



**DEFENSE LOGISTICS AGENCY**  
**WEAPONS SUPPORT**  
**P.O. BOX 3990**  
**COLUMBUS, OHIO 43218-3990**

December 16, 2025

Marti McCurdy  
CEO  
Spirit Electronics  
11202 N 24<sup>th</sup> Avenue  
Phoenix, AZ 85029

Dear Ms. McCurdy:

Re: Commercial Laboratory Suitability for MIL-STD-883; FSC 5962; VQC-26-040005;  
Abel. CN: 093890

Based on the results of the DLA Weapons Support audit conducted during the week of April 21<sup>st</sup>, 2025, Spirit Electronics is considered suitably equipped to perform the MIL-STD-883 tests, listed in the enclosure, in accordance with the requirements of military specification MIL-PRF-38535 effective immediately. This letter supersedes the previous Commercial Laboratory Suitability letter, DLA Land and Maritime- VQC-23-038009.

Your laboratory is to maintain a record for all microcircuit testing and submit a three-part summary annually to DLA Weapons Support-VQC that will include the following three parts as a minimum:

1. Retention Report
  - a. Military Part Number
  - b. Vendor Part Number
  - c. Manufacturer/ Customer
  - d. Lot Date Code
  - e. Test Method(s) and Specified Conditions
  - f. Date Test Completed
  - g. Quantity Tested
  - h. Quantity Accepted and Rejected, when evaluating Acceptability
2. Summary of MIL-STD-883 Internal Audit Results
3. Master List of Controlled Documents (External and Internal), including Current Revision

The standard retention-reporting period is the calendar year, from 01 JAN through 31 DEC. Your three-part report is then due by 31 JAN the following year.

Test labs shall notify the qualifying activity immediately after learning of a potential issuance of a GIDEP alert, problem advisory or major quality/reliability problem on their military products utilizing the test methods on the attached enclosure. Failure to provide prior notification may be grounds for removal from DLA Weapons Support's Commercial Lab Suitability Listing.

This laboratory suitability is subject to the policies, procedures, and conditions of the Defense Standardization Program, as published in the manual DoD 4120.24-M, SD-6, and DLA Land and Maritime-VQ Laboratory Suitability Booklet.

This laboratory suitability is valid until withdrawn by DLA Weapons Support-VQC. Any deviation to the test method or condition(s) listed herein must be approved by the Qualifying Activity.

If you have any questions, please contact Mr. Jerrod Abel at (614) 693-7604.

Sincerely,

MICHAEL S. ADAMS  
Chief  
Custom Devices Team

Enclosure

<u>Test</u>	<u>Method/Condition</u>
Steady State Life	1005 A-D
Stabilization Bake	1008 A-D
Temperature Cycling	1010 A-E
Burn-in	1015 A-D
Solderability	2003 Tests A-C
External Visual	2009
Bond Strength	2011
Radiography	2012
Internal Visual for DPA	2013
SEM	2018
Die Shear Strength	2019
PIND	2020
Ultrasonic Inspection of Die Attach	2030
Highly Accelerated Temperature and Humidity Stress Test (HAST) - Biased	JESD22-A110
Accelerated Moisture Resistance - Unbiased HAST	JESD22-A118