



6600 South Harlem Avenue
Argo, IL 60501-1930

Material Test Report

WELDBEND CORPORATION
6600 S HARLEM AVE
ARGO, IL 60501
PO: DL9

<u>Quantity</u>	<u>Product</u>	<u>Heat Code</u>	<u>Heat Treatment Info</u>	<u>Steel Mill</u>																
1	3" Class 150 Slip-on RF	DL9	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>	<u>A 105-18</u> Dimensional Specification: B16.5
0.19	1.02	0.011	0.017	0.20	0.33	0.09	0.10	0.035	0.00	0.002	0.001	0.0004	0.001	81,000	39,900	27.60	53.90	158	160	A 105

CE (IHW): 0.415

CE (PCM): 0.275

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
11/8/2022



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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 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
- MTR issued in accordance with EN 10204 paragraph 3.1

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