



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

November 25, 2014

Mr. Thomas Regan
Quality Manager
VPT Radiation Laboratory and Test Services (VPT Rad)
101 Brick Kiln Rd, Suite 2, Unit 2
Chelmsford, MA 01824

Dear Mr. Regan:

Re: Commercial Laboratory Suitability, MIL-STD-883/MIL-STD-750, FSCs 5961/5962,
VQH-14-028561, CN044996

As a result of our audit the week of September 8, 2014, your facility at the above address is considered suitably equipped to provide radiation testing on military devices for the following test methods of MIL-STD-883 and MIL-STD-750.:

Method 1019 Ionizing Radiation (Total Dose): Conditions A, C, and D, Irradiation using your own Cobalt-60 Gamma-Ray Sources (using Alanine dosimetry), and 1017 using the reactor at University of Mass- Lowell.

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 Your laboratory may be re-audited on a drop-in basis and may be withdrawn by this Center at any time.

The approved dosimetry procedure 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 radiation conditions and 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 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 QML/QPL product unless the test method is officially amended or revised by the preparing activity of the military document.

Electrostatic discharge sensitivity (ESDS) requirements as stated in MIL-PRF-38534 are enforced by this Center. Therefore, all electronic devices will be handled as ESD sensitive (category 1), 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 summaries of all hybrid/monolithic microcircuits, and semiconductor electronic devices irradiated at your facility and those you both irradiate and test to the requirements of the above test methods. These summaries and other information described below shall be submitted every twelve months.

Your standard reporting period will include work performed from January 1 through December 31. Your next retention reports shall be submitted to DLA Land and Maritime by January 31, 2015 for irradiation only, and January 31, 2016 for the next year's irradiation only, and for all irradiation plus test performed from the time of your approval in September. The retention reports 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 concerning this letter, please contact Miss Schneider at (614) 692-0585.

Sincerely,

JAMES ESCHMEYER
Chief
Hybrid Devices Branch