



6600 South Harlem Avenue  
Argo, IL 60501-1930

SUPERIOR SUPPLY AND STEEL  
ATTN: Shannon Rose  
BRANCH ZIP: 70663

# Material Test Report

**Product**

4" Class 150 Slip-on RF

**Heat Code**

S878

**Heat Treatment Info**

Hot Formed

**Steel Mill**

CMC STEEL

A 105-18  
Dimensional Specification: B16.5

<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>Elon</u>	<u>ROA</u>	<u>BHN</u>	<u>BHN2</u>
0.18	1.05	0.019	0.022	0.21	0.24	0.12	0.13	0.042	0.00	0.001	0.001	0.0003	0.001	86,500	48,000	27.80	57.60	176	175

CE (IIW): 0.413

CE (PCM): 0.264

**A**  
**105**

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.

† This indicates that the reported yield is capped at 50,000 psi.  
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Report generated by: SROSE@SUPSTL.COM

*Richard Purpura*

**Richard Purpura**  
Quality Assurance Department  
5/1/2023



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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