



6600 South Harlem Avenue
Argo, IL 60501-1930

Material Test Report

WELDBEND CORPORATION
PO Box 2388
Sulphur, LA
PO: P0233154-01

<u>Quantity</u>		<u>Product</u>								<u>Heat Code</u>				<u>Heat Treatment Info</u>				<u>Steel Mill</u>				
52		6" Class 150 Slip-on RF								1A387				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	1.03	0.009	0.019	0.23	0.26	0.09	0.07	0.021	0.00	0.002	0.001	0.0000	0.001	81,600	39,900	31.90	62.40	152	151	A 105		
CE (IIW): 0.393																						
CE (PCM): 0.259																						

<u>Quantity</u>		<u>Product</u>								<u>Heat Code</u>				<u>Heat Treatment Info</u>				<u>Steel Mill</u>				
18		2½" Class 150 Threaded RF								3DE21				Hot Formed				RIVA				
<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	1.01	0.009	0.007	0.19	0.20	0.06	0.11	0.010	0.00	0.026	0.022	0.0000	0.001	74,000	39,900	33.00	67.00	141	140	A 105		
CE (IIW): 0.400																						
CE (PCM): 0.264																						

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
5/27/2022



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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