

Boeing Testing Matrix

| Boeing Test Code | Test Description | EBA Procedure | EBA Nadcap Test Code |
|---|---|----------------------|-----------------------------|
| 802 Mechanical Testing Metallic | Room Temperature Tensile ASTM B557, ASTM B557M | A201 | A |
| | Room Temperature Tensile ASTM E8/E8M | A201 | A |
| | Impact Testing ASTM E23 | A202 | N |
| | Bend Testing ASTM E290 | A203 | XN |
| 803* Metallurgical Testing | Specimen Preparation ASTM E3 | B213 | L0 |
| | Macro Knoop/Vickers ASTM E92 | B208 | M2 |
| | Grain Size ASTM E112 | B218 | L11 |
| | Macroetching Alloys ASTM E340 | B205 | XL |
| | Microhardness Knoop/Vickers ASTM E384 | B208 | L1/L5 |
| | Microetching Alloys ASTM E407 | B206 | L0 |
| 808 Welder Qualification | BAC 5962 | W200 | U11 |
| 809 Process Solution Control | Chemical Testing | C218 | N/A |
| 810 Salt Spray Testing ASTM B117 | Corrosion – General | B201 | Q |
| 811 Welder Qualification | MIL-STD-1595 | W200 | Supplement A U11 |
| 811A Welder Qualification | AMS-STD-1595 | W200 | Supplement A U11 |
| 812 Fusion Welding Welder Qualification | AWS D17.1/D17.1M | W200 | Supplement B U11 |
| 812B Boeing Approved Visual Weld Inspector Certification Program | AC 7101/3 AC 7101/4 AC 7101/13 AC 7110/13S | W200 | WLD U11 |

*Per Mike Steele, Code 803 Includes Chemical Analysis Using Nadcap Accredited Test Codes (F3, G1, G5)