



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

December 12, 2016

Dr. Arun Kumar
SEAL Laboratories
250 North Nash Street
El Segundo, CA 90245-4529

Dear Dr. Kumar:

Re: VQE-16-030500 Commercial Laboratory Suitability Status, MIL-STD-750, FSC 5961;
MIL-STD-883, FSC 5962, Control Number 051518

As a result of our audit during the week of 22 June, 2015, your facility at the above address is considered suitably equipped to perform testing on military devices for the following test methods of MIL-STD-750:

<u>TEST</u>	<u>METHOD</u>	<u>CONDITION</u>
Internal Water-Vapor Content	1018	Procedure 1, Package volume shall be 0.01 – 25 cm ³
PIND	2052	A, B
Radiography	2076	
Scanning Electron Microscope (SEM)	2077	

In addition, your facility is considered suitably equipped to perform testing on military devices for the following test methods of MIL-STD-883:

<u>TEST</u>	<u>METHOD</u>	<u>CONDITION</u>
Stabilization Bake	1008	C (150 ^o C)
Internal Water-Vapor Content	1018	Procedure 1, Package volume shall be 0.01 – 25 cm ³
Radiography	2012	
PIND	2020	A, B

This suitability is valid until terminated by written notification from the office of primary interest (OPI), qualifying activity. Your laboratory may be re-audited on a drop-in basis and commercial laboratory suitability may be withdrawn by this Center at any time.

This suitability prohibits your company from removing or altering the device marking. Any device that fails testing conditions shall be identified (isolated) as a reject and returned to the device manufacturer for verification of failure mode or the device(s) shall be destroyed with manufacturer approval under government witness.

The approved test methods and procedures shall be used for all military testing. Any time the test method is specified in a contract or purchase order, etc., you must comply fully with the specified test method. Whenever the military standard is specified, the testing must be performed in accordance with the DLA Land and Maritime approved procedure, to all the military standard requirements, and in accordance with what was demonstrated during the DLA Land and Maritime audit. Any exceptions to the DLA Land and Maritime approved test method must be clearly stated in the contract. However, under no circumstances can changes, exceptions, waivers, etc., be applied when a test is done on a QPL or QML product unless the test method is officially amended or revised by the preparing activity of the military document.

Electrostatic discharge sensitivity (ESDS) requirements are enforced by this Center. Therefore, all hybrid/monolithic/semiconductor electronic devices will be handled as ESD sensitive (class zero), unless otherwise notified by the device manufacturer. Consequently, all processing procedures will incorporate the handling, testing, and packaging requirements according to the guidelines in MIL-HDBK-263 and JESD625.

To maintain laboratory suitability status for the above listed test methods, you are required to compile a summary of all hybrid/monolithic devices tested to the requirements of MIL-STD-883 and a summary of semiconductor devices tested to the requirements of MIL-STD-750. One summary to VQH for MIL-STD-883 and the other summary to VQE for MIL-STD-750 shall also include the other information described below and shall be submitted every twelve months. Your reporting period is from January 1 through December 31. The retention report shall include the items in section IV of DLA Land and Maritime's Laboratory Suitability Information booklet.

The use of your laboratory for performing testing is subject to conditions stated in 4120.24-M and SD-6.

If you have any questions, please contact Mr. Dan Miller at (614) 692-2908 or Mr. Alan Barone at (614) 692-0510.

Sincerely,

RAYMOND L. KOLONCHUK
Chief
Electronic Devices Branch