


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>UKAS</b> TESTING</p> <p><b>4354</b></p> <p>Accredited to <b>ISO/IEC 17025:2017</b></p>	<h3>NP Aerospace Limited</h3> <p><b>Issue No: 022    Issue date: 26 November 2025</b></p>	
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<p><b>Testing performed at the above address only</b></p>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Calibre of Bullets Calibre of Fragments	5.56 mm to 14.5 mm 5.56 mm to 20 mm	The range of capabilities detailed in this section are parameter based to allow reporting of work carried out to specific customer requirements as agreed at the customer contract review and included in the listed product types.
Velocity of Bullets Velocity of Fragments	250 ms <sup>-1</sup> to 1650 ms <sup>-1</sup> ± 0.15 % 250 ms <sup>-1</sup> to 1400 ms <sup>-1</sup> ± 0.20 %	
Penetration depth	3 mm to 60 mm ± 1.0 mm	
Pitch and Yaw angle – deviation from projectile orientation	0° to 360° ± 1.0°	
Conditioning temperature and humidity	-40 °C to +72 °C ± 2.0 °C 40 %rh to 70 %rh ± 7 %rh	
Temperature in air	+10 °C to +30 °C ± 2.0 °C	
Mass	0 g to 50 g ± 0.63 mg 50 g to 2 kg ± 0.35 g 2 kg to 30 kg ± 0.82 g	
Thickness	0.1 mm to 25.4 mm ± 30 µm	
Structural Rigidity		
(Force – Compression)	100 N to 2500 N 0.50 %	
(Displacement)	0.5 mm to 10 mm ± 50 µm 10 mm to 50 mm ± 0.50 %	
Blunt impact		
Impact Force	1 g to 500 g ± 1.7 %	
Velocity of impact	1 ms <sup>-1</sup> to 10 ms <sup>-1</sup> ± 1.5 %	

Monorail and Twin wire rigs available



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<p><b>Hard Armour Plate</b></p>	<p>Ballistic Penetration and Ballistic Signature Test Types: IIA,II, IIIA, III, IV &amp; Special threats</p> <p>Ballistic Baseline Limit Types: IIA,II, IIIA, III, IV &amp; Special threats</p> <p>Ballistic Penetration and Ballistic Signature Test (P-BFS) Types: IIA,II, IIIA, III, IV &amp; Special threats</p> <p>Ballistic Limit Determination Types: IIA,II, IIIA, III, IV &amp; Special threats</p> <p>Ballistic Penetration and Ballistic Signature Test (P-BFS) Threats NIJ HG1, HG2, RF1, RF2, RF3</p> <p>Ballistic Limit Determination Threats NIJ HG1, HG2, RF1, RF2, RF3</p> <p>Ballistic Signature Test Cat. A1,A2,A3,A5 &amp; A Special Cat. B2,B3,B4,B5 &amp; B Special Cat. C4,C5,C6,C7 &amp; C Special Cat. D1,D3,D5 &amp; D Special</p> <p>Ballistic Baseline Limit Cat. A1,A2,A3,A5 &amp; A Special Cat. B2,B3,B4,B5 &amp; B Special Cat. C4,C5,C6,C7 &amp; C Special Cat. D1,D3,D5 &amp; D Special</p> <p>Ballistic Signature Test</p>	<p>NIJ 0101.04 Sept 2000 Ballistic Resistance of Personal Body Armor</p> <p>NIJ 0101.04 Sep 2000 Ballistic Resistance of Personal Body Armor</p> <p>NIJ 0101.06 Jul 2008 Ballistic Resistance of Personal Body Armor</p> <p>NIJ 0101.06 Jul 2008 Ballistic Resistance of Personal Body Armor</p> <p>NIJ 0101.07 Oct 2023 Ballistic Resistance of Personal Body Armor</p> <p>NIJ 0101.07 Oct 2023 Ballistic Resistance of Personal Body Armor Threat levels defined in NIJ 0123.00</p> <p>AEP 2920 Ed A Ver 2 Sept 2016 Procedures for the Evaluation And Classification of Personal Armour</p> <p>AEP 2920 Ed A Ver 2 Sept 2016 Procedures for The Evaluation And Classification of Personal Armour</p> <p>UK/SC/6515 Iss 01 Jan 2008 Osprey Hard Armour Testing Protocol</p>



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<p><b>Ballistic Combat Helmets</b></p>	<p>Ballistic Penetration Type I Type II-A Type II Special Type</p> <p>Ballistic Signature Test Class F5 1.1g FSP</p> <p>Ballistic Baseline Limit Class G5 1.1g FSP (Sabot)</p> <p>Ballistic Limit Testing</p> <p>Ballistic Signature Test</p> <p>Blunt Impact</p>	<p>NIJ0106.01 Dec 1981 For Ballistic Helmets</p> <p>STANAG 2920 Ed 2 July 2003</p> <p>AEP 2920 Ed A Ver 2 Sept 2016 Procedures for The Evaluation and Classification of Personal Armour</p> <p>AEP 2920 Ed A Ver 2 Sept 2016 Procedures for The Evaluation and Classification of Personal Armour</p> <p>UK/SC/6599 Iss 04 Jul 2011 Technical Specification For Helmet Combat Assault Mk7</p> <p>UK/SC/5449 Iss 01 Mar 1996 Ballistic Test Method for Personal Armour and Lightweight Materials</p> <p>ITEAP/6851 Issue 3.6 12 March 2019</p> <p>W8486-148836/A Nov 2014 Combat Helmets</p> <p>W8486-148836/A Nov 2014 Combat Helmets</p> <p>W8486-148836/A Nov 2014 Combat Helmets</p> <p>AEP 2902 2019 Edition A Version 1 Chapter 4 Blunt Impact Methods A,B,C,D,H and I</p> <p>BS6658:1985 Appendix E and F</p> <p>ITEAP/6851 Issue 3.6 12 March 2019</p>



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<p><b>Soft Body Armour Fillers and Ancillaries</b></p>	<p>Ballistic Baseline Limit Class F5 1.1g FSP</p> <p>Ballistic Baseline Limit Class G5 1.1g FSP (Sabot)</p> <p>Ballistic Limit Testing</p>	<p>AEP 2920 Ed A Ver 2 Sept 2016 Procedures for The Evaluation and Classification of Personal Armour</p> <p>AEP 2920 Ed A Ver 2 Sept 2016 Procedures for The Evaluation and Classification of Personal Armour</p> <p>DC/PS/6541 Iss 01 May 2008 Performance Specification for Filler, Body Armour, Osprey Ancillary</p> <p>DC/PS/6255 Iss 01 May 2008 Performance Specification for Filler Body Armour</p>
<p><b>Armour</b></p> <p>Security Glazing, Windows, Doors, Shutters and Blinds static or vehicle sections</p>	<p>KE Threat Levels: K1, k2, K3 &amp; k4</p> <p>Artillery Threat levels: A1, A2, A4, A4, A5 &amp; A6</p> <p>Ballistic Limit Testing</p>	<p>AEP-55 Vol 1 Ed D Ver 1 Feb 2022</p> <p>BS EN 1063:2000, BS EN 1523 :1999, BS &amp; EN 1522 :1999</p>
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