

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p>Accredited to ISO/IEC 17025:2005</p>	<b>Forensic Access Ltd</b>  <b>Issue No: 019    Issue date: 23 April 2019</b>	
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<b>Testing performed at the above address only</b>		

### 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>- 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>
	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-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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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	<u>Forensic Analysis</u> (cont'd) Presumptive testing for seminal fluid, via detection of: - Acid Phosphatase - Prostate Specific Antigen (PSA) - Choline	
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	<u>Forensic Analysis</u> (cont'd) Confirmatory testing for seminal fluid via identification of: - Spermatozoa	
Saliva	Presumptive testing for saliva via detection of: - Amylase	Documented In-House Methods (FAL-BM-003) using: - Visual examination - Phadebas paper - Phadebas tube test



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MARKS AND IMPRESSIONS		
Footwear	Enhancement of footwear marks recovered from scenes	Documented in-house methods (FAL-MP-008-010) using: <ul style="list-style-type: none"> <li>- lighting techniques (White light and filtered source)</li> <li>- powders</li> <li>- gel lifting</li> </ul> digital capture photography
	Production of test marks from suspect footwear	Documented in house methods (FAL-MP-008-010) using powders
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> The evaluation of the significance of any matching features between the suspect and reference/control footwear marks to determine the likelihood of the suspect mark coming from a specific footwear	Documented In-House method (FAL-MP-011) using: <ul style="list-style-type: none"> <li>- Personal experience</li> </ul>
Fingermarks Any material which is capable of retaining friction ridge marks	Enhancement of fingermarks and palm marks, planter marks	Documented In-House Methods using chemical enhancement and lighting techniques <ul style="list-style-type: none"> <li>- Cyanoacrylate (CNA) Fuming - (FAL-MP-001)</li> <li>- Basic Yellow 40 (BY40)-(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>



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<p>MARKS AND IMPRESSIONS (cont'd)</p>	<p>Forensic Analysis</p>	<p>Documented In-House Methods using lighting techniques</p> <ul style="list-style-type: none"> <li>- White Light and filtered sources (FAL-MP-006)</li> <li>- High Energy Light Sources (FAL-MP-006)</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 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>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> </ul> <p>use of known samples or standard reference data</p>
<p>Firearms</p>	<p>Firearm and firearm component part identification and legal classification (Firearms Act 1968)</p> <p>Test Firing to generate test samples of ammunition for inclusion in the NABIS database</p> <p>Test Firing to generate test samples of ammunition for comparison to exhibits</p>	<p>Documented in-house method (FAL-FP-004) using comparison with known samples, reference standards and publications</p> <p>Documented In house method (FAL-FP-003) meeting the requirements of NABIS</p> <p>Documented In house method using suspect or reference guns and ammunition</p>



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FIREARMS (cont'd)	<u>Forensic Analysis</u> (cont'd)	
	Determination of Kinetic Energy of projectiles	Documented in-house method (FAL-FP-001) using MSI chronograph and balance
	Range of fire determination	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.
	Trigger pull measurement	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		