



Lynn Welding Co., Inc. Welder Qualification Test Record

Welder's Name: Tim Grove ID Number: 5835
WPS Used: PQR GTA-S25A22B-125-O (Test No. 4) Date Tested: 18-Jan-2021

| Variables | Values Record During Testing | Qualification Ranges |
|---|------------------------------|------------------------------|
| Process (w/ transfer mode if applicable) | GTAW | GTAW |
| Manual, Semi-automatic, Automatic | MA | MA |
| Base Metal | Non-heat treatable Aluminum | Aluminum and Aluminum Alloys |
| Specification | B928 | |
| Alloy | 5086-H116 | |
| P/S/M number | S-25 | All S-21 through S-26 |
| Thickness | 1/8-in. | 0.058 to 1/4- inch |
| Diameter (if pipe or tube) | NA | Over 24-inch |
| Joint Details | | |
| Butt or Fillet | Butt | Grooves & Fillets |
| With Backing / Open Root | Without | With or without |
| Position | | |
| Fillet | NA | Flat and Horizontal |
| Groove | 1G | Flat |
| Filler Metal | | |
| Specification | AWS A5.10 | A5.10 |
| Classification | R5356 | |
| Group Number or F Number | A-22B | A-21B, A-22B, A-23B, A-24B |
| Diameter | 1/8-inch | All |
| Technique | | |
| Progression | Forehand | Forehand |
| Single or Multiple Pass | Single | Single & Multiple |
| Current and Polarity (if Applicable) | AC | AC |
| Shielding Gas | Argon | Inert |

Examination and Test Results

Visual Acuity Test (Jaeger #1) per par. 5.2.12
Corrective eyewear required No Yes

Written Examination per par. 5.2.3.1 (c) Passed

Visual Examination per MIL-STD-2035A(SH), Class 1 Passed

Radiographic Test Results per 5.4.1.3 Passed

Welder Qualification Test Witnessed By: Albert J. Moore Jr.

Laboratory Tests Performed By: Albert J. Moore Jr. AWS SCWI

Laboratory: Marion Testing & Inspection

We, the undersigned, certify that the welder performance qualification test coupons were prepared, welded, and tested in accordance with the requirements of NAVSEA S9074-AQ-GIB-010/248 and that the information contained in this record is true and correct.

Manufacturing: LYNN WELDING

Date: 28-June-2021

Reviewed and Approved By:

Date: 28-June-2021

Darius Kania