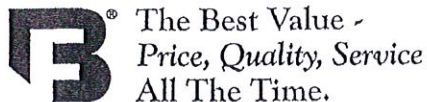


CERTIFIED MILL TEST REPORT



LOG NO. F00000000063595 Page 1 of 3

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 09/23/2014

CUSTOMER

BONNEY ORDER NO. B000174572

ORDER NO.: BD00070841

PO# 278

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

REF: C1413835

ITEM	QUANTITY	LOT NO.	GRADE OR SPECIFICATION NO. CHEMICAL ANALYSIS, PHYSICAL PROPERTIES, REMARKS:
1	1	59414	1 3000 HOT-DIP 90EL T SA/A105 Al 0.027 C 0.200 Co 0.004 Cr 0.030 Cu 0.040 Mn 1.080 Mo 0.005 N 0.004 Nb 0.014 Ni 0.020 P 0.005 S 0.019 Si 0.240 V 0.004 CE(Long Formula) = 0.39 T/S(PSI) 78,330 Y/S(PSI) 49,809 EL(%) 30.85 RA(%) 60.19 Brinell 139 BHN 144 BHN
2	300	59479	2 3000 A105 90EL S SA/A105 Al 0.023 C 0.210 Co 0.003 Cr 0.040 Cu 0.040 Mn 1.060 Mo 0.005 N 0.003 Nb 0.013 Ni 0.020 P 0.005 S 0.016 Si 0.240 V 0.003 CE(Long Formula) = 0.40 T/S(PSI) 77,639 Y/S(PSI) 52,203 EL(%) 33.85 RA(%) 61.77 Brinell 139 BHN 139 BHN
		59512	2 3000 A105 90EL S SA/A105 Al 0.026 C 0.200 Co 0.003 Cr 0.050 Cu 0.070 Mn 1.020 Mo 0.006 N 0.004 Nb 0.012 Ni 0.030 P 0.007 S 0.018 Si 0.220 V 0.004 CE(Long Formula) = 0.39 T/S(PSI) 75,787 Y/S(PSI) 51,197 EL(%) 36.80 RA(%) 59.18 Brinell 135 BHN 135 BHN
3	50	59496	1 3000 A105 45EL S SA/A105 Al 0.030 C 0.210 Co 0.003 Cr 0.040 Cu 0.060 Mn 0.970 Mo 0.004 N 0.004 Nb 0.014 Ni 0.030 P 0.011 S 0.024 Si 0.200 V 0.004 CE(Long Formula) = 0.39 T/S(PSI) 76,021 Y/S(PSI) 49,988 EL(%) 34.15 RA(%) 62.02 Brinell 139 BHN 139 BHN

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 Meloney Specht
 Meloney Specht
 QUALITY PROCESS MANAGER

CMTR: REV2

CERTIFIED MILL TEST REPORT

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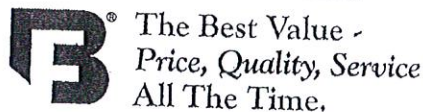
REF: C1413835

ITEM	QUANTITY	LOT NO.	GRADE OR SPECIFICATION NO.	CHEMICAL ANALYSIS, PHYSICAL PROPERTIES, REMARKS:
4	50	59433	1/2 6000 A105 TEE T	SA/A105 Al 0.029 C 0.200 Co 0.004 Cr 0.030 Cu 0.060 Mn 1.020 Mo 0.006 N 0.003 Nb 0.014 Ni 0.020 P 0.006 S 0.021 Si 0.210 V 0.004 CE(Long Formula) = 0.38 T/S(PSI) 75,760 Y/S(PSI) 50,719 EL(%) 33.60 RA(%) 55.82 Brinell 137 BHN 139 BHN
5	20	59464	1 X1 X 3/4 3000 A105 TEE S	SA/A105 Al 0.031 C 0.210 Co 0.003 Cr 0.050 Cu 0.070 Mn 0.980 Mo 0.006 N 0.003 Nb 0.012 Ni 0.020 P 0.009 S 0.018 Si 0.190 V 0.004 CE(Long Formula) = 0.39 T/S(PSI) 75,816 Y/S(PSI) 51,031 EL(%) 35.70 RA(%) 65.60 Brinell 141 BHN 141 BHN
6	50	59451	2 3000 A105 TEE S	SA/A105 Al 0.029 C 0.200 Co 0.004 Cr 0.030 Cu 0.080 Mn 1.020 Mo 0.006 N 0.005 Nb 0.013 Ni 0.030 P 0.006 S 0.022 Si 0.220 V 0.003 CE(Long Formula) = 0.39 T/S(PSI) 73,640 Y/S(PSI) 48,783 EL(%) 34.95 RA(%) 59.94 Brinell 139 BHN 137 BHN
		59449	2 3000 A105 TEE S	SA/A105 Al 0.029 C 0.200 Co 0.003 Cr 0.050 Cu 0.080 Mn 1.020 Mo 0.006 N 0.005 Nb 0.012 Ni 0.030 P 0.008 S 0.024 Si 0.210 V 0.004 CE(Long Formula) = 0.39 T/S(PSI) 73,488 Y/S(PSI) 48,994 EL(%) 34.65 RA(%) 61.68 Brinell 137 BHN 137 BHN

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 Meloney Specht
Meloney Specht
QUALITY PROCESS MANAGER

CMTR: REV2



CERTIFIED MILL TEST REPORT

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BONNEY FORGE CORPORATION
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CUSTOMER: WFI INTERNATIONAL, INC.

DATE 09/23/2014

CUSTOMER
 ORDER NO.: BD00070841

BONNEY ORDER NO. B000174572

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

PO# 278
 REF: C1413835

ITEM	QUANTITY	LOT NO.	GRADE OR SPECIFICATION NO.	CHEMICAL ANALYSIS, PHYSICAL PROPERTIES, REMARKS:
7	20	59060	3/4 6000 A105 TEE S	SA/A105 Al 0.020 C 0.210 Co 0.002 Cr 0.060 Cu 0.040 Mn 0.990 Mo 0.005 N 0.005 Nb 0.012 Ni 0.020 P 0.012 S 0.018 Si 0.230 V 0.003 CE(Long Formula) = 0.39 T/S(PSI) 77,133 Y/S(PSI) 51,192 EL(%) 34.20 RA(%) 62.80 Brinell 144 BHN 144 BHN
		59198	3/4 6000 A105 TEE S	SA/A105 Al 0.026 C 0.200 Co 0.004 Cr 0.030 Cu 0.060 Mn 1.020 Mo 0.004 N 0.002 Nb 0.014 Ni 0.020 P 0.005 S 0.017 Si 0.240 V 0.003 CE(Long Formula) = 0.38 T/S(PSI) 74,768 Y/S(PSI) 50,428 EL(%) 34.95 RA(%) 64.47 Brinell 139 BHN 139 BHN

1. THE MATERIAL SUPPLIED IS FREE FROM MERCURY AND RADIUM CONTAMINATION.
2. THE FITTINGS SUPPLIED ARE IN ACCORDANCE WITH PURCHASE ORDER SPECIFICATIONS.
3. THE MATERIAL SUPPLIED MBETS THE REQUIREMENTS OF NACE MRO175/ISO 15156-2.
4. CERTIFYING ASTM A105-13 / ASME SA105-10 EDITION.
5. THE FITTINGS SUPPLIED WERE NOT SUBJECTED TO ANY FORM OF WELD REPAIR.
6. THE PRODUCT SUPPLIED WAS INSPECTED IN ACCORDANCE WITH EN 10204:2004 EDITION TYPE 3.1 INSPECTION DOCUMENT. (EUROPEAN STANDARD)
7. ELONGATION TEST RESULTS ARE OBTAINED USING STANDARD ROUND SPECIMEN, 2 INCH OR 50 MM GAGE LENGTH.
8. THE MATERIAL SUPPLIED IS IN THE AS-FORGED CONDITION.

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 Meloney Specht
 Meloney Specht
 QUALITY PROCESS MANAGER

CMTR: REV2