



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

October 21, 2020

Christopher Brigham
Senior Director of Operations
Eurofins EAG Engineering Sciences
2710 Walsh Avenue
Santa Clara, CA 95051

Dear Mr. Brigham:

Re: Commercial Laboratory Suitability Status; MIL-STD-883; FSC 5962; VQC-20-035523; ABEL. CN: 074111.

Based on the results of the DLA Land and Maritime audit conducted during the week of January 27th, 2020, Eurofins EAG is considered suitably equipped to perform the MIL-STD-883 tests, listed in the enclosure, on monolithic microcircuits in accordance with the requirements of military specification MIL-PRF-38535 effective immediately.

Your laboratory is to maintain a record for all microcircuit testing and submit a three-part summary annually to DLA Land and Maritime-VQC that will include the following three parts as a minimum:

1. Retention Report
 - a. Military Part Number
 - b. Vendor Part Number
 - c. Manufacturer/ Customer
 - d. Lot Date Code
 - e. Test Method(s) and Specified Conditions
 - f. Date Test Completed
 - g. Quantity Tested
 - h. Quantity Accepted and Rejected, when evaluating Acceptability
2. Summary of MIL-STD-883 Internal Audit Results
3. Master List of Controlled Documents (External and Internal), including Current Revision

The standard retention-reporting period is the calendar year, from 01 JAN through 31 DEC. Your three-part report is then due by 01 March the following year.

Test labs shall notify the qualifying activity 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 prior notification may be grounds for removal from DLA Land and Maritime's Commercial Lab Suitability Listing.

This Laboratory Suitability is subject to the policies, procedures, and conditions of the Defense Standardization Program, as published in the manual DoD 4120.24-M, SD-6, and the DLA Land and Maritime-VQ Laboratory Suitability Booklet.

This laboratory suitability is valid until withdrawn by DLA Land and Maritime-VQC. Any deviation to the test method or condition(s) listed herein must be approved by the Qualifying Activity.

If you have any questions, please contact Mr. Jerrod Abel (614) 692-9933.

Sincerely,

MICHAEL S. ADAMS
Chief
Custom Devices Branch

Enclosure

Visit us on the web at: https://landandmaritimeapps.dla.mil/Offices/Sourcing_and_Qualification/

Enclosure to DLA Land and Maritime-VQ (VQC-20-035523)

<u>TEST</u>	<u>METHOD/CONDITION</u>
Moisture Resistance	1004
Steady State Life Test	1005 A-E (Class B/S)
Intermittent Life Test	1006 A-E
Stabilization Bake	1008
Temperature Cycling	1010 A-C
Thermal Shock	1011 A-C (Irvine, CA)
Burn-in	1015 A-E (Class B/S)
Ultrasonic Inspection of Die Attach	2030 (Sunnyvale, CA)
ESDS Classification	3015
ESDS Testing, Charged Device Model (CDM)	JS-002
ESDS Testing, Human Body Model (HBM)	JS-001
IC Latch-Up Test	3023 (JESD78)
Highly Accelerated Temperature and Humidity Stress Test (HAST) - Biased	JESD22-A110
Accelerated Moisture Resistance - Unbiased HAST	JESD22-A118