


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>4475</b></p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Forensic Access Ltd</h3> <p>Issue No: 024 Issue date: 05 May 2021</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
BODY FLUIDS and TISSUES	<u>Forensic Testing</u>	The organisation has demonstrated adherence to the relevant requirements of the Forensic Science Regulators Code of Practice and Conduct in relation to their Forensic Activities
Any Material	<u>Forensic Analysis</u>  Searching for: <ul style="list-style-type: none"> <li>- Blood</li> <li>- Semen</li> <li>- Saliva</li> <li>-</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>
Semen	Presumptive testing for seminal fluid, via detection of: <ul style="list-style-type: none"> <li>- Acid Phosphatase</li> <li>- Choline</li> </ul>	Documented In-House Methods (FAL-BM-001, FAL-BM-011 & FAL-BM-006) using: <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>



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BODY FLUIDS and TISSUES (cont'd)	<u>Forensic Testing</u> (cont'd)	The organisation has demonstrated adherence to the relevant requirements of the Forensic Science Regulators Code of Practice and Conduct in relation to their Forensic Activities
Semen	Confirmatory testing for seminal fluid via identification of: - Spermatozoa	Documented In-House Methods (FAL-BM-004) using: - High power microscopy - Haematoxylin and Eosin staining
Saliva	Presumptive testing for saliva via detection of: - Amylase	Documented In-House Methods (FAL-BM-003) using: - Visual examination - Phadebas paper - Phadebas tube test
MARKS AND IMPRESSIONS	<u>Forensic Analysis</u>	
Footwear	Enhancement of footwear marks recovered from scenes	Documented in-house methods (FAL-MP-008-010) using: - lighting techniques (White light and filtered source) - powders - gel lifting digital capture photography
	Production of test marks from suspect footwear	Documented in house methods (FAL-MP-008-010) using - Powdering methods (static and dynamic) - Oil and powder method (dynamic).
Footwear marks (physically or image)	Assessment, comparison and evaluation of footwear with scene marks	Documented in-house methods (FAL-MP-008, FAL-MP-009) using visual examination
Footwear	<u>Opinion and Interpretation</u>	Documented In-House method (FAL-MP-011) using: - Personal experience
	The evaluation of the significance of any matching and non-matching features between the footwear scene impression and reference/control footwear marks	



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<p><b>MARKS AND IMPRESSIONS (cont'd)</b></p> <p>Fingermarks Any material which is capable of retaining friction ridge marks</p> <p>Developed fingerprint marks</p>	<p>Forensic Analysis (cont'd)</p> <p>Enhancement of fingermarks and palm marks, planter marks</p> <p>Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison</p>	<p>Documented In-House Methods using chemical enhancement and lighting 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>- Liquid Powder suspensions – carbon black, titanium dioxide (FAL-MP-003)</li> </ul> <p>Documented In-House Methods using lighting techniques</p> <ul style="list-style-type: none"> <li>- White Light and filtered sources (FAL-MP-004)</li> <li>- High Energy Light Sources (FAL-MP-006)</li> </ul> <p>Documented In-House Method for imaging and Digital Capture (FAL-MP-004)</p> <p>Documented In-House methods using visual examination, low power microscopy (FAL-MP-005)</p>
<p><b>FIREARMS</b></p> <p>Ammunition</p> <p>Firearms</p>	<p><u>Forensic Analysis</u></p> <p>Ammunition and component identification and legal classification</p> <p>Firearm and firearm component part identification and legal classification (Firearms Act 1968)</p>	<p>Documented in-house method (FAL-FP-005) using :</p> <ul style="list-style-type: none"> <li>- Weighing</li> <li>- length measurement</li> </ul> <p>use of known samples or standard reference data</p> <p>Documented in-house method (FAL-FP-004) using comparison with known samples, reference standards and publications</p>



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FIREARMS (cont'd)	<u>Forensic Analysis</u> (cont'd)  Test Firing to generate test samples of ammunition for inclusion in the NABIS database  Test Firing to generate test samples of ammunition for comparison to exhibits  Determination of Kinetic Energy of projectiles  Range of fire determination  Trigger pull measurement	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		