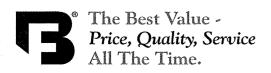
## CERTIFIED MILL TEST REPORT



**LOG NO.** F0000000017226

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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: PLESA ANAHUAC Y CIAS., S.A. DE C.V.

**DATE** 07/27/2011

**CUSTOMER** 

BONNEY ORDER NO. B000100207

**ORDER NO.:** 10738

**SHIP TO:** AMERICA DISPATCH

302 QUIVIRA DR. INDUSTRIAL PARK LAREDO TX 78043

**United States** 

ITEM Q	UANTITY	LOT NO.	GRADE OR SPECIFICATION NO. CHEMICAL ANALYSIS, PHYSICAL PROPERTIES, REMARKS:
4	100	58218	1/2 3M HOT-DIP 90EL S SA/A105  A1 0.028 C 0.190 Cb 0.000 Co 0.005 Cr 0.130 Cu 0.250 Mn 1.000 Mo 0.020 N 0.006 Nb 0.012 Ni 0.080 P 0.012 S 0.019 Si 0.200 V 0.003  CE(Long Formula) = 0.41  T/S(PSI) 72,500 Y/S(PSI) 51,250 EL(%) 32.80 RA(%) 65.30  Brinell 139 BHN 141 BHN
13	20	58401	11/4 3000 HOT-DIP 45EL T SA/A105  A1 0.024 C 0.200 Cb 0.000 Co 0.003 Cr 0.040 Cu 0.110 Mn 1.040 Mo 0.010  Ni 0.030 P 0.009 S 0.021 Si 0.220 V 0.004  CE(Long Formula) = 0.39  T/S(PSI) 77,500 Y/S(PSI) 50,000 EL(%) 29.50 RA(%) 63.95  Brinell 144 BHN 144 BHN

- 1. THE FITTINGS SUPPLIED ARE IN ACCORDANCE WITH PURCHASE ORDER SPECIFICATIONS.
- 2. THE MATERIAL SUPPLIED MEETS THE REQUIREMENTS OF NACE MRO175/ISO 15156-2.
- 3. CERTIFYING ASTM A105-10 / ASME SA105-10 EDITION.
- 4. THE PRODUCT SUPPLIED WAS INSPECTED IN ACCORDANCE WITH EN 10204:2004 EDITION TYPE 3.1 INSPECTION DOCUMENT. (EUROPEAN STANDARD)
- 5. THE UNIT OF MEASURE FOR TENSILE AND YIELD (0.2%) STRENGTH ARE IN REPORTED IN PSI.
- 6. ELONGATION TEST RESULTS ARE OBTAINED USING STANDARD ROUND SPECIMEN, 2 INCH OR 50 MM GAGE LENGTH.

furnished us by the production mill, or as obtained by additional laboratory checks.

**CMTR: REV2** 

Meloney Specht

**QUALITY PROCESS MANAGER** 

We certify that the data on this sheet is a true copy taken from our records of material