



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SKANDIA, INC.
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THERMAL

Valid To: March 31, 2023

Certificate Number: 3741.01

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

<u>Test</u>	<u>Test Method(s)¹</u>
Horizontal Burn Test (2.5 in./min burn rate)	14 CFR 23, 14 CFR 25 (Appendix F, Part I (a)(1)(iv)), 14 CFR 29; AITM 2-0003; BSS 7230 (Method F3); CPTI001 (Type II, Class A); TP3511; CS 25 (Appendix F, Part I (a)(1)(iv))
Horizontal Burn Test (4.0 in./min burn rate)	14 CFR 23, 14 CFR 25 (Appendix F, Part I (a)(1)(v)), 14 CFR 27, 14 CFR 29; AITM 2-0003; BSS 7230 (Method F4); CPTI001 (Type II, Class B); TP3511; CS 23, CS 25 (Appendix F, Part I (a)(1)(v)); JAR 25; RTCA/DO-160G (Section 26.6.3)
12-Second Vertical Test	14 CFR 23; 14 CFR 25 (Appendix F, Part 1 (a)(1)(ii)); 14 CFR 29; AITM 2-0002 (B); BSS 7230 (Method F2); CPT1001 (Type I, Class B); TP3511; CS 23, CS 25 (Appendix F, Part I (a)(1)(ii)); JAR 25; RTCA/DO-160G (Section 26.6.2)

<u>Test</u>	<u>Test Method(s)¹</u>
60-second Vertical Test	14 CFR 23, 14 CFR 25 (Appendix F, Part 1 (a)(1)(i)), 14 CFR 29; AITM 2-0002 (A); BSS 7230 (Method F1); CPT1001 (Type I, Class A); TP3511; CS 23, CS 25 (Appendix F, Part I (a)(1)(i)); JAR 25
Oil Burn Test	14 CFR 25 (Appendix F, Part II), 14 CFR 29; AITM 2-0009; CS 25 (Appendix F, Part II); JAR 25
45 Degree Angle Test	14 CFR 23 (Appendix F (f)), 14 CFR 25 (Appendix F, Part I (6)); AITM 2-0004; CPTI001 (Type III); TP3511; CS 25 (Appendix F, Part I (a)(2)); JAR 25
60 Degree Wire Test	14 CFR 23, 14 CFR 25 (Appendix F, Part I (a)(3)), 14 CFR 27, 14 CFR 29; AITM 2-0005, AITM 2-0038; BSS 7230 (Method F6); CPTI001 (Type V); TP3511; CS 23, CS 25 (Appendix F, Part I (a)(3)); JAR 25.1359(d); RTCA/DO-160G (Section 26.6.4)
Thermal Acoustic Flame Propagation Testing	14 CFR 23 (Appendix F, Part II), 14 CFR 25 (Appendix F, Part VI); AITM 2-0053; CS 25
Heat Release Testing	14 CFR 25 (Appendix F, Part IV); AITM 2-0006; CS 25 (Appendix F, Part IV); JAR 25 (Appendix F, Part IV, Change 13)

<u>Test</u>	<u>Test Method(s)</u> ¹
Smoke Emission (Density) Test	14 CFR 25 (Appendix F, Part V); AITM 2-0007, AITM 2-0008; BSS 7238; CS 25 (Appendix F, Part V); JAR 25 (Appendix F, Part V, Change 13)
Smoke Toxicity Test	AITM 3-0005; BSS 7239, BSS 7242

¹ The laboratory is only accredited for the test methods listed above. The accredited test methods are used in determining compliance with the material specifications listed below. The inclusion of these material specifications on this Scope does not confer laboratory accreditation to the material specifications nor does it confer accreditation for the method(s) embedded within the specifications.

14 CFR 23: 23.853(a), 23.853(d)(3)(i), 23.853(d)(3)(ii), 23.853(d)(3)(iv), 23.853(d)(3)(v), 23.855 (c)(2), 23.856, 23.1365(b);

14 CFR 25: 25.853(a), 25.853(a-1), 25.853(b), 25.853(b)(2), 25.853(b)(3), 25.853(c), 25.853(d), 25.855(d), 25.856(a), 25.869(a)(4), 25.1359(d), 25.1713(c);

14 CFR 27: 27.853(a), 27.1365(c);

14 CFR 29: 29.853(a), 29.853(a)(1), 29.853(a)(2), 29.853(a)(3), 29.853(b), 29.1359(c);

CS 23: 23.853(a), 23.853(d)(3)(i), 23.853(d)(3)(ii), 23.853(d)(3)(iv), 23.1359(c);

CS 25: 25.853(a), 25.853(c), 25.853(d), 25.855(d), 25.856(a), 25.869(a)(4), 25.1713(c);

JAR 25: 25.853(a), 25.853(a)(1), 25.853(b), 25.853(b)(2), 25.853(b)(3), JAR 25.853(c), 25.853(d), 25.855(a)(1), 25.1359(d), 25.853



Accredited Laboratory

A2LA has accredited

SKANDIA, INC.

Davis Junction, IL

for technical competence in the field of

Thermal Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *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 21st day of April 2021.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3741.01
Valid to March 31, 2023

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