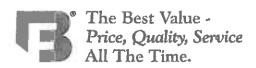
CERTIFIED MILL TEST REPORT



LOG NO. F00000000018464

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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 12/02/2011

CUSTOMER

BONNEY ORDER NO. B000101812

ORDER NO.: 10077

SHIP TO: AMERICA DISPATCH

302 QUIVIRA DR INDUSTRIAL PARK LAREDO TX 78043 UNITED STATES

ITEM	QUANTITY	LOT NO.	GRADE OR SPECIFICATION NO. CHEMICAL ANALYSIS, PHYSICAL PROPERTIES, REMARKS
ŧ	46	58337	36 -14 X 3/4 3000 A105 SOCK S SA/A105
			A1 0.022 C 0.190 Cb 0.000 Co 0.003 Cr 0.030 Cu 0.090 Mn 1.160 Mo 0.010
			N 0.005 Nb 0.014 Ni 0.030 P 0.007 S 0.019 Si 0.190 V 0.004 CE(Long Formula) = 0.40
			T/S(PSI) 79,500 Y/S(PSI) 55,000 EL(%) 27.00 RA(%) 64.00
			Brinell 163 BHN 156 BHN

- THE FITTINGS SUPPLIED ARE IN ACCORDANCE WITH PURCHASE ORDER SPECIFICATIONS.
- 2. THE MATERIAL SUPPLIED IDENTIFIED AS A 105N WAS NORMALIZED IN ACCORDANCE WITH ASTM A 105 HEAT TREATING REQUIREMENTS.
- 3. THE MATERIAL SUPPLIED MEETS THE REQUIREMENTS OF NACE MR0175/ISO 15156-2.
- THE MATERIAL SUPPLIED AS A105N MEETS THE REQUIREMENTS OF BOTH NACE MRO103-2007 AND NACE MRO175/ISO 15156-2.
- 5. CERTIFYING ASTM A105-10 / ASME SA105-10 EDITION.
- 6. THE PRODUCT SUPPLIED WAS INSPECTED IN ACCORDANCE WITH EN 10204:2004 EDITION TYPE 3.1 INSPECTION DOCUMENT. (EUROPEAN STANDARD)
- 7. THE UNIT OF MEASURE FOR TENSILE AND YIELD (0.2%) STRENGTH ARE IN REPORTED IN PSI.
- 8. 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.

CMTR: REV2

by

Kylee Ruiz

QUALITY PROCESS MANAGER