



## Q-2

### **A. Certified Material Test Report and Aircraft Fastener Testing**

Supplier shall include in each shipment the raw material manufacturer's test report. The test report shall certify that the relevant lot of raw material has been tested, inspected and verified compliant with the applicable specifications and is traceable to the Certified Material Test Report. .

***The Certified Material Test Report shall contain the following:***

1. Identify the raw material heat/lot number to which the report applies.
2. Identify the applicable raw material specifications, by number and revision level.
3. List the actual test / inspection values obtained for each chemical and physical property in the raw material specifications.
4. Identify the raw material manufacturer.
5. Be signed by a duly authorized officer or quality representative of the raw material manufacturer.
6. Test specimen gage diameter per ASTM E
7. Specifications including revision numbers or letters to which the material has been tested and/or inspected
8. When the material specification requires quantitative limits for chemical, mechanical, or physical properties, the test report shall contain the actual test and/or inspection values obtained.
9. No unauthorized processes (i.e. re-melt) shall be allowed.

#### ***Non-Destructive Evaluation Certifications***

When Non-Destructive Evaluation is required the contractor shall provide a Certificate of Conformance (C of C) to certify that the material meets the related requirements.

#### ***Independent Laboratory Testing***

If the material was altered (forged, rolled, heat treated etc.) subsequent to procurement from the mill and prior to delivery to DFRC, an Independent Laboratory Test shall be submitted with the material. The testing must be performed after all subsequent conversion processing. The test report must comply with requirements above for Manufacturer Test Certifications.

#### **Prohibited**

The contractor shall not provide material that has been machined down, sawed or by any other means to achieve the requested thickness or diameter.

The contractor shall not substitute cut plate for bar stock.

Approved Sept 2011

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