

| ITEM | QUANTITY | LOT NO. | GRADE OR SPECIFICATION NO. | CHEMICAL ANALYSIS, PHYSICAL PROPERTIES, REMARKS:  |
|------|----------|---------|----------------------------|---|
| 23   | 41       | 58414   | 1 3000 A105 TEE T          | SA/A105<br>C 0.200 Cb 0.000 Co 0.003 Cr 0.060 Cu 0.100 Mn 0.990 Mo 0.010 Ni 0.030<br>P 0.009 S 0.018 Si 0.190 V 0.004<br>CE(Long Formula) = 0.39<br>T/S(PSI) 78,750 Y/S(PSI) 50,250 EL(%) 28.00 RA(%) 61.80<br>Brinell 147 BHN 147 BHN                  |
|      |          | 58321   | 1 3000 A105 TEE T          | SA/A105<br>Al 0.022 C 0.200 Co 0.003 Cr 0.030 Cu 0.180 Mn 1.010 Mo 0.010 N 0.004<br>Nb 0.012 Ni 0.040 P 0.007 S 0.019 Si 0.190 V 0.003<br>CE(Long Formula) = 0.39<br>T/S(PSI) 76,875 Y/S(PSI) 52,500 EL(%) 28.45 RA(%) 62.55<br>Brinell 139 BHN 137 BHN |
|      |          | 58361   | 1 3000 A105 TEE T          | SA/A105<br>Al 0.030 C 0.200 Co 0.004 Cr 0.040 Cu 0.100 Mn 1.050 Mo 0.010 N 0.006<br>Nb 0.015 Ni 0.050 P 0.008 S 0.017 Si 0.200 V 0.003<br>CE(Long Formula) = 0.40<br>T/S(PSI) 78,750 Y/S(PSI) 50,625 EL(%) 29.45 RA(%) 61.30<br>Brinell 150 BHN 153 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

# CERTIFIED MILL TEST REPORT

LOG NO. F00000000016122

Page 2 of 2

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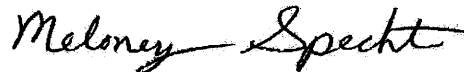
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United States

**ITEM QUANTITY LOT NO. GRADE OR SPECIFICATION NO.**  
**CHEMICAL ANALYSIS, PHYSICAL PROPERTIES, REMARKS:**

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 A105-10 / ASME SA105-10 EDITION.
4. THE PRODUCT SUPPLIED WAS INSPECTED IN ACCORDANCE WITH EN 10204:2004 EDITION TYPE 3.1 INSPECTION DOCUMENT. (EUROPEAN STANDARD)
5. THE UNIT OF MEASURE FOR TENSILE AND YIELD (0.2%) STRENGTH ARE IN REPORTED IN PSI.
6. ELONGATION TEST RESULTS ARE OBTAINED USING STANDARD ROUND SPECIMEN, 2 INCH OR 50 MM GAGE LENGTH.

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by



Meloney Specht  
**QUALITY PROCESS MANAGER**

**CMTR: REV2**