



6600 South Harlem Avenue
Argo, IL 60501-1930

Material Test Report

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

Quantity	Product	Heat Code	Heat Treatment Info	Steel Mill															
12	2 1/2" Std LR 90° Elbow	A212395	Hot Formed	PLYMOUTH TUBE CO.															
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2
0.18	0.71	0.005	0.019	0.22	0.15	0.09	0.11	0.030	0.00	0.025	0.000	-	0.001	69,100	39,900	26.90	-	154	155
CE (IIV): 0.343																			



Quantity	Product	Heat Code	Heat Treatment Info	Steel Mill															
5	2" XS LR 45° Elbow	A184826	Hot Formed	PLYMOUTH TUBE CO.															
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2
0.17	0.82	0.010	0.013	0.21	0.18	0.09	0.13	0.040	0.00	0.020	0.000	-	0.001	68,300	39,900	26.50	-	165	165
CE (IIV): 0.359																			



Quantity	Product	Heat Code	Heat Treatment Info	Steel Mill															
15	4" Class 150 Lapped	AX8	Hot Formed	CNC STEEL															
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2
0.18	1.01	0.009	0.016	0.23	0.30	0.10	0.08	0.030	0.00	0.000	0.001	0.0002	0.001	86,500	39,900	27.10	59.90	164	166
CE (IIV): 0.397																			
CE (PCM): 0.262																			



Quantity	Product	Heat Code	Heat Treatment Info	Steel Mill															
9	12" Class 150 Slip-on RF	3DE03	Hot Formed	RIVA															
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2
0.18	1.03	0.010	0.007	0.24	0.18	0.08	0.17	0.010	0.00	0.030	0.019	0.0001	0.001	78,200	39,900	31.60	67.00	156	158
CE (IIV): 0.405																			
CE (PCM): 0.260																			



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
10/18/2022



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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 of 2014/68/EU
- No Weld Repair Performed. No Lead Content. No Mercury Content.
- Knowledgeably making false, factitious, 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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