



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

July 7, 2020

Precision Test Solutions  
6120 Hanging Moss Road  
Orlando, Florida 32807

Re: Laboratory Suitability Status, MIL-STD-883, FSC 5962, VQH-20-035320

As a result of our audit the week of February 3, 2020 your facility at the above address 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>
Moisture Resistance	1004	N/A
Salt Atmosphere	1009	A
Temperature Cycling	1010	C
Thermal Shock	1011	C
Seal	1014	B <sub>1</sub> , B <sub>2</sub>
Constant Acceleration	2001	A-E, 30,000 g's (Y <sub>1</sub> Axis)
Mechanical Shock	2002	B
Solderability	2003	N/A
Lead Integrity	2004	B <sub>2</sub>
Vibration, Variable Frequency	2007	A, B
Bond Strength	2011	D
Radiography	2012	N/A
Resistance to Solvents	2015	N/A
Physical Dimensions	2016	N/A
PIND	2020	A, B
Lid Torque	2024	N/A

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 Your laboratory may be re-audited on a drop-in basis and commercial laboratory suitability may be withdrawn by this Center at any time.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 as stated in MIL-PRF-38534 are enforced by this Center. Therefore, all hybrid/monolithic 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 a summary of all hybrid/monolithic electronic devices tested to the requirements of the above test methods. This summary and other information described below shall be submitted every twelve months.

Your standard reporting period will include work performed from February 1 through January 31. Your next retention report shall be submitted to DLA Land and Maritime by March 1, 2021. The retention report shall include the items in section IV of DLA Land and Maritime 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 Mrs. Jackie Cunningham at (614) 692-0584.

Sincerely,

RICHARD J. BARKER  
Chief  
Hybrid Devices Team