



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

April 25, 2011

Mr. Deepak George
 Quality Assurance Manager
 Exporior Laboratories
 1635 Ives Avenue
 Oxnard, CA 93033

Dear Mr. George:

Re: Notification of Laboratory Suitability; VQP-11-022385

As a result of the DLA Land and Maritime audit on March 9-10, 2011 Exporior Laboratories is considered suitably equipped to perform testing on military devices for the following test methods:

| Test Procedure | Test Name |
|----------------|-------------------------------|
| EIA 364.26 | Salt Spray |
| EIA 364.32 | Temperature Cycling |
| EIA 364.24 | Maintenance Aging |
| EIA 364.29 | Contact Retention |
| EIA 364.35 | Insert Retention |
| EIA 364.42 | Impact |
| EIA 364.09 | Durability |
| EIA 364.21 | Insulation Resistance |
| EIA 364.6 | Contact Resistance |
| EIA 364.54 | Magnetic Permeability |
| EIA 364.83 | Shell to shell Conductivity |
| EIA 364-02 | Air Leakage Test Procedure |
| EIA-364-45 | Firewall Flame Test Procedure |
| EIA-364-10 | Fluid Immersion |
| EIA-364-14 | Ozone Exposure |

MIL-C-83522 Test Methods

| Test Paragraph | Test Name |
|----------------|-------------------|
| 4.8.10 | Dust Fine |
| 4.8.13 | Flammability |
| 4.7.11.3 | Flexing Life |
| 4.7.16 | Impact |
| 4.7.6 | Insertion Loss |
| 4.7.2 | Marking |
| 4.7.15 | Mating Durability |
| 4.8.6 | Shock |



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|----------|----------------------|
| 4.8.1 | Pressure Altitude |
| 4.8.9 | Salt Spray |
| 4.8.2 | Temperature |
| 4.8.7 | Temperature Cycling |
| 4.8.4 | Temperature Life |
| 4.8.7 | Temperature Humidity |
| 4.7.11 | Tensile Loading |
| 4.8.3 | Thermal Shock |
| 4.7.11.4 | Twist |
| 4.8.5 | Vibration |

MIL-DTL-38999 Test Methods

| Test Paragraph | Test Name |
|----------------|--|
| 4.5.13.1 | Salt Spray |
| 4.5.4 | Temperature Cycling |
| 4.5.2 | Maintenance Aging |
| 4.5.20.1 | Contact Retention |
| 4.5.12 | Insert Retention |
| 4.5.45 | Impact |
| 4.5.8 | Durability |
| 4.5.11.1 | Dielectric Withstanding Voltage |
| 4.5.10.1 | Insulation Resistance |
| 4.5.14 | Contact Resistance |
| 4.5.48 | Magnetic Permeability |
| 4.5.25 | Shell to Shell Conductivity |
| 4.5.30 | Fluid Immersion |
| 4.5.26 | Humidity |
| 4.5.7 | Coupling Torque |
| 4.5.17 | Coupling Pin Strength |
| 4.5.16 | External Bending Moment |
| 4.5.15 | Electrical Engagement |
| 4.5.22 | Accessory Thread Strength |
| 4.5.25.1 | Backshell Shield Braid to Shell Conductivity |
| 4.5.34 | High Temperature Exposure |
| 4.5.3 | Thermal Shock |
| 4.5.23 | Vibration |
| 4.5.24 | Shock |
| 4.5.27 | Shell Spring Finger Forces |
| 4.5.30.1 | Retention System Fluid Immersion |
| 4.5.31 | Pin Contact Stability |
| 4.5.33 | Installing Removal Tool Abuse |
| 4.5.34.1 | High Temperature Exposure with Contact Loading |
| 4.5.38 | Contact Engagement and Separation Force |

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|--------|--------------------------|
| 4.5.35 | Electrolytic Erosion |
| 4.5.40 | Ice Resistance |
| 4.5.19 | Gauge Retention |
| 4.5.18 | Gauge Location |
| 4.5.44 | Cavity-to-Cavity Leakage |
| 4.5.46 | Insert Bond Strength |

MIL-PRF-83526 Test Methods

| Test Paragraph | Test Name |
|----------------|-------------------|
| 4.8.3 | Analog Modulation |
| 4.9.14 | Impact |
| 4.9.22 | Physical Shock |
| 4.9.23 | Vibration |
| 4.9.27 | Fluid Immersion |
| 4.9.29 | Sand and Dust |
| 4.10 | Mud |
| 4.9.30 | Ozone Exposure |

MIL-PRF-28876 Test Methods

| Test Paragraph | Test Name |
|----------------|--|
| 4.6.5.1 | Cable Pull Out Forces |
| 4.6.5.2 | External Bending Moment |
| 4.6.5.3 | Cable Seal Flexing |
| 4.6.5.4 | Twist |
| 4.6.5.5 | Mating Durability |
| 4.6.5.7 | Crush |
| 4.6.6.16 | Water Pressure |
| 4.6.4.1 | Insert Retention Radial Strength |
| 4.6.4.2 | Insert Retention Axial Strength |
| 4.6.6.5 | Freezing Water |
| 4.6.6.6 | Sand and Dust |
| 4.6.4.6 | Connector Engagement Disengagement Torque |
| 4.6.6.9 | Fluid Immersion |
| 4.6.6.10 | Salt Spray |
| 4.6.6.7 | Terminus Cleaning |
| 4.6.2.3 | Identification Markings |
| 4.6.3.3 | Crosstalk |
| 4.6.4.7 | Backshell and Insert Retention Nut Attachment |
| 4.6.4.5 | Maintenance Aging |
| 4.6.6.11 | Flammability |
| 4.6.6.3 | Temperature Cycling |
| 4.6.6.2 | Temperature Humidity Cycling |
| 4.6.5.6 | Impact |

MIL-PRF-29504 Test Methods

| Test Paragraph | Test Name |
|----------------|---|
| 4.8.2 | Insertion Loss |
| 4.6.6.14 | Vibration |
| 4.6.6.15 | Mechanical shock |
| 4.6.6.3 | Temperature Life |
| 4.6.6.1 | Thermal Shock |
| 4.9.12 | Fiber-Cable Pull Out Forces |
| 4.9.9 | Terminus Engagement & Separation Forces |
| 4.9.6 | Terminus Cleaning |
| 4.9.8 | Terminus Retention |
| 4.6.6.10 | Salt Spray |
| 4.6.2.1 | Size Weight Workmanship |
| 4.9.11 | Terminus Insertion and Removal Forces |
| 4.8.2 | Insertion Loss |
| 4.9.12 | Fiber Cable Pull Out Forces |
| 4.9.11 | Terminus Insertion & Removal Forces |
| 4.6.6.10 | Thermal Shock |
| 4.9.5 | Identification Markings |
| 4.9.14 | Mating Durability |
| 4.8.4 | Return Loss |

MIL-PRF-49291 Test Methods

| Test Paragraph | Test Name |
|----------------|------------------------------|
| 4.7.3.5 | Macrobend Attenuation |
| 4.8.9 | Storage Temperature |
| 4.8.2 | Temperature Humidity Cycling |
| 4.8.3 | Temperature Cycling |
| 4.8.4 | Life Aging |
| 4.7.2.4 | Mechanical Strippability |

The responses to the audit findings have been reviewed and approved. Exporior Laboratories is considered suitably equipped to perform testing on military devices currently listed on the DLA Land and Maritime Laboratory Suitability List.

This approval is valid until terminated by written notification from the Qualifying Activity. The normal period of Facility Approval is five years from the date of the audit. However, your facility may be re-audited at any time. If warranted, Facility Approval may be withdrawn by this Center at any time. Facility Approval is subject to the conditions stated in DoD Manual 4120.24M, SD-6, and VQP's booklet entitled "Certification and Qualification Information for Conventional Specifications." Also, please

reference page 5 of the following link on guidelines to yearly reporting that must be sent to DLA Land and Maritime to maintain your listing on the lab suitability list.

<http://www.dscc.dla.mil/downloads/VQGeneral/Lab Suit Book 0808.pdf>

If you have any questions concerning this letter, please contact Ms. Sonya Taylor at 614-692-2193 or email Sonya.Taylor@dla.mil.

Sincerely,

A handwritten signature in black ink, appearing to read "Alan J. Will". The signature is fluid and cursive, with a large initial "A" and "W".

ALAN J. WILL
Chief
Passive Devices Branch