



6600 South Harlem Avenue  
Argo, IL 60501-1930

Material Test Report

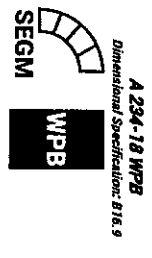
WELDBEND CORPORATION  
PO Box 2388  
Sulphur, LA  
PO: P0236382-01

Quantity: 12 Product: 3" x 2" XS Concentric Reducer Heat Code: 792BN Heat Treatment Info: Hot Formed Steel Mill: BENTELER

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Ca	Tens.	Yield	Elong	ROA	BHN	BHN2
0.17	1.00	0.010	0.003	0.28	0.18	0.07	0.10	0.020	0.00	-	0.003	0.0002	0.002	72,100	39,900	28.70	-	162	160
CE (IIV): 0.378																			
CE (PCM): 0.247																			



C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Ca	Tens.	Yield	Elong	ROA	BHN	BHN2
0.18	1.24	0.009	0.004	0.26	0.17	0.05	0.08	0.020	0.07	0.032	0.004	0.0002	0.000	82,800	39,900	28.30	-	166	166
CE (IIV): 0.436																			
CE (PCM): 0.274																			



C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Ca	Tens.	Yield	Elong	ROA	BHN	BHN2
0.11	1.27	0.015	0.003	0.24	0.03	0.02	0.11	0.010	0.01	-	0.010	0.0002	<0.001	67,400	39,900	29.20	-	150	150
CE (IIV): 0.351																			
CE (PCM): 0.191																			



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.
- Copyright © 2021 Weldbend Corp.

Richard Purpura

Richard Purpura  
Quality Assurance Department  
10/18/2022



Scan For Online 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.
- Knockout 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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