



DEFENSE LOGISTICS AGENCY  
LAND AND MARITIME  
POST OFFICE BOX 3990  
COLUMBUS, OH 43218-3990

February 24, 2016

Jenifer Sparr  
Quality Manager  
Silicon Cert Laboratories  
4201 Pottsville Pike  
Reading, PA 19605

Dear Ms. Sparr:

Re: Commercial Laboratory Suitability Status; MIL-STD-883; FSC 5962; VQC-16-029987; Patterson. CN: 043103.

Based on the results of the DLA Land and Maritime audit conducted during the week of May 12<sup>th</sup> 2014, Silicon Cert Laboratories is considered suitably equipped to perform the MIL-STD-883 tests, listed in the enclosure, on monolithic microcircuits in accordance with the requirements of military specification MIL-PRF-38535 effective immediately.

Your laboratory is to maintain a record for all microcircuit testing and submit a summary annually to DLA Land and Maritime-VQC which will include the following 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 Internal Audit Results
3. Master List of Controlled Documents, Including Revision Information

The standard retention reporting period is from 01 Jan through 31 Dec. Your report is then due by 01 March 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 Land and Maritime'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 the DLA Land and Maritime-VQ Laboratory Suitability Booklet.

This laboratory suitability is valid until withdrawn by DLA Land and Maritime-VQC.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. Philip Patterson at (614) 692-2178.

Sincerely,

MICHAEL S. ADAMS  
Chief  
Custom Devices Branch

Enclosure

Visit us on the web at: [http://www.landandmaritime.dla.mil/offices/sourcing\\_and\\_qualification/](http://www.landandmaritime.dla.mil/offices/sourcing_and_qualification/)

Enclosure to DLA Land and Maritime-VQ (VQC-16-029987)

<b><u>TEST</u></b>	<b><u>METHOD/CONDITION</u></b>
Moisture Resistance	1004
Stabilization Bake	1008 A,B,C,D
Temperature Cycling	1010 A,B,C,D,F
Thermal Shock	1011 A,B,C
Constant Acceleration	2001 A,B,C,D,E,F
Mechanical Shock	2002 A,B
Solderability	2003 A,B,C,S
Vibration, Variable Frequency	2007 A
Radiography	2012
Resistance to Solvents	2015
Particle Impact Noise Detection (PIND)	2020 A,B
Random Vibration	2026 I-II
Resistance to Soldering Heat	2036 A,B,I,J,K