



6600 South Harlem Avenue
Argo, IL 60501-1930

Material Test Report

WELDBEND CORPORATION
PO Box 2388
Sulphur, LA
PO: P0230242-01

Quantity	Product	Heat Code	Heat Treatment Info	Steel Mill																	
12	4" Std Straight Tee	22N52	Heat Treat: Normalized	V & M STAR																	
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2	Dimensional Specification: 816.9	
0.16	0.45	0.009	0.008	0.19	0.20	0.08	0.14	0.030	0.00	0.029	0.002	0.0001	0.000	66,500	39,900	31.60	-	140	139	A 234-18 WPP	
CE (IIW): 0.288																					WPPB
CE (PCM): 0.210																					

Quantity	Product	Heat Code	Heat Treatment Info	Steel Mill																	
20	2" Class 150 Slip-on RF	BF2	Hot Formed	CMC STEEL																	
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2	Dimensional Specification: 816.5	
0.19	0.98	0.009	0.007	0.21	0.24	0.10	0.04	0.024	0.00	0.002	0.001	0.0002	0.001	83,300	39,900	29.40	59.10	161	161	A 105-18	
CE (IIW): 0.389																					A 105
CE (PCM): 0.264																					

Quantity	Product	Heat Code	Heat Treatment Info	Steel Mill																	
18	2 1/2" Class 150 Slip-on RF	3DD70	Hot Formed	RIVA																	
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	Ti	B	Cb	Tens.	Yield	Elong	ROA	BHN	BHN2	Dimensional Specification: 816.5	
0.18	1.03	0.012	0.010	0.23	0.18	0.06	0.14	0.020	0.00	0.026	0.019	0.0000	0.001	74,100	39,900	32.40	68.90	143	144	A 105-18	
CE (IIW): 0.400																					A 105
CE (PCM): 0.258																					

- We hereby certify that the material meets the following:
- All fittings and flanges meet NACE MR0-175/ISO 15156-Latest Revision.
 - All fittings and flanges meet NACE MR0-103 - Latest Revision.
 - All non high-yield fittings meet the requirements of ASTM A-234 WPP (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.
 - Lead chemistry reported.

Richard Purpura

Richard Purpura
Quality Assurance Department
5/27/2022



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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.
 - 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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