

# CERTIFIED MILL TEST REPORT



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**BONNEY FORGE CORPORATION**  
P.O. BOX 330 • 14496 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** 12/19/2011

**CUSTOMER**

**BONNEY ORDER NO.** B000110786

**ORDER NO.:** BD00065588

PO# 11796

**SHIP TO:** AMERICAN DISPATCH  
302 QUVIRA DR  
MODERN INDUSTRIAL PARK  
LAREDO TX 78045

C1116064

ITEM	QUANTITY	LOT NO.	GRADE OR SPECIFICATION NO.	CHEMICAL ANALYSIS, PHYSICAL PROPERTIES, REMARKS:							
5	19	58443	2 X 2 X 3/4 3M HOT-DIP TEE T	SA/A105							
				Al 0.025	C 0.210	Co 0.002	Cr 0.040	Cu 0.100	Mn 1.020	Mo 0.000	N 0.003
				Nb 0.016	Ni 0.020	P 0.009	S 0.019	Si 0.190	V 0.004		
				CE(Long Formula) =		0.40					
				T/S(PSI)	76,250	Y/S(PSI)	51,250	EL(%)	29.40	RA(%)	61.80
				Brinell			135 BHN	135 BHN			
5	1	58407	2 X 2 X 3/4 3M HOT-DIP TEE T	SA/A105							
				Al 0.024	C 0.200	Cb 0.000	Co 0.002	Cr 0.040	Cu 0.070	Mn 1.000	Mo 0.000
				Ni 0.020	P 0.008	S 0.022	Si 0.200	V 0.004			
				T/S(PSI)	80,000	Y/S(PSI)	55,000	EL(%)	30.75	RA(%)	61.80
				Brinell			147 BHN	147 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-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 Kylee Ruiz

Kylee Ruiz  
QUALITY PROCESS MANAGER