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List of Commercial Laboratories Suitable for Testing Military Devices

This is a list of commercial laboratories, which have a DLA Land and Maritime-VQ letter of suitability to test to the military specifications indicated. Only commercial laboratories that have been issued laboratory suitability for a particular test method are eligible to test the federal stock class type of device called out in a laboratory suitability letter.

This list is divided into three sections; each section is dedicated to particular test standards and methods for which the laboratory has been given suitability.

The first column labeled **Laboratory** gives the name, address, phone number, and point of contact for each laboratory. The second column **Test Methods (Conditions)** lists the test standard (if more than one is included in a section), followed by a colon then the listing of methods from that particular test standard. If only certain conditions of a method are approved, they will be shown in parenthesis following the test condition (eg: 883: 1015, 1014, (A,B,E), 2003). These may include test methods such as those described in ASTM, IPC documents. The third column **Specification** lists the military specifications for QPL/QML electronic and construction components that the laboratory reports having tested. The last column **OPI** lists the DLA Land and Maritime Office of Primary Interest, which is the point of contact for any questions concerning that laboratory.

QPL/QML manufacturers using any of the facilities listed shall perform their own self audit of the commercial laboratory, initially and annually thereafter to verify continual compliance with the military requirements.

Laboratory suitability granted by DLA Land and Maritime-VQ prohibits commercial laboratories from removing or altering the military specification marking required on the device. A device that fails testing conditions shall be identified (isolated) as a reject and returned to the manufacturer for verification of failure mode.

These commercial laboratories are subject to the conditions as stated in DoD 4120.24M (Defense Standardization and Specification Program, Policies, Procedures and Instructions) and **SD-6** (Provisions Governing Qualification) and the [May 2004 VQ booklet](#), [DLA Land and Maritime-VQ Laboratory Suitability Information](#).

This list will be revised periodically, but it is recommended that for current laboratory status, or to clarify any questions pertaining to the use of this list, the following individuals be contacted:

Office	Name	Telephone	DSN	Email	Comments
VQC	Michael Grammens	614-692-0604	850-0604	vqc.mpg@dla.mil	
VQE	Jeffrey Ciesla	614-692-0624	850-0624	vqe.jc@dla.mil	MIL-PRF-31032, MIL-PRF-55110, MIL-P-50884
VQE	Carl Dello-Stritto	614-692-0616	850-0616	vqe.cd@dla.mil	MIL-STD-750 only
VQH	Jacqueline Cunningham	614-692-0584	850-0584	vqh.jc@dla.mil	
VQP	Dwight Oglesby	614-692-0609	850-0609	vqp.do@dla.mil	

Section I

Standard	Description
MIL-STD-1344	Test Methods for Electrical Connectors (was cancelled on October 22, 2004, and replaced by EIA364)
MIL-STD-167-1	Mechanical Vibrations of Shipboard Equipmnt (Type I - Environmental and Type II - Internal)
MIL-STD-202	Test Methods for Electronic and Electrical Component Parts
MIL-STD-462	Test Method Standard for Measurement of Electromagnetic Interference Characteristics
MIL-STD-810	Environmental Test Methods and Engineering Guidelines

Laboratory	Test Methods (Conditions)	Specifications	OPI
Trace Laboratories 1150 W. Euclid Ave. Palatine, IL 600677368 United States Mr. Jit Gupta Phone: (847) 934-5300	202: 101, 103, 104, 105, 106, 107, 108, 111, 201, 204, 208, 210, 211, 213, 214, 215, 301, 302, 303, 304, 305, 306, 307, 310 PWB: Full Suitability 1344: 1001, 1002, 1003, 1004, 1005, 1011, 1016, 1017, 2001, 2002, 2003, 2004, 2005, 2007, 2008, 2010, 2013, 2014, 2016, 2017, 2018, 2019, 3001, 3002, 3003, 3006, 3007	21097 , 31032 , 50884 , 55110 , 55302	VQE VQP

Section III

Standard	Description
MIL-STD-883	Test Methods and Procedures for Microelectronics

Laboratory	Test Methods (Conditions)	Specifications	OPI
Trace Laboratories 5 North Park Dr. Hunt Valley, MD 210301813 United States Mr. Scott Opperhauser Phone: (410) 584-9099	883: 5011 (Materials, Viscosity, Pot Life, Shelf Life, Thermogravimetric Analysis, Ionic Impurities, Bond Strength (Lapshear), Thermal Conductivity, Volume Resistivity, Dielectric Constant, Dissipation Factor, Coefficient of Linear Thermal Expansion	38534 , 38535	VQH