



**CERTIFIED MILL TEST REPORT**

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BONNEY FORGE CORPORATION  
 P.O. BOX 330 • 14498 CROGHAN PIKE • MOUNT UNION, PA 17066-0330  
 (814) 542-2545 • (800) 345-7546 • FAX (814) 542-4906  
 www.bonneyforge.com

CUSTOMER: WFI INTERNATIONAL, INC.

DATE 03/06/2012

CUSTOMER  
 ORDER NO.: BD00066039

BONNEY ORDER NO. B000116178

SHIP TO: AMERICAN DISPATCH  
 302 QUIVIRA DR  
 PANAMERICAN IND PARK  
 LAREDO TX 78045

PO# 12425  
 REF: C1203350

ITEM	QUANTITY	LOT NO.	GRADE OR SPECIFICATION NO.	CHEMICAL ANALYSIS, PHYSICAL PROPERTIES, REMARKS:
1	94	58509	2 3000 HOT-DIP 90EL T	SA/A105 Al 0.020 C 0.200 Co 0.002 Cr 0.040 Cu 0.060 Mn 1.070 Mo 0.000 Nb 0.015 Ni 0.020 P 0.006 S 0.023 Si 0.220 V 0.004 T/S(PSI) 78,750 Y/S(PSI) 48,750 EL(%) 30.00 RA(%) 62.05 Brinell 144 BHN 141 BHN
1	6	58481	2 3000 HOT-DIP 90EL T	SA/A105 Al 0.022 C 0.200 Co 0.004 Cr 0.050 Cu 0.130 Mn 1.000 Mo 0.010 N 0.007 Nb 0.015 Ni 0.050 P 0.008 S 0.021 Si 0.220 V 0.004 CE(Long Formula) = 0.39 T/S(PSI) 80,750 Y/S(PSI) 51,250 EL(%) 30.00 RA(%) 59.30 Brinell 150 BHN 153 BHN
2	100	58469	1 3000 HOT-DIP 90EL T	SA/A105 Al 0.018 C 0.190 Co 0.003 Cr 0.050 Cu 0.130 Mn 1.000 Mo 0.010 N 0.005 Nb 0.015 Ni 0.040 P 0.009 S 0.019 Si 0.200 V 0.004 CE(Long Formula) = 0.38 T/S(PSI) 80,000 Y/S(PSI) 48,750 EL(%) 28.20 RA(%) 62.30 Brinell 153 BHN 156 BHN
3	20	6032 MALE	1 3000 A105 UNAR T	SA/A105 Al 0.026 C 0.200 Co 0.002 Cr 0.030 Cu 0.020 Mn 1.050 Mo 0.000 N 0.003 Nb 0.012 Ni 0.020 P 0.007 S 0.021 Si 0.210 V 0.004 CE(Long Formula) = 0.38 T/S(PSI) 79,300 Y/S(PSI) 49,100 EL(%) 27.50 RA(%) 52.00 Brinell 149 BHN 151 BHN

We certify that the data on this sheet is a true copy taken from our records of material furnished us by the production mill, or as obtained by additional laboratory checks.

by Meloney Specht  
 Meloney Specht  
 QUALITY PROCESS MANAGER



The Best Value  
Price, Quality, Service  
All The Time.

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PANAMERICAN IND PARK  
LAREDO TX 78045

ITEM	QUANTITY	LOT NO.	GRADE OR SPECIFICATION NO.
			CHEMICAL ANALYSIS, PHYSICAL PROPERTIES, REMARKS:
		5058	1 3000 A105 UNAR T
		FEMALE	SA/A105
			N 0.005 Nb 0.015 Ni 0.040 P 0.009 S 0.019 Si 0.200 V 0.004 Al 0.018 C 0.190 Co 0.003 Cr 0.050 Cu 0.130 Mn 1.000 Mo 0.010 CE(Long Formula) = 0.38 T/S(PSI) 81,000 Y/S(PSI) 52,000 EL(%) 27.00 RA(%) 47.30 Brinell 162 BHN 162 BHN
		MIAH	1 3000 A105 UNAR T
		NUT	SA/A105
			Al 0.032 C 0.200 Cr 0.150 Cu 0.160 Mn 0.990 Mo 0.020 Nb 0.001 Ni 0.090 P 0.020 S 0.022 Si 0.260 V 0.003 CE(Long Formula) = 0.42 T/S(PSI) 79,200 Y/S(PSI) 45,400 EL(%) 32.00 RA(%) 65.10 Brinell 139 BHN 141 BHN

1. THE MATERIAL SUPPLIED IS FREE FROM MERCURY AND RADIUM CONTAMINATION.
2. THE FITTINGS SUPPLIED ARE IN ACCORDANCE WITH PURCHASE ORDER SPECIFICATIONS.
3. THE MATERIAL SUPPLIED MEETS THE REQUIREMENTS OF NACE MRO175/ISO 15156-2.
4. CERTIFYING ASTM A105-10 / ASME SA105-10 EDITION.
5. THE FITTINGS SUPPLIED WERE NOT SUBJECTED TO ANY FORM OF WELD REPAIR.
6. THE PRODUCT SUPPLIED WAS INSPECTED IN ACCORDANCE WITH EN 10204:2004 EDITION TYPE 3.1 INSPECTION DOCUMENT. (EUROPEAN STANDARD)
7. ELONGATION TEST RESULTS ARE OBTAINED USING STANDARD ROUND SPECIMEN, 2 INCH OR 50 MM GAGE LENGTH.
8. THE MATERIAL SUPPLIED IS IN THE AS-ROLLED CONDITION.
9. THE MATERIAL SUPPLIED IS IN THE AS-FORGED CONDITION.

We certify that the data on this sheet is a true copy taken from our records of material furnished us by the production mill, or as obtained by additional laboratory checks.

by Meloney Specht

Meloney Specht  
QUALITY PROCESS MANAGER

CMTR: REV2