


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>6945</b> <b>Accredited to</b> <b>ISO/IEC 17025:2017</b>	<b>Chief Constable of Lancashire Constabulary</b>  <b>Issue No: 033 Issue date: 22 May 2025</b>	
	<b>Lancashire Constabulary</b> <b>Saunders Lane</b> <b>Hutton</b> <b>Preston</b> <b>Lancashire</b> <b>PR4 5SB</b>	<b>Contact: Janet Shorrock</b> <b>Tel: +44 (0)1772 416040</b> <b>E-mail: janet.shorrock@lancashire.police.uk</b>
<b>Testing performed by the Organisation at the locations specified</b>		

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details		Activity	Location code
<b>Address</b> Lancashire Constabulary Saunders Lane Hutton Preston Lancashire PR4 5SB	<b>Local contact</b> Ms Janet Shorrock Tel: +44 (0)1772 416040 E-Mail: janet.shorrock@lancashire.police.uk	Forensic Analysis	A
<b>Address</b> Blackpool Police Station Gerry Richardson Way Blackpool Lancashire FY4 4US	<b>Local contact</b> Ms Janet Shorrock Tel: +44 (0)1772 416040 E-Mail: janet.shorrock@lancashire.police.uk	Forensic Analysis	B



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
BODY FLUIDS and TISSUES	<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	
Any Material	<u>Forensic Analysis</u>		
	Searching for <ul style="list-style-type: none"> <li>- Blood</li> <li>- Semen</li> </ul>	Documented In-House method (FIU-SOP-001) using: <ul style="list-style-type: none"> <li>- Visual examination</li> <li>- Low power microscopy</li> <li>- Chemical testing (see below)</li> </ul>	A
	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>- Hairs</li> <li>- Cellular material</li> </ul>	Documented In-House method (FIU-SOP-001, 005 and 007) using: <ul style="list-style-type: none"> <li>- Cutting</li> <li>- Swabs and swabbing</li> <li>- Taping (hair only)</li> <li>- Mini-taping</li> </ul>	A
Blood	Presumptive testing for blood via detection of <ul style="list-style-type: none"> <li>- Peroxidase</li> </ul>	Documented In-House method (FIU-SOP-002) using: <ul style="list-style-type: none"> <li>- KM (Kastle Meyer)</li> </ul>	A
	<u>Related Opinions and Interpretation</u>		
Blood	Identification, interpretation and recording of blood patterns (BPA) on clothing and other items examined in the laboratory	Documented In-House method (FIU-SOP-002) using: <ul style="list-style-type: none"> <li>- Visual examination</li> <li>- Low power microscopy</li> </ul>	A
Semen	Presumptive testing for seminal fluid via detection of <ul style="list-style-type: none"> <li>- Acid Phosphatase</li> </ul>	Documented In-House method (FIU-SOP-003) using: <ul style="list-style-type: none"> <li>- Acid Phosphatase detection (AP reagent)</li> </ul>	A



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
DRUGS (and materials suspected of containing drugs)	<u>Forensic Analysis</u>		
	Legal classification of controlled drugs (Misuse of Drugs Act 1971)		
	Identification of Cannabis, cannabis resin and cannabis products	Documented In-House Method (DU-SOP-007) using: <ul style="list-style-type: none"><li>- Microscopy</li><li>- TLC</li><li>- GC-MS</li></ul>	A
	Identification of cannabis plants	Documented In-House Method (DU-SOP-007) using: <ul style="list-style-type: none"><li>- Microscopy</li><li>- TLC</li></ul>	A
	Identification of <ul style="list-style-type: none"><li>- Amphetamine</li><li>- Methamphetamine</li><li>- Cocaine</li><li>- Diamorphine</li><li>- MDA</li><li>- MDMA</li><li>- MDEA</li></ul>	Documented In-House Methods (DU-SOP-002 and DU-SOP-004) using: <ul style="list-style-type: none"><li>- Spot tests (Marquis reagent and Cobalt Thiocyanate)</li><li>- GC-MS</li></ul>	A
	Quantification of <ul style="list-style-type: none"><li>- Amphetamine</li><li>- Cocaine</li><li>- Diamorphine</li></ul>	Documented In-House Method (DU-SOP-003) using: <ul style="list-style-type: none"><li>- HPLC</li></ul>	A
	Identification of additives/diluents commonly associated with drugs <ul style="list-style-type: none"><li>- Caffeine</li><li>- Paracetamol</li></ul>	Documented In-House Method (DU-SOP-004) using: <ul style="list-style-type: none"><li>- GC-MS</li></ul>	A



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
DRUGS (cont'd) (and materials suspected of containing drugs)	Legal classification of controlled drugs (Misuse of Drugs Act 1971) (cont'd)		
	Identification of: <ul style="list-style-type: none"><li>- Diamorphine</li><li>- Cocaine</li><li>- Cocaine hydrochloride</li></ul>	Documented In-House method (DU-SOP-016) using: <ul style="list-style-type: none"><li>- FTIR</li></ul>	A
	Identification of additives and diluents commonly associated with drugs: <ul style="list-style-type: none"><li>- Creatine</li><li>- Boric acid</li><li>- Lactose</li></ul>	Documented In-House method (DU-SOP-016) using: <ul style="list-style-type: none"><li>- FTIR</li></ul>	A



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<b>MARKS AND IMPRESSIONS</b>  Fingermarks (Any material which is capable of retaining friction ridge marks)	<u>Forensic Analysis</u>  Enhancement of fingermarks, palm and plantar marks	Documented In-House Methods using chemical and physical enhancement techniques: <ul style="list-style-type: none"><li>- Ninhydrin (FEL-SOP-007)</li><li>- Cyanoacrylate (CNA) fuming with Basic Yellow 40 (BY40) - ethanol and aqueous formulations (FEL-SOP-012)</li><li>- Physical developer (FEL-SOP-008)</li><li>- Powder suspensions (FEL-SOP-011) Iron oxide based - black Titanium dioxide based - white Carbon based - black</li><li>- Acid dye treatments - ethanol formulation (FEL-SOP-010) Acid Black 1 Acid Violet 17 Acid Yellow 7</li><li>- Solvent Black 3 (FEL-SOP-009)</li><li>- Small particle reagent (FEL-SOP-017)</li><li>- 1,2-Indandione (FEL-SOP-018)</li><li>- Powdering techniques (FEL-SOP-005) Black granular powder White granular powder Black magnetic powder White magnetic powder. Aluminium Flake powder</li><li>- Lifting techniques (FEL-SOP-005) Tape Gel</li></ul>	A



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<b>MARKS AND IMPRESSIONS (cont'd)</b>  Fingermarks (Any material which is capable of retaining friction ridge marks) (cont'd)	<u>Forensic Analysis</u> (cont'd)  Enhancement of fingermarks, palm 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 (FEL-SOP-002 and 004)</li><li>- High Intensity Light Sources (FEL-SOP-002 and 004)</li><li>- Tracer Compact Laser Green (<math>\lambda = 532\text{nm}</math>)</li><li>- Crimelites ML2 UV (<math>\lambda = 350\text{-}380\text{ nm}</math>)</li><li>- Violet (<math>\lambda = 395\text{-}425\text{ nm}</math>)</li><li>- Blue (<math>\lambda = 420\text{-}470\text{ nm}</math>)</li><li>- Blue-Green (<math>\lambda = 450\text{-}510\text{ nm}</math>)</li><li>- Green (<math>\lambda = 490\text{-}560\text{ nm}</math>)</li><li>- Orange (<math>\lambda = 570\text{-}610\text{ nm}</math>)</li></ul>	A
Developed fingerprint marks	Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison	Documented In-House Methods (FEL-SOP-002 and 004) for imaging /digital capture: <ul style="list-style-type: none"><li>- Digital SLR</li></ul> Documented In-House methods (FEL-SOP-002 and 004) using: <ul style="list-style-type: none"><li>- visual examination</li></ul>	A



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FRICITION RIDGE DETAIL Finger and Palm marks (Non-Cadaver)	<u>Forensic Analysis</u>  Analysis, comparison, and evaluation of Friction Ridge Detail as outlined below for the purpose of:  <ul style="list-style-type: none"><li>- Criminal Investigation</li><li>- Elimination Databases</li></ul>		A
<u>Marks</u> <ul style="list-style-type: none"><li>- CSI/FEL Recovered Lifts from physical scenes</li><li>- CSI/FEL Photographs of marks from physical scene</li><li>- Fingerprint Enhancement Laboratory Recovered Lifts from physical items</li><li>- Fingerprint Enhancement Laboratory Photographs of marks from physical items</li></ul>	<u>Comparison with Ten Print</u> <ul style="list-style-type: none"><li>- Ink</li><li>- Powder</li><li>- Livescan</li></ul>	Documented in house procedures (FP-SOP-002) using visual manual techniques: <ul style="list-style-type: none"><li>- Fingerprint glass</li><li>- Reference collections</li><li>- Comparators (optical)</li><li>- High Quality Printer</li></ul>	A



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<p><b>FRICITION RIDGE DETAIL</b> Finger and Palm (Non-Cadaver) (cont'd)</p>	<p><u>Forensic Analysis</u> (cont'd)</p> <p>Analysis, comparison, and evaluation of Friction Ridge Detail as outlined below for the purpose of:</p> <ul style="list-style-type: none"> <li>- Criminal Investigation</li> <li>- Elimination Databases</li> </ul>		A
<p><u>Ten Prints</u></p> <ul style="list-style-type: none"> <li>- Ink</li> <li>- Powder</li> <li>- Livescan</li> </ul>	<p><u>Comparison with Marks</u></p> <ul style="list-style-type: none"> <li>- CSI/FEL Recovered Lifts from physical scenes</li> <li>- CSI/FEL Photographs of marks from physical scenes</li> <li>- Fingerprint Enhancement Laboratory Recovered Lifts from physical items</li> <li>- Fingerprint Enhancement Laboratory photographs of marks from physical items</li> </ul>	<p>Documented in house procedures (FP-SOP-002) using visual manual techniques:</p> <ul style="list-style-type: none"> <li>- Fingerprint glass</li> <li>- Reference collections</li> <li>- Comparators (optical)</li> <li>- High Quality Printer</li> </ul>	A
	<p><u>Related Opinion and Interpretation</u></p> <p>The evaluation of the significance of any matching and non-matching features between sources of friction ridge detail as outlined in the above scope of accreditation.</p>	<p>Documented In-House methods (REF DOC 340) using:</p> <ul style="list-style-type: none"> <li>- Personal experience</li> <li>- Database</li> </ul>	A





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<b>MARKS AND IMPRESSIONS</b>	<u>Forensic Analysis</u>		
Footwear	Coding of scene marks and prints taken from suspect	Documented In-House Method (FU-SOP-007) (including use of NFRC system)	A
	Coding of Custody prints taken from suspect footwear using gross features	Documented In-House Method (FU-SOP-008) (including use of NFRC system)	A
	Screening of suspect footwear by pattern type and size	Documented In-House Method (FU-SOP-001)	A
	Enhancement of footwear marks recovered from scenes	Documented in house method (FU-SOP-001) using: - lighting techniques - ESLA - gel lifting	A
	Production of test marks from suspect footwear	Documented in house method (FU-SOP-001) using: - oil and powder dusting method (dynamic) - powder (static) - biofoam 3D	A
Footwear mark (physically or image)	Assessment, Comparison and evaluation of footwear with scene marks	Documented In-House (FU-SOP-001) methods using: - visual examination	A
	<u>Related Opinion and Interpretation</u> The evaluation of the significance of any matching and non-matching features between the footwear scene impression and reference/control footwear marks	Documented In-House method (FU-SOP-001) using: - Personal experience - Databases	A
Packaging - plastic bags - clingfilm	Examination to determine the presence of striation marks and manufacturing features	Documented In-House method (DU-SOP-008) using: - visual comparison - polarised light - shadowgraph	A



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FIBRES	Recovery of fibres for contingency purposes from clothing and objects	Documented In-House method (FIU-SOP-007) using: <ul style="list-style-type: none"> <li>- visual examination</li> <li>- taping</li> </ul>	A
DIGITAL DEVICES AND DATA	<u>Forensic Analysis</u>		
Computers			
Computers and digital storage devices <ul style="list-style-type: none"> <li>- Hard disk drives</li> <li>- Solid state drives</li> <li>- Memory cards</li> <li>- USB flash drives</li> </ul>	Capture and preservation of data from storage devices	Documented in-house method(s) (DFU-SOP-003) using: <ul style="list-style-type: none"> <li>- FTK Imager</li> <li>- EnCase</li> <li>- FastBloc SE</li> <li>- Tableau T35689iu</li> <li>- Forensic UltraDock</li> <li>- MSAB MC Write-Blocker</li> <li>- UFED MC Write-Blocker</li> </ul>	A
Computers and digital storage devices <ul style="list-style-type: none"> <li>- Apple Mac-based computers</li> </ul>	Bootable capture and preservation of data	Documented in-house method(s) (DFU-SOP-003) using: <ul style="list-style-type: none"> <li>- Digital Collector</li> </ul>	A
Computers and digital storage devices <ul style="list-style-type: none"> <li>- Windows/Linux-based computers</li> </ul>	Bootable capture and preservation of data	Documented in-house method(s) (DFU-SOP-003) using: <ul style="list-style-type: none"> <li>- SPEKTOR</li> </ul>	A
Mobile Phones			
Mobile phone handsets and tablets associated with the following operating systems: <ul style="list-style-type: none"> <li>- Apple iOS</li> <li>- Android</li> <li>- Non-smartphone proprietary systems</li> </ul>	Capture and preservation of data	Documented in-house method(s) (DFU-SOP-006) using: <ul style="list-style-type: none"> <li>- XRY</li> <li>- Manual examination</li> </ul>	A,B



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<b>DIGITAL DEVICES AND DATA</b>	<u>Forensic Analysis cont'd</u>		
Mobile phone handsets and tablets associated with the following operating systems: - Non-smartphone proprietary systems	Capture and preservation of data	Documented in-house method(s) (DFU-SOP-006) using: - UFED 4PC (embedded)	A,B
Mobile phone handsets and tablets associated with the following operating systems: - Apple iOS - Android	Capture and preservation of data	Documented in-house method(s) (DFU-SOP-006) using: - Premium ES - UFED 4PC (embedded) - Inseyets	A,B
Mobile phone handsets and tablets associated with the following operating systems: - Apple iOS - Android - Non-smartphone proprietary systems	Processing of data	Documented in-house method(s) (DFU-SOP-006) using: - Physical Analyzer - XRY / XAMN	A,B
(U)SIM cards	Capture and preservation of data	Documented in-house method(s) (DFU-SOP-006) using: - UFED 4PC (embedded) - XRY	A,B
(U)SIM cards	Processing of data	Documented in-house method(s) (DFU-SOP-006) using: - Physical Analyzer - XRY / XAMN	A,B
Memory cards associated with mobile phone handsets and tablets	Capture and preservation of data	Documented in-house method(s) (DFU-SOP-006) using: - UFED 4PC (embedded) - XRY	A,B
Memory cards associated with mobile phone handsets and tablets	Processing of data	Documented in-house method(s) (DFU-SOP-006) using: - Physical Analyzer - XRY / XAMN	A,B
<b>END</b>			