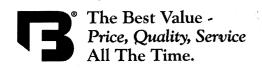
## **CERTIFIED MILL TEST REPORT**



LOG NO.

F00000000016307

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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** 06/29/2011

CUSTOMER

**BONNEY ORDER NO.** 

ORDER NO.:

SHIP TO: PLESA ANAHUAC Y CIAS., S.A. DE

C.V

AV. VALLE DE LAS ALAMEDAS NO. 66

SAN FRANCISCO CHILPAN

TULTITLAN Mexico

ITEM	QUANTITY	LOT NO.	GRADE OR SPECIFICATION NO. CHEMICAL ANALYSIS, PHYSICAL PROPERTIES, REMARKS:
1		6481	1 3000 A105 45EL S SA/A105
			C 0.190 Cr 0.200 Cu 0.140 Mn 0.920 Mo 0.020 Nb 0.001 Ni 0.070 P 0.018 S 0.020 Si 0.240 V 0.002 CE(Long Formula) = 0.40
			T/S(PSI) 75,420 Y/S(PSI) 49,023 EL(%) 34.00 RA(%) 63.00
			Brinell 158 BHN 160 BHN
2		6433	3/4 3000 A105 TEE S SA/A105
			C 0.185 Cr 0.110 Cu 0.200 Mn 0.900 Mo 0.010 Nb 0.001 Ni 0.060 P 0.015 S 0.019 Si 0.210 V 0.001 CE(Long Formula) = 0.38 T/S(PSI) 73,099 Y/S(PSI) 45,832 EL(%) 32.00 RA(%) 58.00 Brinell 155 BHN 157 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 A105-86A REVISION / ASME SA105-87 EDITION.
- 4. THE PRODUCT SUPPLIED WAS INSPECTED IN ACCORDANCE WITH EN 10204:2004 EDITION TYPE 3.1 INSPECTION DOCUMENT. (EUROPEAN STANDARD)
- 5. ELONGATION TEST RESULTS ARE OBTAINED USING STANDARD ROUND SPECIMEN, 2 INCH OR 50 MM GAGE LENGTH.

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

AUG. BURG

Kylee Ruiz

**QUALITY PROCESS MANAGER**