot Formed	ALTON STEEL															
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2
0.21	1.12	0.017	0.019	0.20	0.07	0.16	0.031	0.03	0.003	0.001	0.0002	0.001	85,700	39,900	22.30	50.80	170	172	
CE (IIV): 0.458																			
CE (PCM): 0.297																			
Dimensional Specification: 816.5																			



Quantity	Product	Heat Code	Heat Treatment Info	Steel Mill															
4	3" Class 150 Threaded RF	1C239	Hot Formed	CMC STEEL															
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2
0.18	1.00	0.010	0.014	0.21	0.25	0.10	0.05	0.026	0.00	0.002	0.001	0.0002	0.001	81,900	39,900	31.30	61.60	152	153
CE (IIV): 0.385																			
CE (PCM): 0.256																			
Dimensional Specification: 816.5																			



Quantity	Product	Heat Code	Heat Treatment Info	Steel Mill															
10	2" Class 150 Blind RF	BB3	Hot Formed	CMC STEEL															
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2
0.19	1.03	0.011	0.011	0.23	0.26	0.08	0.04	0.020	0.00	0.002	0.001	0.0002	0.001	79,000	39,900	30.00	58.00	161	160
CE (IIV): 0.396																			
CE (PCM): 0.268																			
Dimensional Specification: 816.5																			



Quantity	Product	Heat Code	Heat Treatment Info	Steel Mill															
7	4" Class 150 Blind RF	C995	Hot Formed	CMC STEEL															
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2
0.20	1.02	0.008	0.021	0.22	0.23	0.09	0.08	0.026	0.00	0.002	0.001	0.0001	0.001	81,900	39,900	30.40	58.80	160	161
CE (IIV): 0.413																			
CE (PCM): 0.278																			
Dimensional Specification: 816.5																			



We hereby certify that the material meets the following:

- All fittings and flanges meet NACE MRO-175/ISO 15156-1:latest Revision.
- All fittings and flanges meet NACE MRO-103 - Latest Revision.
- All non high-yield fittings meet the requirements of ASTM A-234 WP8 (AND SA-234).
- All fittings are seamless except as noted.
- All non high yield fittings meet the requirements of ASTM A-195 (AND SA-195)
- 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.

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Richard Purpura

Richard Purpura  
Quality Assurance Department

10/13/2022



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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 PED Annex 1, Paragraph 4.3 of 2014/68/EU
- No Weld Repair Performed. No Lead Content. No Mercury Content.
- Knowledgeably making false, misleading, or fraudulent statements on a MTR may result in legal liability.
- Material has been manufactured/supplied and tested in accordance with the most current version of the Weldbend Quality System Program.
- MTR issued in accordance with EN 10204, Paragraph 3.1

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