


Schedule of Accreditation issued by United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 4515 Accredited to ISO/IEC 17025:2017	Jordan Design and Development Bureau Issue No: 020 Issue date: 07 January 2022	
	JODDB Jabal Amman PO Box 928125 Amman 11190 Jordan	Contact: Dr.Eng.Riyad Ratrout Head of Test and Evaluation Tel: + 962 (2) 6256024 ext. (5012) Fax: + 962 (2) 6256024 E-Mail: dr.riyad@joddb.com Website: www.joddb.com
Testing performed by the Organisation at the locations specified below		

Locations covered by the organisation and their relevant activities are detailed on the following 2 pages

Location details	Activity	Location code
Address King Hussein Main Workshops JODDB Test and Evaluation Centre Ballistic Testing Facilities (BTF)	Local contact Eng. Issa Rawashdeh Head of Weapons, Ammunition and Armor Testing Tel: + 962 (2) 6256024 ext. (5014)	JODDB Ballistic Testing Facility Indoor Range
Ballistic Testing Facilities (BTF) Live Firing Range	Fax:+ 962 (2) 6256024	JODDB Ballistic Testing Facility Outdoor Range
Blast Testing Facilities (BTF) Live Firing Range	E-Mail: irawashdeh@joddb.com Website: www.joddb.com	JODDB Blast Testing Facility Outdoor Range



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Address King Hussein Main Workshops JODDB Test and Evaluation Centre Automotive Testing Facilities (ATF)	Local contact Eng. Osama Al-Madani Head of Automotive Testing Tel: + 962 (2) 6256024 ext. (2326) Fax:+ 962 (2) 6256024 E-Mail: omadni@joddb.com Website: www.joddb.com	Automotive Testing	JODDB Automotive Testing Facility Indoor
Automotive Testing Facilities (ATF) Test Track		Automotive Testing	JODDB Automotive Testing Facility Outdoor

Address King Hussein Main Workshops JODDB Test and Evaluation Centre Electrical Testing Facilities (ETF)	Local contact Eng. Nidal Al-qawabah Head of Electrical Testing Tel: + 962 (2) 6256024 ext. (3083) Fax:+ 962 (2) 6256024 E-Mail: nqawabah@joddb.com Website: www.joddb.com	Electrical Testing	JODDB Electrical Testing Facility
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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Military Armoured Vehicle and Single Plate and Engineered Targets	<p>Ballistic Resistance Kinetic Energy "Multi-Hit" Test. Level 1 (5.56mmX45 M193/SS109&7.62 M80) Level 2 (7.62mmX39 API BZ) Level 3 (7.62mmx54R B32 API & 7.62 WC AP8) Level 4 (14.5mmX114 API/B32) Level 5 (25mmX137 APDS-T, APFSDS-T) Level 6 (30mmX165 API & 30mmX173 NM225)</p> <p>Mine Blast Resistance Occupant Survivability (Safety) Tests Crew Casualty /Injury Criteria of Vehicle Occupants</p> <p>GRENADA AND BLAST MINE THREAT LEVELS:</p> <p>Level 4: 4b - Mine Explosion under belly "10 kg (explosive mass) Blast AT Mine" 4a - Mine Explosion pressure activated under any wheel or track location "10 kg (explosive mass) Blast AT Mine"</p> <p>Level 3: 3b - Mine Explosion under belly "8 kg (explosive mass) Blast AT Mine" 3a - Mine Explosion pressure activated under any wheel or track location "8 kg (explosive mass) Blast AT Mine"</p> <p>Level 2: 2b - Mine Explosion under belly "6 kg (explosive mass) Blast AT Mine" 2a - Mine Explosion pressure activated under any wheel or track location "6 kg (explosive mass) Blast AT Mine"</p> <p>Level 1: Hand grenades, unexploded artillery fragmenting sub-munitions, and other small anti personnel explosive devices detonated anywhere under the vehicle.</p>	<p>NATO STANAG 4569 Edition 2 (18 Dec 2012) Protection levels for occupants of armoured vehicles - (KE-Threat)</p> <p>NATO STANDARD AEP-55 (Vol.1 Edition C)</p> <p>NATO STANAG 4569 Edition 2 (18 Dec 2012) Protection levels for occupants of armoured vehicles (grenade and blast mine threat)</p> <p>NATO STANDARD AEP-55 (Vol.2 Edition 2)</p>	<p>JODDB Ballistic testing facility</p> <p>Indoor Range</p> <p>JODDB Ballistic testing facility</p> <p>Outdoor Range</p>



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Special Protected Vehicles (Armored)	<p>Bullet-Resistance</p> <ul style="list-style-type: none"> - VR 1 - VR 2 - VR 3 - VR 4 - VR 5 - VR 6 - VR 7 - VR 8 - VR 9 - VR10 - VR11 	Testing guideline special protected vehicles - standards, classifications and testing methods VPAM - BRV 2009	<p>JODDB Ballistic testing facility</p> <p>Indoor Range</p>
Special Protected Vehicles (Blast Resistance)	<ul style="list-style-type: none"> - Side Blast Test - 4m from the test vehicle - 2m from the test vehicle - Under Vehicle (Floor) - Dm51 Qty.1 - Dm51 Qty.2 - HG85 (CH) Qty.1 - HG85(CH) Cty.2 - DM31 (Surrogate) Qty.1 - Roof Protection - Dm51 Qty.1 - Dm51 Qty.2 - HG85 (CH) Qty.1 - HG85(CH) Cty.2 	Special Protected Vehicle (Blast Resistance) VPAM ERV 2010 STAND: 18.05.2011	<p>JODDB Blast Testing Facility</p> <p>Outdoor Range</p>
Civilian Armoured Vehicle	<ul style="list-style-type: none"> - Ballistic (BA) test method & levels BA-A / BA-B / BA-C BA-F / BA-G / BA-H / BA-J BA-L / BA-M / BA-N / BA-P / BA-SG - Fragment (FR) test method & levels FR-A / FR-B / FR-C / FR-D FR-E / FR-F - Side blast (SB) test method & levels SB-A / SB-B / SB-C / SB-D / SB-E - Under vehicle (UB) blast test method & levels UB-A / UB-B - Roof blast (RB) test method & levels RB-A / RB-B 	PAS 300:2015 Civilian armoured vehicle – Test methods for ballistic and blast protection	<p>JODDB Ballistic Testing Facility</p> <p>Indoor Range</p>



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Ballistic Helmets	Ballistic Penetration – Type I – Type II-A – Type II – Special Type Ballistic Impact Attenuation – Type I – Type II-A – Type II Special Type	NIJ Standard 0106.01 for Ballistic Helmets.	JODDB Ballistic testing facility Indoor Range
Personal Body Armor (Flexible Vests and Jackets, Hard Armors and Plate Inserts)	Ballistic Penetration and Backface Signature Test (P-BFS) – Type IIA – Type II – Type IIIA – Type III – Type IV Special Type	NIJ Standard–0101.04 Ballistic Resistance of Personal Body Armor	JODDB Ballistic testing facility Indoor Range
Personal Body Armor (Flexible Vests and Jackets, Hard Armors and Plate Inserts)	Baseline Ballistic Limit – Type I – Type IIA – Type II – Type IIIA – Type III – Type IV Special Type	NIJ Standard–0101.04 Ballistic Resistance of Personal Body Armor	JODDB Ballistic testing facility Indoor Range
Personal Body Armor (Flexible Vests and Jackets, Hard Armors and Plate Inserts)	Perforation and Backface Signature Test (P-BFS) – Type IIA – Type II – Type IIIA – Type III – Type IV Special Type	NIJ Standard–0101.06 Ballistic Resistance of Body Armor	JODDB Ballistic testing facility Indoor Range



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Personal Body Armour (Flexible Vests and Jackets, Hard Armors and Plate Inserts)	Ballistic Limit (BL) Determination – Type IIA – Type II – Type IIIA – Type III – Type IV Special Type	NIJ Standard–0101.06 Ballistic Resistance of Body Armor	JODDB Ballistic testing facility Indoor Range
Stab Resistant Body Armor System	Stab Resistant Protection Level Strike Energies Engineered Knife Blade P1/S1 & Engineered Spike “E1” Strike Energy Level 1 (Low Threats: 24 ± 0.5 J) Level 2 (Medium Threats: 33 ± 0.6 J) Level 3 (High Threats: 43 ± 0.6 J) “E2” Over Test Strike Energy Level 1 (Over test condition: 36 ± 0.60 J) Level 2 (Over test condition: 50 ± 0.70 J) Level 3 (Over test condition: 65 ± 0.80 J)	NIJ Standard–0115.00 September 2000 Stab Resistance of Personal Body Armor	JODDB Ballistic Testing Facility Indoor Range



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Personal Armour (Hard Armour, Soft Armour, Helmets, Face and Eye Protection System)	Protection Against: Bullets Threats "KE" and Fragmentation Threats "FSP" KE Threat: A, Lead Core Projectiles (A1, A2, A3, A5 & A Special) B, Mild Steel Core Projectiles (B2, B3, B4, B5 & B Special) C, Hardened Steel Core Projectiles (C4, C5, C6, C7 & C Special) D, Tungsten Cobalt (WC) Core Projectiles (D1, D3, D5 & D Special) FSP Threat: C.1, Chisel Nose Cylinders Fragments (F1, F2, F3, F4, F5 & F6) C.2, Chisel Nose Cylinders Fragments (G5, G6, G8 & G9) C.3, Right Circular Cylinders Fragments (R1, R2, R3, R4, R5, R6 & R7)	STANAG 2920 (Edition 3) / June 2015 CLASSIFICATION OF PERSONAL ARMOUR NATO AEP-2920 (Edition A Version 1)/June 2015 PROCEDURES FOR THE EVALUATION AND CLASSIFICATION OF PERSONAL ARMOUR (BULLET AND FRAGMENTATION THREATS)	JOddb Ballistic Testing Facility Indoor Range



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Glass in Building Security Glazing (Armoured)	Resistance Against Bullet Attack – BR1 – BR2 – BR3 – BR4 – BR5 – BR6 – BR7 – SG1 – SG2	EN 1063: 2000 Glass in building-Security glazing-Testing and classification of resistance against bullet attack.	JODDB Ballistic testing facility Indoor Range
Glass and Glazing system (Armoured)	Classification of bullet-resistance Handguns, Rifles, Shotguns & Open Class –HG1 –HG2 –HG3 –R1 –R2 –SG1 –SG2 –SG3 –Open class	ISO 16935:2007 Glass in building .— Bullet-resistant security glazing .— Test and classification Testing the bullet-resistance of glazing at extreme temperatures. (Within the range: - 20 °C to + 40 °C)	JODDB Ballistic testing facility Indoor Range



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Windows, Doors, Shutters and Blinds (Armoured)	<p>Bullet Resistance</p> <ul style="list-style-type: none"> - FB1 - FB2 - FB3 - FB4 - FB5 - FB6 - FB7 - FSG - Ammunition (Other Type & Calibres) 	<p>BS EN 1522 : 1999 Windows, doors, shutters and blinds- Bullet Resistance- Requirements and classification.</p> <p>BS EN 1523 :1999 Windows, doors, shutters and blinds Bullet resistance - Test method.</p>	<p>JODDB Ballistic testing facility</p> <p>Indoor Range</p>
Security Glazing Systems Against Explosive Threats	<p>THREAT LEVELS: Vehicle bombs:</p> <ul style="list-style-type: none"> - EXV45(X) - EXV33(X) - EXV25(X) - EXV19(X) - EXV15(X) - EXV12(X) - EXV10(X) 	<p>ISO 16933:2007(E) First edition 2007-07-01 Glass in building — Explosion-resistant security glazing — Test and classification for arena air-blast loading</p>	<p>JODDB Blast Testing Facility</p> <p>Outdoor Range</p>



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Security Glazing Systems Against Explosive Threats Continued	Hand-carried satchel bombs - SB1(X) - SB2(X) - SB3(X) - SB4(X) - SB5(X) - SB6(X) - SB7(X) Special Type:	ISO 16933:2007(E) First edition 2007-07-01 Glass in building — Explosion-resistant security glazing — Test and classification for arena air-blast loading	JODDB Blast Testing Facility Outdoor Range
Protective Materials (Metals, Ceramics, Transparent Glazing, Fabric, and Fabric-Reinforced Plastics)	Ballistic Resistance – Type I – Type IIA – Type II – Type III-A – Type III – Type IV – Special Requirement	NIJ Standard 0108.01 for Ballistic Resistant Protective Materials.	JODDB Ballistic testing facility Indoor Range



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Plate Materials (Armoured)	Triangle Shooting – Class 1 – Class 2 – Class 3 – Class 4 – Class 5 – Class 6 – Class 7 – Class 8 – Class 9 – Class 10 – Class 11	TEST GUIDELINE, Bullet Resistant Plate Materials VPAM PM 2007 , Edition: 2008-05-08.	JODDB Ballistic testing facility Indoor Range
Plate Materials (Armored)	Calculation of Ballistic Limit V50 – Class 1 – Class 2 – Class 3 – Class 4 – Class 5 – Class 6 – Class 7 – Class 8 – Class 9 – Class 10 – Class 11	Test guideline, Bullet Resistant Plate Materials VPAM PM 2007 , Edition: 2008-05-08.	JODDB Ballistic testing facility Indoor Range



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Plate Materials (Armored)	<p>Multi-Hit Test</p> <ul style="list-style-type: none"> - Class 1 - Class 2 - Class 3 - Class 4 - Class 5 - Class 6 - Class 7 - Class 8 - Class 9 - Class 10 - Class 11 	Test guideline, Bullet Resistant Plate Materials VPAM PM 2007 , Edition: 2008-05-08.	<p>JODDB Ballistic testing facility</p> <p>Indoor Range</p>
Logistic and Light Armored Vehicles (Single Plate Targets) / Glass	<p>Ballistic Resistance Kinetic Energy Only "Partial" Using Non-Fragmenting Ammunition.</p> <ul style="list-style-type: none"> - Level 1 - Level 2 - Level 3 	<p>STANAG 4569 Land (Edition 2) - Protection Levels for Occupants of Logistic and Light Armoured Vehicles</p> <p>Aep-55, Volume 1 Edition 2 Procedures for Evaluating the Protection Level of Logistic and Light Armoured Vehicles</p>	<p>JODDB Ballistic testing facility</p> <p>Indoor Range</p>



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
NATO Weapons & Ammunition of Calibers 5.56 mm , 7.62 mm, 9mm, 12.7 mm		NATO STANDARD / AEP-97 Edition A Version 1 / 14 Feb 2014 MULTI CALIBRE MANUAL OF PROOF AND INSPECTION (M-C MOPI) for 5.56 mm, 7.62 mm, 9 mm and 12.7 mm Ammunition	JODDB Ballistic testing facility Indoor Range
	Bullet Extraction	M-C MOPI Section No. 25 of AEP-97Ed.A	
	Primer Sensitivity	M-C MOPI Section No. 24 of AEP-97Ed.A	
	Waterproof	M-C MOPI Section No. 27 of AEP-97Ed.A	
	Combination Electronic Pressure , Velocity & Action Time (EPVAT)	M-C MOPI Section No. 12 of AEP-97Ed.A	
	Precision	M-C MOPI Section No. 18 of AEP-97Ed.A	
	Function and Casualty	M-C MOPI Section No. 14 of AEP-97Ed.A	
	Trajectory Match Test using target simulation	M-C MOPI Section No. 20 of AEP-97Ed.A	
	Residual Stress Test	M-C MOPI Section No. 23 of AEP-97Ed.A	
	Terminal Effects Test	M-C MOPI Section No. 19 of AEP-97Ed.A	
Smoke and Flash Test	M-C MOPI Section No. 17 of AEP-97Ed.A		
Link Test	M-C MOPI Section No. 15 of AEP-97Ed.A		



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C.I.P. Small Arms Ammunition	<ul style="list-style-type: none"> - Pressure measurements - Velocity - Kinetic energy 	C.I.P. Permanent International Commission for the Proof of Small-arms / Comprehensive Edition of Adopted C.I.P. Decisions / Edition 2011.	JODDB Ballistic testing facility Indoor Range
Auto-loading Pistols For Police Officers	<ul style="list-style-type: none"> - Visual Inspection - Dimensional - Function - Firing - Drop Safety - Drop Function 	NIJ Standard-0112.03 Autoloading Pistols For Police Officers	JODDB Ballistic testing facility Indoor Range
Pistol, Semi automatic, Compact, 9 mm	<ul style="list-style-type: none"> - Headspace - Trigger Pull - High Pressure Resistance - Functioning - Accuracy and Dispersion - Reliability - Durability - Safety - Maintainability - Environmental (High Temperature) - Environmental (Low Temperature) - Rough Handling 	MIL-P-71012A(AR) MILITARY SPECIFICATION PISTOL, SEMIAUTOMATIC, COMPACT, 9 MM	JODDB Ballistic testing facility Indoor Range



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Carbine, 5.56 mm	<ul style="list-style-type: none"> - Firing Pin Indents - Trigger Pull - High Pressure Resistance - Function Firing - Cyclic Rate of Fire - Targeting and Accuracy - Endurance 	<p>MIL-DTL-71186A DETAIL SPECIFICATION CARBINE, 5.56 MILLIMETER</p>	<p>JODDB Ballistic testing facility</p> <p>Indoor Range</p>
Machine Gun, 7.62 mm	<ul style="list-style-type: none"> - Headspace - Firing Pin Indent - Trigger Pull - High Pressure Resistance - Functioning - Targeting and Accuracy - Endurance - Reliability 	<p>MIL-M-45013E (AR) Military Specification Machine Gun, 7.62 mm</p>	<p>JODDB Ballistic testing facility</p> <p>Indoor Range</p>



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Gun, Machine; Caliber 0.50	<ul style="list-style-type: none"> - Headspace - Timing - Firing Pin Release - Firing Pin Indent - High Pressure Resistance - Functioning - Belt pull - Cyclic Rate of Fire - Targeting and Accuracy - Endurance - Barrel Erosion 	MIL-DTL-001298D (AR) Detail Specification Gun, Machine; Caliber .50, Browning, M2, Heavy Barrel	JODDB Ballistic testing facility Indoor Range
12-Gauge Shotguns	<ul style="list-style-type: none"> - Visual Inspection Test - Dimensional Measurement Test - Functional Tests - Safety Test - Firing Tests - Drop-Safety Test - Drop-Function Test 	12-Gauge Shotguns for Police Use NIJ Standard-0113.00	JODDB Ballistic testing facility Indoor Range



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Shotguns	<ul style="list-style-type: none"> - Dimensions Test - Proof of the Weapons Test 	C.I.P. Permanent International Commission for the Proof of Small-arms / Comprehensive Edition of Adopted C.I.P. Decisions / Edition 2011. / "Testing of Smoothbore Weapons - C.I.P. Calibre 12 Gauge	JODDB Ballistic testing facility Indoor Range
Shot Cartridges	Dimensions to Check Test. Maximum Average Pressure Test.	C.I.P. Permanent International Commission for the Proof of Small-arms / Comprehensive Edition of Adopted C.I.P. Decisions / Edition 2011. / "Testing of Ammunition for Smoothbore Firearms - C.I.P. Calibre 12 Gauge"	JODDB Ballistic testing facility Indoor Range
Military 9mm Ammunition - XM882	<ul style="list-style-type: none"> - Bullet Extraction - Residual Stress - Waterproofness - Accuracy - Function & Casualty - Chamber Pressure and Velocity - Primer Sensitivity 	MIL-C-70508	JODDB Ballistic testing facility Indoor Range



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Military 5.56mm Ammunition - M855	<ul style="list-style-type: none">- Bullet Extraction- Residual Stress- Waterproofness- Penetration- Accuracy- Matching- Function & Casualty- Velocity, chamber pressure, port pressure	MIL-C-63989	JODDB Ballistic testing facility Indoor Range
Military 7.62mm Ammunition - M80	<ul style="list-style-type: none">- Bullet Extraction- Residual Stress- Waterproofness- Accuracy- Function & Casualty- Velocity, chamber pressure, port pressure	MIL-C-46931F	JODDB Ballistic testing facility Indoor Range



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<p>Military 12.7mm Ammunition - M33</p> <p>Small Arms - Hand and Shoulder Weapons and Machineguns</p>	<ul style="list-style-type: none"> - Bullet Extraction - Residual Stress - Waterproofness - Accuracy - Function & Casualty - Chamber pressure - Initial Inspection Test (Excluding spring tests) - Cookoff Test - Reliability and Durability Test - Accuracy and Dispersion Test - Adverse Conditions (Extreme Temperature - High T. Test up to +52 C) - Adverse Conditions (Humidity Test) - Adverse Conditions (Water Spray (rain) Test) - Flash Test - Smoke Test - Rough Handling Test - Barrel Performance Test - Ammunition Compatibility Test - Accessory Compatibility Test - Logistic Supportability Test - Post-Fire Inspection Test Excluding spring tests) - Proof Firing Test - Parts Interchange Test 	<p>MIL-C-10190D</p> <p>TOP 3-2-045 17 September 2007</p> <p>Test Operations Procedure - Small Arms - Hand and Shoulder Weapons and Machineguns</p>	<p>JODDB Ballistic testing facility</p> <p>Indoor Range</p> <p>JODDB Ballistic testing facility</p> <p>Indoor Range</p>



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Ballistic testing of bullet-resisting equipment and materials Non-metallic Material Metallic Material Materials Assemblies: Gun Ports Speaking Apertures Deal trays and package passers Intercommunication systems Barriers Building components	THREAT LEVELS: Level 1 (9 mm full metal copper jacket with lead core, 124 Grain) Level 2 (.357 Magnum jacketed lead soft point, 158 Grain) Level 3 (.44 Magnum lead semi-wadcutter gas checked, 240 Grain) Level 4 (.30 caliber rifle lead core soft point, 180 Grain) Level 5 (7.62 mm Rifle lead core full metal copper jacket, military ball, 150 Grain) Level 6 (9 mm full metal copper jacket with lead core, 124 Grain) Level 7 (5.56 mm Rifle full metal copper jacket with lead core, 55 Grain) Level 8 (7.62 mm Rifle lead core full metal copper jacket, military ball, 150 Grain) Level 9 (Armor piercing .30 caliber Rifle steel core lead point filler full metal jacket, 166 Grain) Level 10 (.50 caliber rifle lead core full metal copper jacket, military ball, 709.5 Grain) Supplementary Shotgun: 12-Gauge rifled lead slug, 437 Grain and 00 lead buckshot (12 pellets), 650 Grain Special Type: as supplied or defined by the customer	UL 752 Edition 11 Bullet resisting equipment	JODDB Ballistic testing facility Indoor Range



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ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Jordan Design and Development Bureau

Issue No: 020 Issue date: 07 January 2022

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Individual Weapons / Light - Medium - Heavy Support Weapons Testing: Handguns Submachineguns Assault Rifles Precision Rifles Machine Guns Grenade Launchers Shotguns	Firing Tests Carried out under Non-normal Operational Conditions: - - Cold Test - High Temperature Test - Temperature & Humidity Test - Mud Test - Dynamic Sand & Dust Test - Accelerated Water Spray Test - Safety Drop Test: 1.5 Meter (5 Feet) - Cook-Off and Barrel Heating Test	NATO M-C MOPI ACC225 NATO UNCLASSIFIED Releasable to IP and Singapore (152 - 221)	JODDB Ballistic testing facility Indoor Range



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<p>Wheeled vehicle A limit of 4x4 vehicle with max weight 20000kg</p> <p>Wheeled and Tracked vehicles</p>	<p>Gradeability and side slope performance 4.1 Longitudinal Grade Performance 4.1.1 Braking system grade holding ability 4.1.2 Vehicle engine and transmission performance</p> <p>4.2 Side Slope performance 54m track length</p> <p>Acceleration; Maximum & minimum speed tests</p> <p>Standard Obstacles 5.1 Bridging 5.2 Wall climbing</p> <p>Wheeled vehicle centre of gravity 4.4 Weight Method</p> <p>Weight Distribution and Ground Pressure 4.1 Weight Distribution Test</p>	<p>TOP 02-2-610 03 December 2009 Gradeability and side slope performance</p> <p>TOP 02-2-602A 25 March 2019</p> <p>TOP 2-2-611 25 June 1980 Standard Obstacles</p> <p>TOP 2-2-800 31 December 1993 Wheeled vehicle centre of gravity</p> <p>TOP 2-2-801 7 August 1981 Weight Distribution and Ground Pressure</p>	<p>JODDB Automotive Testing Facility</p> <p>Outdoor</p> <p>JODDB Automotive Testing Facility</p> <p>Indoor</p>
<p>Motor vehicle wheeled/ Vehicle of category: M: Motor vehicles having at least four wheels or having ' three wheels when the maximum weight exceeds 1 metric ton, and used for the carriage of passengers</p> <p>Motor vehicle wheeled/ Vehicle of category: N: Motor vehicles having at least four wheels or having three wheels when the maximum weight exceeds 1 metric ton, and used for the carriage of goods.</p>	<p>Braking Test And Performance Of Braking Devices Type O test with engine disconnected (ordinary performance with brakes cold).</p>	<p>COUNCIL DIRECTIVE of 26 July 1971 (71/320/EEC) Annex II /section 1.2).</p>	<p>JODDB Automotive Testing Facility</p> <p>Outdoor</p>



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Enclosures for electrical equipment with a rated voltage not exceeding 1 000 V ac. and 1 500 V dc.)	<p>IP4X: protection of persons against access to hazardous parts inside the enclosure.</p> <p>IP4X: protection of the equipment inside the enclosure against ingress of solid foreign objects.</p> <p>IP5X: protection of persons against access to hazardous parts inside the enclosure.</p> <p>IP5X: protection of the equipment inside the enclosure against ingress of solid foreign objects for enclosures <i>category 2</i>.</p> <p>IPX7: Protection of the equipment inside the enclosure against the effects of temporary immersion in water.</p> <p>IPX8: Protection of the equipment inside the enclosure against the effects of continuous immersion in water.</p>	<p>Degrees of protection provided by enclosures (IP Code)</p> <p>IEC 60529 2013-08 Edition 2.2</p>	<p align="center">JODDB Electrical Testing Facility</p>

END