



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

May 20, 2011

Mr. Russell Shepherd
Microtek Laboratories
1435 Allec Street
Anaheim, CA 92805

Dear Mr. Shepherd:

RE: Laboratory Suitability Status, MIL-PRF-55110, MIL-P-50884, MIL-PRF-31032;
VQE-11-022550

The corrective actions submitted in response to the January 2011 audit have been found acceptable to close the audit. Based on these corrective actions and the audit in January 2011, Microtek Laboratories is considered suitably equipped to perform qualification, group A, group B, group C testing, along with lot conformance inspection and periodic inspection to Department of Defense Performance Specifications MIL-PRF-55110, MIL-P-50884, and MIL-PRF-31032 for the following test methods:

IPC-TM-650 Test Methods Manual

- Method 2.1.1 Manual Microsectioning
- Method 2.1.1.2 Automatic Microsectioning
- Method 2.1.8 Workmanship
- Method 2.2.17 Surface Roughness & Profile of Metallic Foils
- Method 2.3.25 Ionizable Detection of Surface Contamination (Static Method)
- Method 2.3.4 Resistance to Solvents
- Method 2.3.15 Purity, Copper Foil or Plating
- Method 2.4.1 Plating Adhesion
- Method 2.4.1.1 Adhesion, Marking Paints & Inks
- Method 2.4.3.1 Flexibility Endurance
- Method 2.4.8 Surface Peel Strength
- Method 2.4.18 Tensile Strength and Elongation, Copper Foil
- Method 2.4.21 Land Bond Strength, Unsupported Component Hole
- Method 2.4.22 Bow and Twist
- Method 2.4.28.1 Solder Mask Adhesion
- Method 2.4.36 Rework Simulation, Plated-Through Holes for Leaded Components
- Method 2.5.7 Dielectric Withstanding Voltage
- Method 2.6.3 Moisture and Insulation Resistance
- Method 2.6.7.2 Thermal Shock
- Method 2.6.8 Plated Through Holes Thermal Stress




J-STD-003 Solderability Tests for Printed Boards

ASTM E345 Elongation of Copper and Tensile Strength of Copper

This suitability includes the electrical testing, continuity and circuit shorts, as described in the above specifications. The length of laboratory suitability is valid until terminated by written notification from the qualifying activity. Suitability, if warranted, may be withdrawn by the qualifying activity at any time. See the enclosure for additional terms and conditions. If you have any questions please call Mr. Jonathan Stone, 614-692-3022.

Sincerely,



RAYMOND L. KOLONCHUK
Chief
Electronic Devices Branch

