



6600 South Harlem Avenue  
Argo, IL 60501-1930

# Material Test Report

WELDBEND CORPORATION  
PO Box 2388  
Sulphur, LA  
PO: P0234407-01

Quantity		Product								Heat Code				Heat Treatment Info				Steel Mill				
12		8" Class 150 Welding Neck StdB RF								CO4				Hot Formed				CMC STEEL				
<u>C</u>	<u>Mn</u>	<u>P</u>	<u>S</u>	<u>Si</u>	<u>Cu</u>	<u>Ni</u>	<u>Cr</u>	<u>Mo</u>	<u>V</u>	<u>Al</u>	<u>Ti</u>	<u>B</u>	<u>Cb</u>	<u>Tens.</u>	<u>Yield</u>	<u>Elong</u>	<u>ROA</u>	<u>BHN</u>	<u>BHN2</u>	A 105-18 Dimensional Specification: B16.5		
0.19	0.96	0.011	0.025	0.24	0.26	0.10	0.06	0.030	0.00	0.003	0.001	0.0003	0.001	80,900	39,900	28.50	62.00	160	161	<b>A</b> <b>105</b>		
CE (IIW): 0.392																						
CE (PCM): 0.267																						

Quantity		Product								Heat Code				Heat Treatment Info				Steel Mill				
20		2" Class 150 Slip-on RF								BF2				Hot Formed				CMC STEEL				
<u>C</u>	<u>Mn</u>	<u>P</u>	<u>S</u>	<u>Si</u>	<u>Cu</u>	<u>Ni</u>	<u>Cr</u>	<u>Mo</u>	<u>V</u>	<u>Al</u>	<u>Ti</u>	<u>B</u>	<u>Cb</u>	<u>Tens.</u>	<u>Yield</u>	<u>Elong</u>	<u>ROA</u>	<u>BHN</u>	<u>BHN2</u>	A 105-18 Dimensional Specification: B16.5		
0.19	0.98	0.009	0.007	0.21	0.24	0.10	0.04	0.024	0.00	0.002	0.001	0.0002	0.001	83,300	39,900	29.40	59.10	161	161	<b>A</b> <b>105</b>		
CE (IIW): 0.389																						
CE (PCM): 0.264																						

Quantity		Product								Heat Code				Heat Treatment Info				Steel Mill				
30		2" Class 150 Blind RF								BB9				Hot Formed				CMC STEEL				
<u>C</u>	<u>Mn</u>	<u>P</u>	<u>S</u>	<u>Si</u>	<u>Cu</u>	<u>Ni</u>	<u>Cr</u>	<u>Mo</u>	<u>V</u>	<u>Al</u>	<u>Ti</u>	<u>B</u>	<u>Cb</u>	<u>Tens.</u>	<u>Yield</u>	<u>Elong</u>	<u>ROA</u>	<u>BHN</u>	<u>BHN2</u>	A 105-18 Dimensional Specification: B16.5		
0.19	1.00	0.011	0.015	0.22	0.25	0.08	0.05	0.030	0.00	0.002	0.001	0.0002	0.001	78,800	39,900	28.80	57.90	154	152	<b>A</b> <b>105</b>		
CE (IIW): 0.395																						
CE (PCM): 0.267																						

Quantity		Product								Heat Code				Heat Treatment Info				Steel Mill				
12		3" Class 150 Blind RF								AU7				Hot Formed				CMC STEEL				
<u>C</u>	<u>Mn</u>	<u>P</u>	<u>S</u>	<u>Si</u>	<u>Cu</u>	<u>Ni</u>	<u>Cr</u>	<u>Mo</u>	<u>V</u>	<u>Al</u>	<u>Ti</u>	<u>B</u>	<u>Cb</u>	<u>Tens.</u>	<u>Yield</u>	<u>Elong</u>	<u>ROA</u>	<u>BHN</u>	<u>BHN2</u>	A 105-18 Dimensional Specification: B16.5		
0.18	1.02	0.008	0.016	0.23	0.31	0.10	0.06	0.030	0.00	0.000	0.001	0.0003	0.001	81,500	39,900	28.00	60.00	157	158	<b>A</b> <b>105</b>		
CE (IIW): 0.395																						
CE (PCM): 0.262																						

We hereby certify that the material meets the following

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

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*Richard Purpura*

**Richard Purpura**  
Quality Assurance Department  
6/30/2022



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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 Annex 1, Paragraph 4.3 of 2014/68/EU
- 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 most current version of the Weldbend Quality System Program