



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

**Advanced Component Testing
3279 Veterans Memorial Hwy
Ronkonkoma, NY 11779**

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17025:2005

while demonstrating technical competence in the field(s) of

TESTING

Refer to the accompanying Scope(s) of Accreditation for information regarding the types of tests to which this accreditation applies.

AT-1757

Certificate Number

ANAB Approval

Certificate Valid: 02/13/2017-02/13/2019
Version No. 003 Issued: 02/13/2017



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).



ANSI-ASQ National Accreditation Board

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Advanced Component Testing

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TESTING

Valid to: February 13, 2019

Certificate Number: AT - 1757

I. Non-Destructive

| ITEMS, MATERIALS OR PRODUCTS TESTED | SPECIFIC TESTS OR PROPERTIES MEASURED | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED | *KEY EQUIPMENT OR TECHNOLOGY |
|---|---------------------------------------|--|---|
| Electrical, Electronic and Electromechanical (EEE) Components | Resistance | MIL-STD-202G, Method 303A | LCR-819 Meter |
| Electrical, Electronic and Electromechanical (EEE) Components | Capacitance | MIL-STD-202G, Method 305A | LCR-819 Meter |
| Electrical, Electronic and Electromechanical (EEE) Components | Inductance | MIL-STD-202G | LCR-819 Meter |
| Electrical, Electronic and Electromechanical (EEE) Components | Group A Electrical | MIL-STD-883 | ATE and various Electronic Lab Equipment Temperature Chamber |
| Electrical, Electronic and Electromechanical (EEE) Components | Elemental Content by XRF | Internal Procedure AS6081 | Niton XL3t / test slug |
| Electrical, Electronic and Electromechanical (EEE) Components | Radiographic Examination / Inspection | Internal Procedure AS6081 | Glenbrook Jewel Box 70T |
| Electrical, Electronic and Electromechanical (EEE) Components | Visual Inspection | Internal Procedure IDEA-STD-1010B AS6081 | Dino-Lite Camera |



II. Mechanical

| ITEMS, MATERIALS OR PRODUCTS TESTED | SPECIFIC TESTS OR PROPERTIES MEASURED | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED | *KEY EQUIPMENT OR TECHNOLOGY |
|---|--|---|--|
| Electrical, Electronic and Electromechanical (EEE) Components | Marking Permanency Test | MIL-STD-202G, Method 215K Internal Procedure AS6081 | Chemical Solution |
| Electrical, Electronic and Electromechanical (EEE) Components | Packaging Configuration and Dimensions | MIL-STD-883 Method 2016 Internal Procedure AS6081 | Calipers Device to print Package Dimensions |
| Electrical, Electronic and Electromechanical (EEE) Components | Solderability | MIL-STD-883 Method 2003.9 Internal Procedure | RPS Steam Ager Solder Pots Digital Thermometer |
| Electrical, Electronic and Electromechanical (EEE) Components | Testing for Resurfacing | IDEA-STD-1010B AS6081 | Mark-Scrape test Chemical Solutions Dynasolve Digital Thermometer |
| Electrical, Electronic and Electromechanical (EEE) Components | Decapsulation and Die Verification | IDEA-STD-1010B Internal Procedure AS6081 | Nisene Jet-Etch Decapsulator, Microscope |

Notes:

1. * = As Applicable
2. This scope is formatted as part of a single document including the Certificate of Accreditation No. AT-1757


 Vice President