



# CERTIFICATE OF ACCREDITATION

## ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

**DLS Conformity Assessment, Inc.**  
**200 E. Marquardt Drive**  
**Wheeling, IL 60090**

has been assessed by ANAB  
and meets the requirements of international standard

## ISO/IEC 17025:2005

while demonstrating technical competence in the field of

## TESTING

Refer to the accompanying Scope of Accreditation for information regarding the types of tests to which this accreditation applies.

AT-1859  
Certificate Number

  
ANAB Approval

Certificate Valid: 04/22/2016-04/23/2018  
Version No. 002 Issued: 04/22/2016



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).



# ANSI-ASQ National Accreditation Board

## SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

### DLS Conformity Assessment, Inc.

200 E. Marquardt Drive, Wheeling, IL 60090  
 Mitch Gaudyn Phone: 847-537-6400  
 mgaudyn@dlsemc.com www.dlsemc.com

### TESTING

Valid to: April 23, 2018

Certificate Number: AT-1859

#### I. Mechanical

Items, Materials or Products Tested	Specific Tests or Properties Measured	Specification, Standard Method, or Technique Used	Key Equipment or Technology*
Aviation, Automotive, Consumer electronics	Vibration, Shock, Op-Shock	RTCA/DO-160, MIL810, UL991 MIL STD 202, IEC 60068	ETS Solutions LDS Dytran Accelerometers
Aviation, Automotive, Consumer electronics	Crash Safety Acceleration	RTCA/DO-160, MIL810, UL991 MIL STD 202, IEC 60068	VST CSAT Centrifugal Static Acceleration Tester Dytran Accelerometers
Aviation, Automotive, Consumer electronics	Thermal Exposure, Humidity Exposure	RTCA/DO-160, MIL810, UL991 MIL STD 202, IEC 60068	Thermotron, Ransco, Espec, Cincinnati Sub Zero
Aviation, Automotive, Consumer electronics	Dust/Sand Exposure	RTCA/DO-160 Rev B-G MIL810Rev B-G	Custom Vaisala Temp/Humidity Probe Goyen Particle Sensor
Aviation, Automotive, Consumer electronics	Salt Fog Exposure	RTCA/DO-160, MIL810, UL991 MIL STD 202, ASTM B117	Singleton Corp.
Aviation	Altitude Testing	RTCA/DO-160, MIL810 MIL STD 202	Tenney
Consumer & Industrial Products	Ingress Protection against water	IEC 60529	Water fixtures/nozzles, Cole Parmer
Consumer & Industrial Products	Ingress Protection against dust	IEC 60529	Dust Chamber/Vacuum pump/gages, Cole Parmer
Aviation, Automotive, Consumer electronics	Waterproofness	RTCA/DO-160 MIL810, IEC 60529	Water Drip Fixture



Items, Materials or Products Tested	Specific Tests or Properties Measured	Specification, Standard Method, or Technique Used	Key Equipment or Technology*
Aviation, Automotive, Consumer electronics	Immersion	RTCA/DO-160 MIL810	Water Immersion Tank
Aviation, Automotive, Consumer electronics	Fluids Susceptibility/Also Electrical	RTCA/DO-160 MIL810, MIL STD 202	Thermotron, Ransco, Espec, Cincinnati Sub Zero
Consumer & Industrial Products	Icing	RTCA/DO-160 MIL810	Thermotron, Ransco, Espec, Cincinnati Sub Zero
Consumer & Industrial Products	Fire/Flammability	RTCA/DO-160 MIL810, UL94 IEC 60695	Fire Hood/ Burners/Fixtures

## II. Electrical

Items, Materials or Products Tested	Specific Tests or Properties Measured	Specification, Standard Method, or Technique Used	Key Equipment or Technology*
Consumer & Industrial Products	Input current	IEC/EN/UL/CSA 60950-1 IEC/EN/UL/CSA 60065 IEC/EN/UL/CSA 61010-1 IEC/EN/UL/AAMI ES/CSA 60601-1 IEC/EN/UL/CSA 60730-1	Voltech / APT
Consumer & Industrial Products	Temperature Rise / Heating	IEC/EN/UL/CSA 60950-1 IEC/EN/UL/CSA 60065 IEC/EN/UL/CSA 61010-1 IEC/EN/UL/AAMI ES/CSA 60601-1 IEC/EN/UL/CSA 60730-1	Agilent / Omega
Consumer & Industrial Products	Grounding / Bonding Test	IEC/EN/UL/CSA 60950-1 IEC/EN/UL/CSA 60065 IEC/EN/UL/CSA 61010-1 IEC/EN/UL/AAMI ES/CSA 60601-1 IEC/EN/UL/CSA 60730-1	Associated Research
Consumer & Industrial Products	Insulation Resistance Test	IEC/EN/UL/CSA 60065 IEC/EN/UL/CSA 60730-1 IEC 60664	Associated Research
Consumer & Industrial Products	Dielectric / Electric Strength Test	IEC/EN/UL/CSA 60950-1 IEC/EN/UL/CSA 60065 IEC/EN/UL/CSA 61010-1 IEC/EN/UL/AAMI ES/CSA 60601-1 IEC/EN/UL/CSA 60730-1	Associated Research
Consumer & Industrial Products	Lock Rotor Fault Test, Component Fault Test- Overload, Component Fault Test-Short Circuit / Output	IEC/EN/UL/CSA 60950-1 IEC/EN/UL/CSA 60065 IEC/EN/UL/CSA 61010-1 IEC/EN/UL/AAMI ES/CSA 60601-1 IEC/EN/UL/CSA 60730-1	Agilent / Omega

Items, Materials or Products Tested	Specific Tests or Properties Measured	Specification, Standard Method, or Technique Used	Key Equipment or Technology*
Consumer & Industrial Products	Leakage Test, Residual Voltage Test	IEC/EN/UL/CSA 60950-1 IEC/EN/UL/CSA 60065 IEC/EN/UL/CSA 61010-1 IEC/EN/UL/AAMI ES/CSA 60601-1 IEC/EN/UL/CSA 60730-1	Bapco
Consumer & Industrial Products	Battery Reverse Polarity	IEC/EN/UL/CSA 60950-1 IEC/EN/UL/CSA 60065 IEC/EN/UL/CSA 61010-1 IEC/EN/UL/AAMI ES/CSA 60601-1 IEC/EN/UL/CSA 60730-1	Fluke / Voltech / Agilent
Consumer & Industrial Products	Power Supply Interruption Test	IEC/EN/UL/CSA 60950-1 IEC/EN/UL/CSA 60065 IEC/EN/UL/CSA 61010-1 IEC/EN/UL/AAMI ES/CSA 60601-1 IEC/EN/UL/CSA 60730-1	Inspection per IEC 60601-1 – Clause 16.8
Consumer & Industrial Products	Limited Current / Power Test, Hazardous Voltage Measurement	IEC/EN/UL/CSA 60950-1 IEC/EN/UL/CSA 60065 IEC/EN/UL/CSA 61010-1 IEC/EN/UL/AAMI ES/CSA 60601-1 IEC/EN/UL/CSA 60730-1 IEC 60060 IEC 60092	Agilent / Fluke
Consumer & Industrial Products	Dielectric Test	IEC/EN/UL/CSA 60950-1 IEC/EN/UL/CSA 60065 IEC/EN/UL/CSA 61010-1 IEC/EN/UL/AAMI ES/CSA 60601-1 IEC/EN/UL/CSA 60730-1	Agilent / Fluke Voltech / APT

**Notes:**

- \* = as applicable.
- This scope is formatted as part of a single document including Certificate of Accreditation No. AT-1859.

  
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 Vice President