



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

The Standards Institution of Israel
Mechanical & Building Systems Laboratory
42 Chaim Levanon Street
Tel Aviv, 69977 Israel

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

Jason Stine, Vice President

Expiry Date: 14 May 2026

Certificate Number: AT-1449



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
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).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

The Standards Institution of Israel Mechanical & Building Systems Laboratory

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Tel Aviv, 69977 Israel

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TESTING

ISO/IEC 17025 Accreditation Granted: **14 May 2024**

Certificate Number: **AT-1449** Certificate Expiry Date: **14 May 2026**

Construction Materials

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Non-combustibility	SI 755 (ISO 1182):2023	Homogeneous products and substantial components of non-homogeneous products	Non combustibility apparatus
Ignitability	SI 755 (ISO 11925-2): 2023	Construction products	Flammability test apparatus
Gross heat combustion	SI 755 (EN ISO 1716):2023	Solid products	Gross heat combustion apparatus
Ignitability	SI 755 (EN 13823):2023	Construction products excluding floorings	Flammability test apparatus
Ignitability	SI 755 (EN ISO 9239-1):2023	All types of flooring – Textile carpet, cork, wood, rubber and plastics covering and coating	Flammability test apparatus

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Classification	SI 755 (EN 13501-1):2023	Construction products and building elements	Data from reaction to fire tests
Mechanical Tests: B, C Performance Tests: B	SI 1 (EN 197-1) Sections 7.1.1, 7.1.2, 7.2.1, 7.2.2, 7.2.4	Physical cement tests	Bending and pressing press, acclimation chamber, Blaine, Weight Scales
Mechanical Tests: B, C Performance Tests : B	SI 314 (ISO 13006)	Physical properties	Pressing machine, vacuum device, Weight Scales
Measurement of thermal conductivity of the material Performance Tests A	SI 5450	Thermal insulation - a method for testing the thermal conductivity of materials	Thermal Conductivity Tester
heat loss Heat limiter Electrical Tests A Mechanical Tests A	SI 69	Electric water heaters - heaters with thermostatic regulation and thermal insulation	Thermal performance & safety tests
Measuring the efficiency of flat solar panels Mechanical Tests B	SI 579 Part 1	Solar water heating systems for flat collectors water	Thermal performance & safety tests
heat loss Heat limiter Electrical Tests A Mechanical Tests A	SI 579 Part 2	Solar water heating systems Storage Water Tanks	Thermal performance & safety tests
Electrical Tests A Mechanical Tests C Performance Tests D	SI 900.2.6, IEC 60335-2-6 IEC 60335-1 EN 50304	Electricity oven	Energy Branch
Electrical Tests B Mechanical Tests C Performance Tests A	SI 337, UL647 IEC 60335-1	Kerosine fired portable heaters	Energy Branch
Mechanical Tests B Performance Tests D	SI 838	Domestic space heating oil stove installation: Stove	Energy Branch

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Electrical Tests B Mechanical Tests C	SI 158	Installations for liquefied petroleum gases (LPG)	Energy Branch
Electrical Tests A Mechanical Tests C Performance Tests D	SI 5056, EN 203, ANSI Z83.11-2016 • CSA 1.8-2016 IEC 60335-1	Cooking appliances for commercial use – Liquefied petroleum gas appliances and combined gas-electrical appliances – Safety requirements	Energy Branch
Mechanical Tests B	SI 1607, EN 331, CSA/ANSI Z21.24:22 • CSA 6.10:22	Manually operated valves for liquefied petroleum gas and natural gas	Energy Branch
Mechanical Tests C Performance Tests B	SI 1921, EN 16129, ANSI/UL 144	Pressure regulators for LPG	Energy Branch
Mechanical Tests C Performance Tests B	SI 1116, OIML R 137 1&2 EN 1359	Gas meters	Energy Branch
Electrical Tests B Mechanical Tests C Performance Tests D Thermal Tests	SI 968, EN 521, EN 14543, ANSI Z83.26\ CSA 2.37 EN 484, ANSI Z21.89- 2013 • CSA 1.18 EN 489, ANSI Z21.58-2015 • CSA 1.6-2015, IEC 60335-1	Outdoor cooking gas appliances	Energy Branch
Electrical Tests A Mechanical Tests C Performance Tests A, C, D	SI 1296 EN 89, ANSI Z21.10.1-2014 • CSA 4.1, ANSI Z21.10.3- 2015 • CSA 4.3, EN 26 ANSI Z21.10.3-2015 • CSA 4.3- EN 15502, EN 15502-2-1	Domestics gas burning water heaters	Energy Branch
Electrical Tests A Mechanical Tests C Performance Tests A, C, D	SI 907, EN 30, ANSI Z21.1-2016 • CSA 1.1-2016, IEC 60335-1	Domestics gas appliances for baking, cooking, and grilling	Energy Branch

Construction Materials

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Electrical Tests A Mechanical Tests C Performance Tests A, C, D	SI 995, IEC 60335-1, EN 449, EN 509, EN 613, EN 778, EN 1266, EN 1319	Natural gas and LPG – fired domestics heating appliances	Energy Branch
Electrical test A Mechanical tests B	SI 994-part 1 (IEC 60335-2-40, IEC 60335-1)	Air conditioners: Safety and operational requirements	Electrical current leakage, electrical strength, high voltage, and grounding device
Electrical test A Mechanical tests B	SI 6226 (IEC 60335-2-40, IEC 60335-1)	Sanitary hot water heat pumps with electrically driven compressors: Safety requirements	Electrical current leakage, electrical strength, high voltage, and grounding device
On Site Witnessing	SI 2206 Part 2	Fire hose reel - Installation design and maintenance requirements	Flow and pressure gauge
Performance Tests B	EN 14825 (EN14511-1 , EN14511-2 ,EN14511-3 , EN14511-4)	Air conditioners, liquid chilling packages and heat pumps, with electrically driven compressors, for space heating and cooling, commercial and process cooling	Testing and rating at part load conditions and calculation of seasonal performance
On Site Witnessing and Tests of Construction and Installation of Lifts Electrical test B Electrical+ Mechanical test A Mechanical test D	SI 2481 Part 41 (EN 81-41) Based on but no equal	Vertical Lifting Platforms Installed in enclosed Liftway	<ol style="list-style-type: none"> 1. Tachometer (Rotation Speed gauge) 2. Force measure gauge 3. Electrical gauge (Volt gauge) 4. Digital caliper gauge 5. Tape Meter. 6. Photometer (Light gauge)
On Site Witnessing and Tests of Construction and Installation of Lifts Electrical test C Mechanical test E	SI 2252 Part 1 (ISO 9386-1) Based On	Vertical Lifting Platforms Installed in non-enclosed Liftway	
On Site Witnessing and Tests of Construction and Installation of Lifts Electrical test D Mechanical test F Electrical +Mechanical Test B	SI 2252 Part 2 (ISO 9386-2) Based On	Powered Stairlifts	

This Scope of Accreditation, version 012, was last updated on: 01 July 2025 and is valid only when accompanied by the Certificate.

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Construction Materials

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
On Site Witnessing - Design Calculations - Stability Criteria - Construction - Safety - Examination and Tests	SI 5697 Part 1 (adoption of EN280:2013+A1:2015)	Mobile Elevating Work Platforms: Elevating Platforms for General Use	1. Leveling measure 2. Laser gauge 3. Digital caliper gauge
On Site Witnessing - safety requirements, design calculations, stability criteria, construction, tests	SI 1139 Part 2 (adoption of EN1808:2015)	Scaffolds: Suspended Mechanical Scaffolds	4. Leveling measure 5. Load measure gauge 6. Laser gauge 7. Digital caliper gauge
On Site Witnessing	SI 2481 part 1 (adoption of EN 81-1:1998+A3: December 2009)	Lifts: Safety rules for construction and installation - Electric lifts	8. Tachometer (Rotation Speed gauge) 9. Force measure gauge
On Site Witnessing	SI 2481 part 2 (adoption of EN 81-2:1998+A3: December 2009)	Lifts: Safety rules for construction and installation - Hydraulic lifts	10. Electrical gauge (Voltmeter gauge) 11. Digital caliper gauge 12. Photometer (Light gauge)
Approving the design and construction of NG piping and piping components, and NG consumers	SI 6464, Amend2	Industrial natural gas consuming appliances - Safety Requirements for appliances application, workplace environment, testing and approval, and natural gas supply pipework	Safety Requirement

ANNEX A – List of Safety Tests

Types	Specific Tests
Electrical Tests A	Power input and current Heating Leakage current and electrical strength Overload protection of transformers and associated circuits Grounding continuity / Provision for earthing Performance

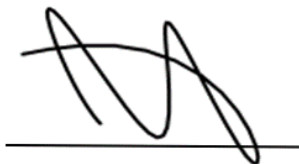
ANNEX A – List of Safety Tests

Types	Specific Tests
Mechanical tests A	Durability of marking Thickness measurement Mechanical strength Temperature Supply connection and external flexible cords Provision for earthing Terminal for external conductors Clearances, creepage distances and solid insulation Water Capacity
Mechanical tests B	Durability of marking Thickness measurement Mechanical strength
Mechanical tests C	Strength test Bending test Lateral deflection Bottom stile end test Vertical load on steps Torsion test Durability test Cyclic test of hinge joint Friction coefficient test
Performance Tests A	Thermal conductivity
Performance Tests B	Testing and rating at part load conditions and calculation of seasonal performance

SI2481-41 (EN81-41) Clause no. 6.3	
Electrical/mechanical	TYPE OF TEST
Electrical test B	all control devices function correctly;
	all electrical safety devices function correctly;
	the lifting platform shall be subjected to electrical tests by instruments to include insulation and earth continuity
	verify that the polarity of the mains supply connection is correct;
	the alarm device when activated operates correctly;
Electrical + Mechanical test A	all door locking devices operate correctly;
	tests to verify correct tripping speed of the overspeed governor (or on hydraulic systems, the rupture valve) and correct function of the safety gear at rated load and speed shall be carried out;
	triggering of overload detection device operates correctly (rated load + 75 kg);
	undergo without failure a dynamic test, with the maximum working load at the rated speed;
	check safety nut rotates, check distance between main nut and safety nut and check correctly positioned safety nut electric contact device.
Mechanical test D	stopping distance of the lifting platform is within specified limits;
	the suspension elements and their attachments are in order;
	the correct clearance dimensions from the surrounding structure are maintained throughout the full travel of the lifting platform;
	verify that the mechanism for emergency/manual operation operates correctly;
	the mechanical blocking device is provided and effective;
	all notices, etc., are correctly displayed;
	undergo without permanent deformation a static test with rated load multiplied by a coefficient of 1,25;

SI 2252-1 (ISO 9386-1)	
Electrical/mechanical	TYPE OF TEST
Electrical test C	all control and operating devices function correctly;
	all electrical safety contacts and devices function correctly;
	the insulation resistance of motor and control circuits (where necessary with electronic components disconnected) conforms to 11.1.3 a);
	the resistance of the electrical protective path between any accessible metal part of the lifting platform and the main earth terminal is in accordance with 11.1.3 b);
	the polarity of the mains supply connection is correct;
	the alarm device (if fitted) when activated operates correctly (see A.6);
	In addition, measure and record:
	the electrical supply voltage during the test;
	the electrical control voltage during the test;
	the motor operating current when carrying rated load in both directions of travel (see Note);
	the type of motor overload protection provided;
	the motor stall current and tripping time for the motor overload device;
	the stopping distance of the lifting platform when carrying rated load in both directions of travel (see Note);
	the motor reversal time delay.
Mechanical test E	all barriers, ramps, locks, hinged platforms and similar devices operate correctly;
	the suspension elements and their attachments are adequate and in order;
	the suspension rope/chain test certificate is available and in order (the test certificate must state the safeworking load and minimum breaking load);
	the correct clearance dimensions from the surrounding structure are maintained throughout the full travel of the lifting platform;
	the overspeed governor (and, on hydraulic systems, the rupture valve) and the safety gear function correctly in accordance with clause 6, 7.14.8 and 11.1.4;
	the mechanism for emergency/manual operation operates correctly;
	the mechanical blocking device is provided and effective;
	all notices, etc., are correctly displayed.

SI 2252-2 (ISO 9386-2)	
Electrical/mechanical	Type of test
Electrical test D	all control and operating devices function correctly;
	all electrical safety contacts and devices function correctly;
	the insulation resistance of motor and control circuits (where necessary with electronic components disconnected) conforms to 10.1.3 a);
	the resistance of the electrical protective path between any accessible metal part of the stairlift and the main earth terminal is in accordance with 10.1.3 b);
	the polarity of the mains supply connection is correct;
	the mechanism for emergency/manual operation operates correctly;
	the alarm device (if fitted) when activated operates correctly;
	the electrical supply voltage during the test;
	the electrical control voltage during the test;
	the motor operating current when carrying rated load in both directions of travel (see note);
	the type of motor overload protection provided;
	the motor stall current and tripping time for the motor overload device;
	the stopping distance of the stairlift when carrying rated load in both directions of travel (see note);
	the motor reversal time delay.
Mechanical test F	all barriers, ramps, locks, hinged platforms and similar devices operate correctly;
	the suspension elements and their attachments are adequate and in order;
	the suspension rope/chain test certificate is available and in order; the test certificate shall state the safe working load and minimum breaking load;
	the correct clearance dimensions from the surrounding structure are maintained throughout the full travel of the stairlift;
	all notices, etc., are correctly displayed
Electrical + Mechanical Test B	the overspeed governor (and on hydraulic systems, the rupture valve) and the safety gear function correctly in accordance with clause 6 and 7.13.6 and 10.1.4;



Jason Stine, Vice President