


# 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>4475</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Forensic Access Ltd</h3> <p>Issue No: 032   Issue date: 13 December 2023</p>	
	<p><b>Forensic Access</b> Aspect House The Quadrangle Grove Business Park Wantage Oxfordshire OX12 9FA</p>	<p><b>Contact: James Holding</b> Tel: +44 (0)1235 774870 Fax: +44 (0)1235 769692 E-Mail: james.holding@forensic-access.co.uk Website: www.forensic-access.co.uk</p>
<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
	<u>Forensic Testing</u>	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice in relation to the Forensic Activities listed below.
BODY FLUIDS and TISSUES  Any Material	<u>Forensic Analysis</u>  Searching for: <ul style="list-style-type: none"> <li>- Blood</li> <li>- Semen</li> <li>- Saliva</li> </ul> Recovery and preparation, including for contingency purposes, for subsequent DNA analysis by an ISO/IEC 17025 accredited laboratory of the following from searched materials: <ul style="list-style-type: none"> <li>- Blood</li> <li>- Semen</li> <li>- Saliva</li> <li>- Cellular Material</li> </ul>	Documented In-House Methods (FAL-BM-007) using: <ul style="list-style-type: none"> <li>- visual examination</li> <li>- low power microscopy</li> <li>- high power microscopy</li> <li>- chemical testing (see below)</li> </ul> Documented In-House Methods (FAL-BM-004, FAL-BM-010 & FAL-BM-008) using: <ul style="list-style-type: none"> <li>- cutting</li> <li>- swabs and swabbing</li> <li>- extraction of stained materials</li> <li>- extraction of swabs</li> <li>- mini-taping</li> <li>- Proteinase K</li> </ul>
Blood	Presumptive testing for Blood via detection of: <ul style="list-style-type: none"> <li>- Peroxidase</li> </ul>	Documented In-House Methods (FAL-BM-002) using: <ul style="list-style-type: none"> <li>- Visual Examination</li> <li>- KM (Kastle Meyer)</li> </ul>



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<p><b>BODY FLUIDS and TISSUES</b> (cont'd)</p> <p>Semen</p> <p>Semen</p> <p>Saliva</p>	<p><u>Forensic Analysis</u> (cont'd)</p> <p>Presumptive testing for seminal fluid, via detection of:</p> <ul style="list-style-type: none"> <li>- Acid Phosphatase</li> <li>- Choline</li> </ul> <p>Confirmatory testing for seminal fluid via identification of:</p> <ul style="list-style-type: none"> <li>- Spermatozoa</li> </ul> <p>Presumptive testing for saliva via detection of:</p> <ul style="list-style-type: none"> <li>- Amylase</li> </ul>	<p>Documented In-House Methods (FAL-BM-001, FAL-BM-011 &amp; FAL-BM-006) using:</p> <ul style="list-style-type: none"> <li>- Visual Examination</li> <li>- Acid phosphatase detection (colour reaction)</li> <li>- Choline detection by Florence Iodine test</li> </ul> <p>Documented In-House Methods (FAL-BM-004) using:</p> <ul style="list-style-type: none"> <li>- High power microscopy</li> <li>- Haematoxylin and Eosin staining</li> </ul> <p>Documented In-House Methods (FAL-BM-003) using:</p> <ul style="list-style-type: none"> <li>- Visual examination</li> <li>- Phadebas paper</li> <li>- Phadebas tube test</li> </ul>
<p><b>MARKS AND IMPRESSIONS</b></p> <p>Fingermarks Any material which is capable of retaining friction ridge marks</p>	<p><u>Forensic Analysis</u></p> <p>Enhancement of fingermarks, palm marks and plantar marks</p>	<p>Documented In-House Methods using chemical and physical enhancement techniques</p> <ul style="list-style-type: none"> <li>- Cyanoacrylate (CNA) Fuming (FAL-MP-001)</li> <li>- Basic Yellow 40 (BY40) (aqueous &amp; ethanol) (FAL-MP-001)</li> <li>- 1,8-Diazafluoren-9-one (DFO) (FAL-MP-002)</li> <li>- Ninhydrin (FAL-MP-002)</li> <li>- Powder suspensions (FAL-MP-003) carbon based - black, titanium dioxide based-white</li> <li>- 1,2-Indandione (FAL-MP-002)</li> </ul>



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<p>MARKS AND IMPRESSIONS (cont'd)</p> <p>Fingermarks (cont'd)</p>	<p><u>Forensic Analysis</u> (cont'd)</p> <p>Enhancement of fingermarks, palm marks and plantar marks (cont'd)</p>	<p>Documented In-House Methods using visual and lighting enhancement techniques</p> <ul style="list-style-type: none"> <li>- Visual examination</li> <li>- White Light and filtered sources (FAL-MP-004)</li> <li>- High Intensity Light Sources (FAL-MP-006)</li> </ul> <p>Crime Lite 42s UV (<math>\lambda = 350-380\text{nm}</math>) Crime Lite 82S Blue (<math>\lambda = 420-470\text{nm}</math>), Green (<math>\lambda = 480-560\text{nm}</math>), UV (<math>\lambda = 350-380\text{nm}</math>).</p> <p>Crime Lite 80S Blue (<math>\lambda = 430-470\text{nm}</math>), Green (<math>\lambda = 500-550\text{nm}</math>), 8 x 4 Mk 2 Crimelite UV (<math>\lambda = 365\text{nm}</math>), Indigo (<math>\lambda = 410\text{nm}</math>), Blue (<math>\lambda = 445\text{nm}</math>), Blue green (<math>\lambda = 475\text{nm}</math>), Green <math>\lambda = 520\text{nm}</math>.</p> <p>Documented In-House Method for imaging and Digital Capture</p> <ul style="list-style-type: none"> <li>- Digital SLR (FAL-MP-004)</li> </ul>
<p>Developed fingerprint marks</p>	<p>Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison</p>	<p>Documented In-House methods using visual examination, low power microscopy (FAL-MP-005)</p>
<p>FIREARMS</p> <p>Ammunition</p>	<p><u>Forensic Analysis</u></p> <p>Ammunition and component identification and legal classification</p>	<p>Documented in-house method (FAL-FP-005) using :</p> <ul style="list-style-type: none"> <li>- Weighing</li> <li>- length measurement</li> <li>- use of known samples or standard reference data</li> </ul>



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FIREARMS (cont'd)  Firearms	<u>Forensic Analysis</u> (cont'd)  Firearm and firearm component part identification and legal classification (Firearms Act 1968)  Test Firing to generate test samples of ammunition for inclusion in the NABIS database  Test Firing to assess the functionality of weapons and/or ammunition  Determination of Kinetic Energy of projectiles  Range of fire determination  Trigger pull measurement	Documented in-house method (FAL-FP-004) using comparison with known samples, reference standards and publications  Documented In house method (FAL-FP-003) meeting the requirements of NABIS  Documented In house method using suspect or reference guns and ammunition  Documented in-house method (FAL-FP-001) using MSI chronograph and balance  In house method (FAL-FP-008) using test firing with appropriate weapon/ammunition combination and target material to assess range of fire. Comparison of test patterns to exhibits.  In house method (FAL-FP-009) using strain gauge force measurement device.
Electric Shock Devices	Identification, classification and function test	Documented in-house method (FAL-FP-006) using visual examination, function testing and measurement of spark gap
END		