SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELBIT SYSTEMS
C4I AND CYBER LTD. EMC & ENVIRONMENTAL LABORATORIES
26 Hashoftim
Holon, Israel 58102
Dan Waks Phone: 972-3-5575532
Email: Danmordechay.Waks@elbitsystems.com

MECHANICAL

Valid To: November 30, 2024 Certificate Number 3548.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on Industrial, Scientific, Information Technology Equipment (ITE), Network Equipment, Military Electrical Equipment:

Test(s)	Test Method(s)
Altitude; Temperature & Altitude/Pressure	JSS 55555:2000 Rev.2 Test Number 3; MIL-STD-810C Method 500.1, Procedures I and II; MIL-STD-810D Method 500.2, Procedures I and II; MIL-STD-810E Method 500.3, Procedures I and II; MIL-STD-810F Method 500.4, Procedures I and II; MIL-STD-810G Method 500.5, Procedures I and II; MIL-STD-810H Method 500.6, Procedures I and II; MIL-STD-810D Method 520.0, Procedure I; MIL-STD-810E Method 520.1, Procedure I; MIL-STD-810F Method 520.2, Procedure I; MIL-STD-810G Method 520.3, Procedure I; DEF STAN 00-35 Part 3, Issue 4,Section 3 Test Chapter 11, 12; DEF STAN 00-35 Part 3, Issue 5, Section 3 Test Chapter 11, 12
Temperature/Humidity	JSS 55555:2000 Rev. 2, JSS 55555:2012 Rev.3 Test Number 10, 27; MIL-STD-810C Method 507.1, Procedures I, II, III, IV, and VI; MIL-STD-810D Method 507.2, Procedures I, II, and III; MIL-STD-810E Method 507.3, Procedures I, II, and III; MIL-STD-810F Method 507.4, Procedure I; MIL-STD-810G Method 507.5, Procedures I and II; MIL-STD-810H Method 507.6, Procedures I and II; DEF STAN 00-35, Part 3, Issue 4, Chapters 1, 2, 4, 5, 6, 7, 14, 21; DEF STAN 00-35, Part 3, Issue 5, Chapters 1, 2, 4, 5, 6, 7, 14, 21;

Test(s)	Test Method(s)
Temperature/Humidity (continued)	IEC 68-2-1, IEC 60068-2-1, Test Aa, Ab, Ac, and Ad, Low Temperature; IEC 68-2-2, IEC 60068-2-2, Test Ba, Bb, Bc, and Bd, High Temperature; IEC 68-2-14, IEC 60068-2-14, Test Na, Nb, and Nc, Temperature Cycling; IEC 68-2-30, IEC 60068-2-30, 3ed 2005, Test Db, Humidity; IEC 68-2-38 led 1974, Test Z/AD, Humidity
Bench Handling	MIL-STD-810C Method 516.2, Procedure V; MIL-STD-810D Method 516.3, Procedure VI; MIL-STD-810E Method 516.4, Procedure VI; MIL-STD-810F Method 516.5, Procedure VI; MIL-STD-810G Method 516.6, Procedure VI; MIL-STD-810H Method 516.8, Procedure VI
Icing	JSS 55555:2000 Rev.2, JSS 55555:2012 Rev.3 Test Number 18, Procedure 3; MIL-STD 810 D, E, F, G, H Method 521.X
Bounce	JSS 55555:2000 Rev.2 Test Number 4; MIL-STD-810C Method 514.2, Procedures IX Part 2, X, and XI; MIL-STD-810D Method 514.3, Category 3, Procedure II; MIL-STD-810E Method 514.4, Category 3, Procedure III; MIL-STD-810F Method 514.5, Category 5, Procedure II; MIL-STD-810G Method 514.6 Category 5, Procedure II; MIL-STD-810H Method 514.8 Category 5, Procedure II; DEF STAN 00-35 Section 2-11 Test M11; IEC 68-2-55, IEC 60068-2-55, Test Ee
Immersion	JSS 55555:2000 Rev. 2 Test Number 19; MIL-STD-810C Method 512.1, Procedure I; MIL-STD-810D Method 512.2, Procedure I; MIL-STD-810E Method 512.3, Procedure I; MIL-STD-810F Method 512.4, Procedure I; MIL-STD-810G Method 512.6, Procedure I; MIL-STD-810H Method 512.8, Procedure I; IEEE 495:2007 Clause 4.4.2 Water Submersion Test; DEF STAN 00-35, Part 3, Issue 4, Chapter 3-29; DEF STAN 00-35, Part 3, Issue 5, Chapter 3-29
Mechanical Shock	JSS 55555:2000 Rev. 2 Test Number 4, 24; MIL-STD-810C Method 516.2, Procedures I and IV; MIL-STD-810D Method 516.3, Procedures I, IV and V; MIL-STD-810E Method 516.4, Procedures I, IV and V; MIL-STD-810F Method 516.5, Procedures I, IV and V; MIL-STD-810G Method 516.6, Procedures I, IV and V; MIL-STD-810H Method 516.8, Procedures I, IV and V; DEF STAN 00-35, Part 3, Issue 4:2006; DEF STAN 00-35, Part 3, Issue 5:2017; IEC 68-2-27, IEC 60068-2-27: Test Ea; IEC 68-2-29, IEC 60068-2-29: Test Eb; MIL-STD-202G Method 213B, Conditions A, B, J, and K

Test(s)	Test Method(s)
Rain (Water Test)	MIL-STD-810C Method 506.1, .2, Procedures I and II; MIL-STD-810D Method 506.3, Procedures I and II; MIL-STD-810E Method 506.4, Procedures I and III; MIL-STD-810F Method 506.5, Procedures I and III; MIL-STD-810G Method 506.6, Procedures I and III; MIL-STD-810H Method 506.5, Procedures I and III; DEF STAN 00-35, Part 3, Issue 4, Section 3, Chapters 27, 28; DEF STAN 00-035, Part 3, Issue 5, Section 3, Chapters 27, 28
Salt Fog (Spray) .	JSS 55555:2000 Rev. 2, JSS 55555:2012 Rev.3 Test Number 9; MIL-STD-810C Method 509.1, Procedure I; MIL-STD-810D Method 509.2, Procedure I; MIL-STD-810E Method 509.3, Procedure I; MIL-STD-810F Method 509.4, Procedure I; MIL-STD-810G Method 509.5, Procedure I; MIL-STD-810H Method 509.7, Procedure I; DEF STAN 00-35, Part 3, Issue 4, Chapter 4-02 Test CN2; DEF STAN 00-35, Part 3, Issue 5 Chapter 4-02 Test CN2
Temperature	JSS 55555:2000 Rev. 2, JSS 55555:2012 Rev.3 Test Number 13, 20, 22; MIL-STD-810C Method 501.1, Procedure II, Temperature Cycling; MIL-STD-810C Method 502.1, Procedure I, II, III Low Temperature; MIL-STD-810C Method 503.1, Procedure I, Thermal Shock; MIL-STD-810D Method 501.2, Procedure I, II High Temperature; MIL-STD-810D Method 502.2, Procedure I, II, III Low Temperature; MIL-STD-810D Method 503.2, Procedure I, Thermal Shock; MIL-STD-810E Method 501.3, Procedure I, II High Temperature; MIL-STD-810E Method 502.3, Procedure I, II Low Temperature; MIL-STD-810E Method 502.3, Procedure III, Low Temperature; MIL-STD-810E Method 503.3, Procedure I, Thermal Shock; MIL-STD-810F Method 501.4, Procedure I, II High Temperature; MIL-STD-810F Method 502.4, Procedure I, II, III Low Temperature; MIL-STD-810F Method 503.4, Procedure I, II Thermal Shock; MIL-STD-810G Method 503.5, Procedure I-A, I-B, I-C, Thermal Shock; MIL-STD-810H Method 503.7, Procedure I-A, I-B, I-C, Thermal Shock; IEEE495:2007 Clause 4.4.1 Temperature Cycling Test; DEF STAN 00-35, Part 3, Issue 4:2006; Section 3, Chapter 5,6,7; DEF STAN 00-35, Part 3, Issue 5, Section 3, Chapter 5,6,7
Solar Radiation (Sunshine)	MIL-STD-810C, D, E, F Method 505.1, Procedure I; MIL-STD-810C, D, E, F, G, H Method 505.1, Procedure II; JSS 55555:2000 Rev.2 Test Number 25

Test(s)	Test Method(s)
Vibration	JSS 55555:2000 Rev. 2, JSS 55555:2012 Rev.3 Test Number 4, 28; MIL-STD-810C Method 514.2, Procedure I, Curve AR-L, Sine; MIL-STD-810C Method 514.2, Procedure 1, Curve B, Sine; MIL-STD-810C Method 514.2, Procedure 1, Curve M, Sine; MIL-STD-810C Method 514.2, Procedure IA, Figure 514.2-2A, Random; MIL-STD-810C Method 514.2, Procedure V, VI, VII, Figure 514.2-4A, Sine & Random; MIL-STD-810C Method 514.2, Procedure VIII, Curve V, Sine; MIL-STD-810C Method 514.2, Procedure VIII, Curve W, Sine; MIL-STD-810C Method 514.2, Procedure VIII, Curve Y, Sine; MIL-STD-810D Method 514.3, Category 1, Procedure I, Random; MIL-STD-810D Method 514.3, Category 4, 5, 6, 7B, 7C, 8, 9, Procedure I, Random; MIL-STD-810D Method 514.3, Category 7A, Procedure IV, Random; MIL-STD-810D Method 519.3, Random; MIL-STD-810E Method 514.4, Category 1, 4, 5, 6, 7B, 7C, 8, 9, Procedure I, Random; MIL-STD-810E Method 514.4, Category 10, Procedure 1, Sine & Random; MIL-STD-810E Method 514.4, Category 7A, Procedure IV, Random; MIL-STD-810E Method 519.4, Gunfire Vibration; MIL-STD-810E Method 521.1; MIL-STD-810F Method 514.5 Category 1-25 Excluding 5, 6, 15, 24, Procedure I, Random; MIL-STD-810F Method 514.5, Category 15-19 Excluding 16, Procedure IV, Random; MIL-STD-810F Method 514.5, Category 20, Procedure III, Random; MIL-STD-810F Method 514.5, Category 24, Procedure 1, Sine Vibration; MIL-STD-810F Method 519.5, Gunfire Vibration; MIL-STD-810F Method 521.2; MIL-STD-810F Method 528, Shipboard Equipment; MIL-STD-810G Method 514.6, Category 1-25 Excluding 5, 6, 10, and 15, Procedure I, Random; MIL-STD-810G Method 514.6, Category 15, 17, 18, 19, Procedure IV, Random; MIL-STD-810G Method 514.6, Category 20, Procedure III, Random; MIL-STD-810G Method 519.6, Gunfire; MIL-STD-810H Method 514.8; MIL-STD-810H Method 519.8; IEC 68-2-6, IEC 60068-2-6, Test Fc, Sine Vibration; NATO AECTP-400 Edition 3 Method 401; MIL-STD-202G Method 201 A, Sine Vibration; MIL-STD-202G Method 204D, Test Conditions A, B, C, D, E, F Sine Vibration; MIL-STD-202G Method 214 Condition I, Test Conditions A, B, C, D, E, F, Random Vibration; MIL-STD-202G Method 214 Condition II, Test Conditions A, B, C, D, E, F, Random Vibration;

Test(s)	Test Method(s)
Vibration (continued)	MIL-STD 167 -1A:05 Vibrations of Shipboard Equipment; DEF STAN 00-35, Part 3, Issue 4 Chapter 2-01, 2-03; DEF STAN 00-35, Part 3, Issue 5 Chapter 2-01, 2-03
Contamination by Fluids	MIL-STD 810G Method 504.1, Procedure II; DEF STAN 00-35, Part 3, Issue 5, Chapter 4-04

On the following products or types of products:
Industrial, Scientific, Information Technology Equipment (ITE), Network Equipment, Military Electrical Equipment

[1] When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard measurement method, per part C., Section 1 of A2LA R101 - *General Requirements- Accreditation of ISO-IEC 17025 Laboratories*

Accredited Laboratory

A2LA has accredited

ELBIT SYSTEMS C4I AND CYBER LTD. EMC, & ENVIRONMENTAL LABORATORIES

Holon, Israel

for technical competence in the field of

Mechanical 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 13th day of March 2023.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3548.02
Valid to November 30, 2024

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