



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

BIL – BALLISTIC IMPACT LABORATORY

Kibbutz Tzuba
M.P Harei Yehuda 9087000,
Israel.
Zvika Bar Phone: 972 54 5637800

MECHANICAL

Valid To: March 31, 2027

Certificate Number: 7208.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory at the location listed above to perform the following tests on armor plates for vehicles (airborne, vessels), and personal body armor made of composites, flexible armored fabrics, metal, ceramic and transparent armored glass:

<u>Test Description:</u>	<u>Test Standard(s)/Method(s):</u>
<u>Ballistics</u>	
Home Office Body Amour Standard 2017; Technical Guideline (TR) Ballistic Protection Vests (Germany)	VPAM 2021
Armor Plate, Steel, Wrought, High-Hardness	MIL-A-46100E
Ballistic Resistant Protective Materials	NIJ 0108.01
Evaluating the Protection Level of Armored Vehicles – Kinetic Energy and Artillery Threat	AEP-55 (Volume 1)
Protection Level Lists for Occupants of Armoured Vehicles	AVPP-1 (Part 1) (STANAG 4569)
Glass in Building – Security Glazing – Testing and Classification of Resistance Against Bullet Attack	BS EN 1063
Windows, Doors, Shutters and Blinds - Bullet Resistance - Requirements, Classification and Test Method	BS EN 1522; BS EN 1523
V50 Ballistic Test for Armor	MIL-STD-662
Standard For Safety Bullet-Resisting Equipment	UL 752

<u>Test Description:</u>	<u>Test Standard(s)/Method(s):</u>
<u>Ballistics (continued):</u>	
Railway applications - Windscreens for trains	EN 15152: 2019 paragraph 6.1 & 6.4
Railway applications — Bodyside windows for rolling stock, 1 st edition	ISO 22752 paragraph 4.2.4
Railway rolling stock	NF-F31-129: May 2013 paragraph 7.1.1 & 15.1.1
Railway rolling stock	NF F 31-250: MAY 2013 paragraph 6.1.1 & 15.1
Railway rolling stock	NF-F31-314: May 2013 paragraph 6.1.1 & 15.1
Railway rolling stock	FRA I; FRA II
<u>Environmental Conditioning</u>	
Environmental Engineering Considerations and Laboratory Tests (-55 to 100) °C and (20 to 96) %RH	MIL-STD-810 (501.5, 502.5, 503.5, 507.5)
Hail Testing	ASTM-R-7705B Par 3.4.2.3 ASTM F320-16



Accredited Laboratory

A2LA has accredited

BIL – BALLISTIC IMPACT LABORATORY

Tzuba, 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 14th day of March 2024.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 7208.01
Valid to March 31, 2027
Revised May 18, 2026

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