



DEFENSE LOGISTICS AGENCY
DEFENSE SUPPLY CENTER, COLUMBUS
POST OFFICE BOX 3990
COLUMBUS, OH 43216-5000

IN REPLY
REFER TO

DSCC-VQC-09-018812/Mr. Yu/614-692-0588

November 13, 2009

SUBJECT: Commercial Laboratory Suitability Status, MIL-STD-883, FSC 5962

Mr. Thomas S. Speakman
Managing Director
Silicon Cert Ltd.
4201 Pottsville Pike
Reading, PA 19605

Dear Mr. Speakman:

Based on the results of the DSCC audit conducted during the week of 18 May 2009 at 4201 Pottsville Pike, Silicon Cert is considered suitably equipped to perform the MIL-STD-883 tests listed in the enclosure effective immediately.

Your laboratory is to maintain a record for all microcircuit testing and submit a summary annually to DSCC-VQC which will include the following as a minimum:

- a. Military part number, SMD, or MIL-STD-883 identification
- b. Date code
- c. Quantity tested
- d. Number of devices pass/fail
- e. Manufacturer
- f. Manufacturer's lot number
- g. Test method(s)/condition(s)
- h. Date test completed
- i. Qualification test report number as applicable
- j. Self audit reports with deficiencies and corrective actions

The standard reporting period is from May 1 through April 30. Your present reporting period is from July 1, 2009 through June 30, 2010 and due by July 31, 2010.

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 DSCC's Commercial Lab Suitability Listing.

This laboratory suitability is valid subject to the conditions as stated in DoD 4120.24-M and SD-6. All processing procedures will incorporate the handling, testing, and packaging requirements according to the guidelines in JESD625 and EIA-541. This laboratory suitability is valid until withdrawn by DSCC-VQC.

If you have any questions, please contact Mr. Grammens at (614) 692-0604.

Sincerely,

A handwritten signature in black ink that reads "Michael S. Adams". The signature is written in a cursive style with a large, sweeping initial "M".

MICHAEL S. ADAMS
Chief
Custom Devices Team

Enclosure

cc:

VQC (Michael Grammens)

VQC (Scott Thomas)

Enclosure to DSCC-VQC-09-018812

| <u>TEST</u> | <u>METHOD/CONDITION</u> |
|------------------------------|--|
| Stabilization Bake | 1008/A-D |
| Temperature Cycling | 1010/A-D, F |
| Thermal Shock | 1011/A-C |
| Seal | 1014/A1, A2, C3 |
| Constant Acceleration | 2001/A-F |
| Mechanical Shock | 2002/A-B |
| Solderability | 2003/Test A-C and Category 2-3 (J-STD-002) |
| Variable Frequency Vibration | 2007/A |
| Resistance to Solvents | 2015 |
| PIND | 2020/A-B |
| Random Vibration | 2026/I-II |