



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: March 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 Technologies<sup>1</sup></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 Technologies<sup>1</sup></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

<sup>1</sup> 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 8<sup>th</sup> 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 March 31, 2019

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