



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

4

6" Std Straight Tee

22N361

Heat Treat Normalized

NIPPON

C Mn

P S

Si

Cr

Mn

Ni

Mo

V

Al

Ti

B

Cb

Tens.

Yield

Elong

ROA

BHN

BHN2

Dimensional Specification: 816.5

1.29

0.010

0.001

0.24

0.01

0.01

0.12

0.010

0.00

0.023

0.010

0.0001

0.000

66,200

39,900

32.70

143

144

CE (IIV): 0.362

CE (PCM): 0.200

WPB

5

3" Class 150 Welding Neck XSB RF

30E45

Hot Formed

RIVA

C Mn

P S

Si

Cr

Mn

Ni

Mo

V

Al

Ti

B

Cb

Tens.

Yield

Elong

ROA

BHN

BHN2

Dimensional Specification: 816.5

1.04

0.007

0.008

0.23

0.14

0.05

0.12

0.020

0.00

0.027

0.019

0.0001

0.000

81,500

39,900

31.00

64.00

152

152

CE (IIV): 0.409

CE (PCM): 0.270

A 105

21

2 1/2" Class 150 Slip-on RF

BU4

Hot Formed

CMC STEEL

C Mn

P S

Si

Cr

Mn

Ni

Mo

V

Al

Ti

B

Cb

Tens.

Yield

Elong

ROA

BHN

BHN2

Dimensional Specification: 816.5

0.19

1.01

0.009

0.017

0.21

0.22

0.08

0.05

0.024

0.00

0.026

0.000

0.0003

0.001

85,100

39,900

29.20

60.10

167

166

CE (IIV): 0.393

CE (PCM): 0.265

A 105

We hereby certify that the material meets the following

- All fittings and flanges meet NACE MR0175/ISO 15156-Latest Revision.
- All fittings and flanges meet NACE MR0103 - 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 Bloms; for flanges and certain caps and tees.
- Label chemistry reported.

Richard Purpura

Richard Purpura

Quality Assurance Department

11/30/2022



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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 or 2014/68/EU
- No Weld Repair Performed. No Lead Content. No Mercury Content.
- Knowledgeably 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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