CERTIFIED MILL TEST REPORT

The Best Value -Price, Quality, Service All The Time.

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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 09/25/2014

CUSTOMER

ORDER NO.: BD00070829

SHIP TO: AMERICA DISPATCH 302 QUIVIRA DRIVE

LAREDO TX 78045

United States

BONNEY ORDER NO. B000174184

PO# 272

C1413444

ITEM	QUANTITY	LOT NO.	GRADE OR SPECIFICATION NO. CHEMICAL ANALYSIS, PHYSICAL PROPERTIES, REMARKS:
2	4	6477	11/2 X 3/4 3000 LF2 REDU S SA/A350 LF2 CL1
			Al 0.025 C 0.200 Co 0.004 Cr 0.040 Cu 0.060 Mn 1.020 Mo 0.006 N 0.004
			Nb 0.013 Ni 0.030 P 0.009 S 0.021 Si 0.220 V 0.004 CE(Long Formula) = 0.39
		1	T/S(PSI) 75,005 Y/S(PSI) 48,522 EL(%) 31.80 RA(%) 62.26
		i	Brinell 135 BHN 130 BHN
			Charpy -50 F 66/49/70 (Ft-Lbs)
			Average 61.70
2	10	(724	11/0 W 11/4 2000 Y P2 DUDYY 0
3.	10	6734	11/2 X 11/4 3000 LF2 REDU S SA/A350 LF2 CL1
			Al 0.020 C 0.200 Co 0.003 Cr 0.020 Cu 0.050 Mn 1.030 Mo 0.003 N 0.003 Nb 0.014 Ni 0.020 P 0.004 S 0.016 Si 0.240 V 0.003
			CE(Long Formula) = 0.38
			T/S(PSI) 73,691 Y/S(PSI) 49,441 EL(%) 33.80 RA(%) 63.47
			Brinell 132 BHN 130 BHN
			Charpy -50 F 55/45/51 (Ft-Lbs) Average 50.30
		#0 ±0	Attorage 50.50
5	2	6423	11/2 3000 LF2 CAP S SA/A350 LF2 CL1
			Al 0.019 C 0.200 Co 0.003 Cr 0.040 Cu 0.060 Mn 1.030 Mo 0.005 N 0.003
			Nb 0.015 Ni 0.020 P 0.009 S 0.019 Si 0.220 V 0.003
			CE(Long Formula) = 0.39 T/S(PSI) 74,091 Y/S(PSI) 50,255 EL(%) 33.85 RA(%) 57.81
		E1	Brinell 135 BHN 132 BHN
		1	Charpy -50 F 22/25/23 (Ft-Lbs)
		,	Average 23.30

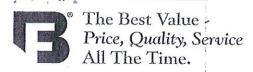
We certify that the data on this sheet is a true copy taken from our records of material furnished us by the production mill, or as obtained by additional laboratory checks.

Kylee Ruiz

QUALITY PROCESS MANAGER

CMTR: REV2

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DATE 09/25/2014

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BONNEY ORDER NO. B000174184

SHIP TO: AMERICA DISPATCH

302 QUIVIRA DRIVE LAREDO TX 78045 United States PO# 272 C1413444

ITEM QUANTITY

LOT NO.

GRADE OR SPECIFICATION NO.
CHEMICAL ANALYSIS, PHYSICAL PROPERTIES, REMARKS:

- 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

QUALITY PROCESS MANAGER

Ruin

CMTR: REV2