


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>4475</b> Accredited to <b>ISO/IEC 17025:2017</b>	<b>Forensic Access Ltd</b>  <b>Issue No: 033   Issue date: 06 November 2024</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
	<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.
<b>BODY FLUIDS and TISSUES</b>  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-001, 002 and 003) 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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<b>BODY FLUIDS and TISSUES (cont'd)</b>	<u>Forensic Analysis</u> (cont'd)	
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-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>
Semen	Confirmatory testing for seminal fluid via identification of: <ul style="list-style-type: none"><li>- Spermatozoa</li></ul>	Documented In-House Methods (FAL-BM-004) using: <ul style="list-style-type: none"><li>- High power microscopy</li><li>- Haematoxylin and Eosin staining</li></ul>
Saliva	Presumptive testing for saliva via detection of: <ul style="list-style-type: none"><li>- Amylase</li></ul>	Documented In-House Methods (FAL-BM-003) using: <ul style="list-style-type: none"><li>- Visual examination</li><li>- Phadebas paper</li><li>- Phadebas tube test</li></ul>
<b>MARKS AND IMPRESSIONS</b>	<u>Forensic Analysis</u>	
Fingermarks Any material which is capable of retaining friction ridge marks	Enhancement of fingermarks, palm marks and plantar marks	Documented In-House Methods using chemical and physical enhancement techniques <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>- 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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MARKS AND IMPRESSIONS (cont'd)  Fingermarks (cont'd)	<u>Forensic Analysis</u> (cont'd)  Enhancement of fingermarks, palm marks and plantar marks (cont'd)	Documented In-House Methods using visual and lighting enhancement techniques  <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) Crime Lite 42s UV (<math>\lambda</math> =350-380nm) Blue (<math>\lambda</math> =420-470nm) Green (<math>\lambda</math> =480-560nm) Crime Lite 82S Blue (<math>\lambda</math> =420-470nm), Green (<math>\lambda</math> =480-560nm), UV (<math>\lambda</math> =350-380nm). Crime Lite 80S Blue (<math>\lambda</math> =430-470nm), Green (<math>\lambda</math> =500-550nm), 8 x 4 Mk 2 Crimelite UV (<math>\lambda</math> = 365nm), Indigo (<math>\lambda</math> = 410nm), Blue (<math>\lambda</math> = 445nm), Blue green (<math>\lambda</math> = 475nm), Green <math>\lambda</math> = 520nm.</li></ul> Documented In-House Method for imaging and Digital Capture <ul style="list-style-type: none"><li>- Digital SLR (FAL-MP-004)</li></ul>
Developed fingerprint marks	Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison	Documented In-House methods using visual examination, low power microscopy (FAL-MP-005)



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FIREARMS (cont'd)	<u>Forensic Analysis</u> (cont'd)	
Ammunition	Ammunition and component identification and legal classification	Documented in-house method (FAL-FP-005) using : <ul style="list-style-type: none"><li>- Weighing</li><li>- length measurement</li><li>- use of known samples or standard reference data</li></ul>
FIREARMS	<u>Forensic Analysis</u>	
Firearms	Firearm and firearm component part identification and legal classification (Firearms Act 1968)	Documented in-house method (FAL-FP-004) using comparison with known samples, reference standards and publications
	Test Firing to generate test samples of ammunition for inclusion in the NABIS database	Documented In house method (FAL-FP-003) meeting the requirements of NABIS
	Test Firing to assess the functionality of weapons and/or ammunition	Documented In house method using suspect or reference guns and ammunition
	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 Dead Weights.
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		