



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

OREGON BALLISTIC LABORATORIES, LLC

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Salem, OR 97302

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MECHANICAL

Valid To: March 31, 2026

Certificate Number: 7169.01

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

<u>Name</u>	<u>Standard</u>
Aluminum Alloy Armor Rolled Plate (1/2 to 4) Inches Thick, Weldable (Alloy 2519)	MIL-DTL-46192C Appendix A
Armor for Ballistic Impacts Classification and Evaluation Criteria	ABNT NBR 15000:2005, ABNT NBR 15000:2020 Parts 2 & 3
Armor Plate, Aluminum Alloy, 7039	MIL-DTL-46063H Appendix A
Armor Plate, Aluminum Alloy, Unweldable Applique 6061	MIL-DTL-32262 (MR) Appendix A
Armor Plate, Aluminum Alloy, Unweldable Applique 7056 and 7085	MIL-DTL-32375A (MR) Appendix A
Armor Plate, Aluminum Alloy, Unweldable Applique 7085, 7056, and 7075	MIL-DTL-32375B (MR) Appendix A
Armor Plate, Aluminum Alloy, Weldable 5083, 5456, & 5059	MIL-DTL-46027M (MR) Appendix A
Armor Plate, Steel, Wrought, High-Hardness	MIL-A-46100E (MR) Appendix A
Armor Plate, Steel, Wrought, Homogeneous	MIL-A-12560K (MR) Appendix A
Armor Plate, Steel, Wrought, Ultra High-Hardness	MIL-DTL-32332 (MR) Appendix A
Armor Plate Steel Wrought, Very High Hardness	MIL-DTL-46186A (MR) Appendix A
Armor Plate, Titanium Alloy, Weldable	MIL-DTL-46077G Appendix A
Armor Testing Protocol Revised December 03, 2009, Edited 12-10-2009	DEA
Automotive Tank Purchase Description Transparent Armor For Military Use On Military Ground Vehicles	ATPD-2352U, Sections 3.3, 3.4, 3.5, 4.3, 4.4, 4.5, 4.6
Ballistic-resistant Barriers	ASTM E3236-E3236M, ASTM E3236-E3236M
Ballistic Resistant Head Protection	ASTM E3111-E3111M, Except 10.4
Ballistic-resistant Products and Shoot Packs	ASTM E3112/E3112M, Except 9.5

<u>Name</u>	<u>Standard</u>
Ballistic-resistant Vehicle Door Panels	ASTM E3113
Ballistic Testing of Body Armor (16 Feb 16)	TOP 10-2-216
Ballistic Testing of Hard Body Armor Using Clay Backing	TOP 10-2-210
Batteries, Non-Rechargeable, Lithium	* <sup>1</sup> MIL-PRF-32271, Sections 3.5.15, 4.6.2.16
Battery, Rechargeable, Sealed, 6T Lithium-Ion	* <sup>1</sup> MIL-PRF-32565B, Sections 3.11.2.7.2, 4.10.2.8.2.2
Body Armor Testing Protocols (Revised 12/19/2017)	DEA
Bullet Resistant Helmet	HPW-TP-0401.01B
Certification Standard Forced Entry and Ballistic Resistance of Building Systems	SD-STD-01.01 Rev H, SD-STD-01.01 Rev G
Certification Standards for Reinforcing and Testing of Standard Wood and Hollow Metal Doors, Frames, Glass, and Hardware	5-aa10
CFR Safety Glazing Standards-Locomotives, Passenger Cars, and Caboose	CFR-2011 Title 49 Volume 4 Part 223
Collection of Ballistic Limit Data for Ballistic-resistant Torso Body Armor and Shoot Packs	ASTM E3110/E3110M
Conditioning of Hard Armor Test Items	ASTM E3078/E3078M, Except 9, 11, 12
Contact Measurement of Backface Deformation in Clay Backing During Body Armor Testing	ASTM E3068
Creating Appliques for Use in Testing of Nonplanar Soft Body Armor Designed for Females	ASTM E3086
DEA Ballistic Shield Testing Protocol v2.0 October 2, 2013, Edited 10-02-2013	DEA
DEA and FBI Ballistic Research Facility Ballistic Helmet Testing Protocol	DEA
Department of Defense Test Method Standard For Performance Requirements and Testing of Body Armor	MIL-STD-3027, 4.7.1, 4.7.4, 4.7.5, 5.7.1, 5.7.5, 5.7.6
Environmental Test Methods and Engineering Guidelines	MIL-STD-810H, 501.7, 502.7, 503.7
FBI Body Armor Test Protocol	Version 4.1 May 22, 2014
Flight Deck Penetration Resistance	AC No: 25.795-2A
Glass in building - Explosion-resistant security glazing - Test and classification for arena air-blast loading	ISO 16933
Glass in building - Security glazing - Testing and classification of resistance against bullet attack	BS EN 1063:2000
Indoor Ballistic Test Ranges for Small Arms and Fragmentation Testing of Ballistic-resistant Items	ASTM E3062
NIJ Standard for Ballistic Helmets	NIJ-STD-0106.01, Except 4.8
NIJ Standard for Ballistic Resistance of Body Armor	NIJ-STD-0101.04, NIJ-STD-0101.06, NIJ-STD-0101.07
NIJ Standard for Ballistic Resistant Protective Materials	NIJ-STD-0108.01
NIJ Standard for Public Safety Bomb Suit Standard	* <sup>1</sup> NIJ-STD-0117.01 Sections 5.8, 5.9, 6.30, 6.31, Appendix A

<u>Name</u>	<u>Standard</u>
NIJ Standard for Stab Resistance of Personal Body Armor	NIJ-STD-0115.00
Non-Ballistic Test Methods and Evaluation Criteria for Combat Helmets	AEP-2902, Sections 4, 5, 7, 15, 19
Performance Specification for Performance Specification for Protective Undergarment	PRF-15001A0019 Sections 3.6.1, 4.3.2, 4.4.2, 4.8.1, 4.8.8, 4.9
Personal Protective Equipment	* <sup>1</sup> T&EP 22/09/2007, Except 6.4
Preparation and Verification of Clay Blocks Used in Ballistic-Resistance Testing of Torso Body Armor	ASTM E3004
Procedures for the Evaluation and Classification of Personal Armour Bullet and Fragmentation Threats Edition A Version 1	AEP 2920
Procedures for Evaluating the Protection Level of Armoured Vehicles – IED Threat	* <sup>1</sup> AEP-55 Vol. 3
Procedures for Evaluating the Protection Levels of Logistic and Light Armored Vehicles for KE and Artillery Threats	* <sup>1</sup> AEP-55 Vol. 1
Procedures for Evaluating the Protection Level of Logistic and Light Armoured Vehicles for Mine Threat	* <sup>1</sup> AEP-55 Vol. 2
Protection Levels for Occupants of Logistic and Light Armoured Vehicles	Stanag 4569
Purchase Description Personal Armor, Enhanced Small Arms Protective Insert	CO/PD 04-19F, Sections 3.7.1, 3.8.2, 3.8.6, 4.8.2, 4.8.3, 4.8.6, 4.9
Purchase Description Personal Armor, Small Arms Protective Insert	CO/PD 00-03E, Sections 3.8.6, 4.7.1, 4.8.2, 4.8.3, 4.8.6, 4.9
Requirements and testing procedures for the LPCB approval and listing of intruder resistant security glazing units	LPS 1270
Requirements and testing procedures for the LPCB certification and listing of intruder resistant building components, strongpoints, security enclosures, and free-standing barriers.	LPS 1175
Reservoirs, Air, Nonshatterable Steel	MIL-R-8573A, Sections 4.4.11, 4.4.11.3
Resistance to Penetration and Backface Deformation for Ballistic-resistant Torso Body Armor and Shoot Packs	ASTM E3107/E3107M
Standard Test Method for Ballistic Resistant Shields for Law Enforcement	ASTM E3141-E3141M
Soft Armor Conditioning by Tumbling	ASTM E3192-E3192M
Standard Test Method for Door Systems Subject to Airblast Loadings	* <sup>1</sup> ASTM F2927
Standard Test Method for Forced-Entry-Resistance of Fenestration Systems After Simulated Active Shooter Attack	ASTM F3561
Standard Test Methods for Glazing for Detention Facilities	ASTM F 1915
Standard Test Method for Glazing and Glazing Systems Subject to Airblast Loadings	* <sup>1</sup> ASTM F1642
Standard Test Methods for Hollow Metal Swinging Door Assemblies for Detention and Correctional Facilities	ASTM F1450
Standard Test Methods for Measuring the Forced Entry Resistance of Window Assemblies, Excluding Glazing Impact	ASTM F588
Standard Test Methods for Performance of Glazing in Permanent Railing Systems, Guards, and Balustrades	ASTM E2353
Standard Test Method for Security Glazing Materials And Systems	ASTM F1233

<u>Name</u>	<u>Standard</u>
Standard Test Method for Timed Evaluation of Forced-Entry-Resistant Systems	ASTM F3038
Standard Practice for Abrasion Resistance of Printed Materials by the Sutherland Rub Tester	ASTM D5264-98
Standard Practice for Testing Forced Entry, Ballistic and Low Impact Resistance of Security Fence Systems	ASTM F2781 Except Section 10
Standard for Safety Bullet-Resisting Equipment	UL 752 11 <sup>th</sup> Edition, Section 3, 3.1, 12-17
Tank, Fuel, Crash-Resistant, Ballistic-Tolerant, Aircraft	MIL-DTL-27422F, Sections 1.2.3, 4.5.8.4, 4.5.8.4.2, 4.5.8.4.3, Table II, 4.5.8.4.4, 4.5.9, 4.7.12-4.7.17
Test Methods for Ballistic Defeat Materials	MIL-STD-3038
Test Procedure Transparent Materials for Use in Forced Entry or Containment Barriers	HPW-TP-0500.03
Test Standard Forced Entry Resistance of Security Structures and Structural Subassemblies	HPW-TP-0508
US General Services Administration Standard Test Method for Glazing and Window Systems Subject to Dynamic Overpressure Loadings	* <sup>1</sup> GSA-TS01-2003
V <sub>50</sub> Ballistic Limit Testing (30 Jul 08)	TOP 10-2-208
V <sub>50</sub> Ballistic Test for Armor	MIL-STD-662F
Windows, doors, shutters, and blinds - Bullet resistance - Requirements and classification	BS EN 1522:1999
Windows, doors, shutters, and blinds - Bullet resistance - Test Method	BS EN 1523

Satellite Blast Testing Laboratory:

OBL Central Oregon Range \*<sup>1</sup>

Latitude: 43° 23'24"N

Longitude: 120°46:55"W

Altitude: 4733 ft.

<sup>1</sup>The laboratory is accredited for the test methods listed above. The accredited test methods are used in determining compliance with any 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 every method embedded within the specification. Only the methods listed above on this Scope are accredited.

ASTM E3347/E3347M Standard Specification for Ballistic Resistant Shields Used by Law Enforcement Officers

\*<sup>1</sup>DOS Blast SOP BLAST TESTING SOP FOR DS/PSD/RD

\*<sup>1</sup>ASTM F2912 Standard specification for Glazing and Glazing Systems Subject to Airblast Loadings

\*<sup>1</sup>ASTM F2248 Standard Practice for Specifying an Equivalent 3-Second Duration Design Loading for Blast Resistant Glazing Fabricated with Laminated Glass

\*<sup>1</sup>IMAS 10.30 Demining suit