



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

IN REPLY
REFER TO

DSCC-VQC-08-015138/ (Mr. Grammens/614-692-0604/mjg)

MAR 03 2008

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

Mr. Michael Heddlesten
Quality Assurance Manager
Wyle Laboratories
5452 Betsy Ross Dr.
Santa Clara, CA 95054

Dear Mr. Heddlesten:

Based on the successful audit conducted on 21 September 2007, Wyle Laboratories at 5432 Betsy Ross Dr. is considered suitably equipped to perform the revised list of MIL-STD-883 tests (see enclosure) on monolithic microcircuits in accordance with the requirements of military specifications MIL-PRF-38535.

The previous laboratory letter (VQC-07-013939) granted to Wyle Laboratories is superseded by this letter.

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 883 identification
- b. Date code
- c. Quantity tested
- d. Manufacturer
- e. Manufacturer's lot number
- f. Test method(s)/condition(s)
- g. Date test completed
- h. Qualification test report number as applicable
- i. 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 May 1, 2008 through April 30, 2009.

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 JEDEC Publication 108 and EIA-STD-5. This laboratory suitability is valid until withdrawn by DSCC-VQC.

If you have any questions, please contact Mr. Michael 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, looping initial "M".

MICHAEL S. ADAMS
Chief
Custom Devices Team

Enclosure

cc: VQC (Scott Thomas)

enclosure to DSCC- VQC-08-015138

<u>TEST</u>	<u>METHOD/CONDITION</u>
Insulation Resistance	1003/(A-E, 600V, 100 na)
Moisture Resistance	1004
Steady State Life Test	1005/(A-E, Ta*,Tc*)
Stabilization Bake	1008/(A-D)
Salt Atmosphere	1009/(A-D)
Temperature Cycling	1010/(A-C)
Thermal Shock	1011/(A-C)
Seal	1014/(A ₁ , A ₂ , B*, C ₁)
Burn-in	1015/(A-D, Ta*, Tc*)
Constant Acceleration	2001/(A-E)
Mechanical Shock	2002/(A-G)
Solderability	2003
Lead Integrity	2004/(A*, B ₁ , B ₂ , D)
Vibration, Variable Frequency	2007/(A-C)
External Visual	2009
Bond Strength	2011
Resistance to Solvents	2015
Physical Dimensions	2016
Die Shear Strength	2019
PIND	2020/A, B
Nondestructive Bond Pull	2023
Lid Torque for Glass Frit Sealed Packages	2024
Adhesion of Lead Finish	2025
Random Frequency Vibration	2026
Resistance to Soldering Heat	2036/A,B
Pin Grid Destructive Lead Pull	2028
Electrical Test	MIL-STD-883 Par 4.5 Reference DSCC letter VQC-08-014536