



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

November 4, 2011

Mr. Jim Wolbert
Director, Quality
Micross Components, Orlando
7725 N. Orange Blossom Trail
Orlando, FL 32810-2696

Dear Mr. Wolbert:

Re: Laboratory Suitability for MIL-PRF-38535 and MIL-STD-883; FSC 5962; VQC-11-022999; Thomas

Micross Components, Orlando (MCO) has demonstrated to DLA Land and Maritime compliance with MIL-PRF-38535 and MIL-STD-883. MCO is granted Laboratory Suitability for the facilities, test methods, and conditions shown on the enclosure. This Laboratory Suitability supersedes the previous Laboratory Suitability, DLA Land and Maritime-VQC-10-020201. This Laboratory Suitability also covers MCO's Commercial Laboratory Suitability. All testing must be performed in accordance with MIL-PRF-38535 and MIL-STD-883 test methods.

To maintain the Commercial Laboratory Suitability, you are required to compile a Retention Report to be submitted to DLA Land and Maritime-VQC of all devices tested to the requirements of MIL-PRF-38535 and MIL-STD-883, as follows:

1. Parts marked with the "QML", "Q", or "QD" certification mark (QML-38535 parts)
2. Parts marked with "C" or "D" certification mark (MIL-PRF-38535, appendix A, 883 compliant parts)

The Retention Report shall include the following as a minimum:

1. Military part number, SMD, or MIL-STD-883 identification
2. Date code
3. Quantity tested
4. Quantity passed/failed
5. Part manufacturer
6. Manufacturers' lot numbers
7. Test method(s)/condition(s)
8. Date test(s) completed
9. Qualification test report number as applicable
10. Self-audit report, with deficiencies and corrective actions



The standard reporting period is from 1 May through 30 April. Your first reporting period is from 1 May 2011 through 30 April 2012 and due by 15 June 2012.

MCO shall notify DLA Land and Maritime-VQC 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 notification to the DLA Land and Maritime Qualifying Activity may be grounds for removal from the Commercial Laboratory Suitability Listing.

This Laboratory Suitability is subject to the policies, procedures, and conditions of the Defense Standardization Program, as published in DoD 4120.24-M and SD-6. This Laboratory Suitability is valid until terminated by written notice from DLA Land and Maritime-VQC. If warranted, it may be withdrawn by DLA Land and Maritime-VQC at any time. Any facility listed on the enclosure is subject to an audit by the Qualifying Activity with a minimum notice.

Sincerely,



MICHAEL S. ADAMS
Chief
Custom Devices Branch

Enclosure

cc:

DLA Land and Maritime-VQC (Scott Thomas)
DLA Land and Maritime-VQC (Philip Patterson)
DLA Land and Maritime-VQC (Sean McNulty)
DLA Land and Maritime-VQ (Alberta Petruskevich)
Micros Components Orlando (Jim Wolbert, Quality Director)

Visit us on the web at: http://www.dsccl.dla.mil/offices/sourcing_and_qualification/

Enclosure to DLA Land and Maritime-VQ (VQC-11-022999)

TEST	METHOD/CONDITION	Micross Components, Orlando	Outsource Lab
Moisture Resistance	1004		Micross Components, Austin
Steady State Life Test	1005/A,B,C,D,E,F	X	
Stabilization Bake	1008/ A,B,C,D,E,F	X	
Salt Atmosphere	1009/A,B,C,D		Micross Components, Austin
Temperature Cycling	1010/A,B,C,D,F	X	Micross Components, Austin
Thermal Shock	1011/A,B,C		Micross Components, Austin
Seal	1014/A1,A2,C1	X	
Burn-in	1015/A,B,C,D,E,F	X	
Internal Water Vapor Content	1018		Atlantic Analytical
Constant Acceleration	2001/A,B,C,D,E	X	
Mechanical Shock	2002/A,B		Micross Components, Austin
Solderability	2003/		Micross Components, Austin
Lead Integrity	2004/B1,B2,D	X	
Vibration, Variable Frequency	2007/A		Micross Components, Austin
External Visual	2009	X	
Internal Visual	2010/A,B	X	
Bond Strength	2011/D	X	
Internal Visual for DPA	2013	X	
Resistance to Solvents	2015	X	
Physical Dimensions	2016	X	
SEM	2018	X	Hi-Rel Laboratories
Die Shear Strength	2019	X	
PIND	2020/A,B	X	
Glassivation Integrity	2021/B	X	
Adhesion of Lead Finish	2025	X	
ESDS Classification	3015		Silicon Turnkey Solutions ISE Labs Inc.
Electrical Test	Per MIL-STD-883 paragraph 4.5 and device spec.	X	