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 09/09/2015

CUSTOMER ORDER NO.: BD00072442

BONNEY ORDER NO. B000193407

PO# 385
C1519733

SHIP TO: AMERICA DISPATCH
PLESA STEEL INC
302 QUIVIRA DRIVE
LAREDO TX 78045
United States

ITEM	QUANTITY	LOT NO.	GRADE OR SPECIFICATION NO. CHEMICAL ANALYSIS, PHYSICAL PROPERTIES, REMARKS:
1	1	59720	2 3000 LF2 90EL S SA/A350 LF2 CL1

Al 0.024 C 0.210 Co 0.003 Cr 0.030 Cu 0.060 Mn 1.040 Mo 0.006 N 0.003
Nb 0.014 Ni 0.020 P 0.006 S 0.024 Si 0.240 V 0.003
CE(Long Formula) = 0.40
T/S(PSI) 73,575 Y/S(PSI) 49,976 EL(%) 37.15 RA(%) 65.41
Brinell 130 BHN 132 BHN
Charpy -50 F 31/27/23 (Ft-Lbs)
Average 27.00

1. THE MATERIAL SUPPLIED IS FREE FROM MERCURY AND RADIUM CONTAMINATION.
2. THE FITTINGS SUPPLIED ARE IN ACCORDANCE WITH PURCHASE ORDER SPECIFICATIONS.
3. CERTIFYING TO ASTM A350 LF2 07 REVISION.
4. THE MATERIAL OF THE FITTINGS SUPPLIED IS ASTM A350-LF2 BUT MEETS THE REQUIREMENTS OF ASME SA350-LF2.
5. THE CHARPY V-NOTCH IMPACT TEST WAS PERFORMED AT -50 DEGREES FAHRENHEIT IN ACCORDANCE WITH A350-LF2.
6. THE MATERIAL SUPPLIED AS A350 LF2 CL1 MEETS THE REQUIREMENTS OF BOTH NACE MRO103-2007 AND NACE MRO175/ISO 15156-2.
7. THE MATERIAL SUPPLIED WAS NORMALIZED IN ACCORDANCE WITH ASTM A350 HEAT TREATING REQUIREMENTS.
8. THE FITTINGS SUPPLIED WERE NOT SUBJECTED TO ANY FORM OF WELD REPAIR.
9. THE PRODUCT SUPPLIED WAS INSPECTED IN ACCORDANCE WITH EN 10204:2004 EDITION TYPE 3.1 INSPECTION DOCUMENT. (EUROPEAN STANDARD)
10. 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 Kylee Ruiz

Kylee Ruiz
QUALITY PROCESS MANAGER

CMTR: REV2