



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

CKC LABORATORIES, INC.
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 Bothell, WA 98021
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MECHANICAL

Valid to: May 31, 2019

Certificate Number: 0803.09

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following Environmental tests:

<u>Test Technologies¹</u>	<u>Test Methods</u>
High and Low Temperature (-77 to 177) °C	IEC 60945/Ed4 Sections 8.2, 8.4; MIL-STD-202 Method 108A; MIL-STD-810 Methods 501, 502, 521; RTCA/DO160 Sections 4.5.1, 4.5.2, 4.5.3, 4.5.4, 4.5.5, 5, 24 (Category A & C)
Humidity	DIN 50017-S; MIL-STD-810 Method 507; IEC 60945/Ed4 Sections 8.3; MIL-STD-202 Methods 103B and 106G; RTCA/DO-160 Section 6
Thermal Shock Vibration: Up to 7,500 lbf (3 to 2,500) Hz Shock: Up to 40 g; 1/2 Sine < 1 ms to 11 m/s at Terminal Peak	IEC 60945/Ed4 Sections 8.5; MIL-STD-202 Method 107G; MIL-STD-810 Method 503 IEC 60945/Ed4 Section 8.7; MIL-STD 202 Methods 106G and 201A, Method 204D, 214A; MIL-STD-810 Methods 514 and 516, Procedures IV and VI; RTCA/DO160 Section 8 MIL-STD-167 MIL-STD- 202 Method 213B (higher levels need drop tower); MIL-STD-810 Method 514; MIL-STD-810 Method 516, Procedures I, II, III, and V, RTCA/DO160 Section 7.2, 7.3.1/ SRS – MIL-STD-810
Altitude up to 65,000 feet	RTCA/DO160 Section 4 MIL-STD-810

<u>Test Technologies¹</u>	<u>Test Methods</u>
Fungus	MIL-STD-810 Method 508 RCTA DO 160 Section 13
Icing/Freezing Rain	MIL-STD-810, Method 521 RTCA/DO-160, Section 24
Drop Test	IEC 60945/Ed4, Section 8.6.1

¹ Also using customer specific test methods utilizing any combination of test equipment parameters listed above.

On the following product types:

Aerospace, Defense, Telecommunications, Electrical; Electronics, Automotive, Information Processing and Scientific Instruments





Accredited Laboratory

A2LA has accredited

CKC LABORATORIES, INC.

Bothell, WA

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. 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 April 2017).



Presented this 8th day of January 2019.

A blue ink signature of the Senior Director of Accreditation Services.

Senior Director, Accreditation Services
For the Accreditation Council
Certificate Number 0803.09
Valid to May 31, 2019
Revised March 7, 2019

For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.