


# 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>7866</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Chief Constable of West Mercia Police</h3> <p>Issue No: 039 Issue date: 01 October 2025</p>	
	<p>Headquarters Laboratory Hindlip Hall PO Box 55 Worcester WR3 8SP</p>	<p>Contact: Nick McCoy Tel: +44 (0)300 333 3000 E-Mail: ForensicComplianceUnit@westmercia.police.uk Website: www.westmerciapolice.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
<p>MARKS and IMPRESSIONS</p> <p>FINGER MARKS</p> <p>Any material capable of retaining friction ridge marks</p>	<p><u>Forensic Testing</u></p>	<p>The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 in relation to the Forensic Activities listed below.</p> <p>In addition, where compliance has been demonstrated for the related FSA specific requirements this is stated below at the relevant schedule entry.</p>
	<p><u>Forensic Analysis</u></p>	<p>The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements:</p> <ul style="list-style-type: none"> <li>Friction Ridge Detail: visualisation and enhancement</li> </ul>
	<p>Enhancement of finger marks, palm marks and plantar marks</p>	<p>Documented in-house methods using chemical and physical enhancement techniques (method numbers provided in brackets):</p> <ul style="list-style-type: none"> <li>- Cyanoacrylate (CNA) Fuming (FS-SOP-FEL-04)</li> <li>- Basic Yellow 40 (BY40) (aqueous &amp; ethanolic) (FS-SOP-FEL-05)</li> <li>- Ninhydrin (FS-SOP-FEL-03)</li> <li>- Powdering Techniques : (FS-SOP-FEL-08) aluminium flake powder, magneta flake powder black magnetic powder</li> </ul>



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<p>MARKS and IMPRESSIONS (cont'd)</p> <p>FINGER MARKS (cont'd)</p> <p>Any material capable of retaining friction ridge marks (cont'd)</p> <p>Any material capable of retaining friction ridge marks</p> <p>Developed fingerprint marks</p>	<p><u>Forensic Analysis</u> (cont'd)</p> <p>Enhancement of finger marks, palm marks and plantar marks (cont'd)</p> <p>Enhancement of finger marks, palm marks and plantar marks</p> <p>Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison</p>	<p>The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements:</p> <ul style="list-style-type: none"> <li>• Friction Ridge Detail: visualisation and enhancement</li> </ul> <p>Documented in-house methods using chemical and physical enhancement techniques (method numbers provided in brackets):</p> <ul style="list-style-type: none"> <li>- Powder Suspensions (FS-SOP-FEL-07): Carbon based - black, Titanium Dioxide based white Iron Oxide based - black</li> <li>- Physical developer (FS-SOP-FEL-15)</li> <li>- Acid dye treatments – ethanol based (FS-SOP-FEL-14) Acid black 1, Acid yellow 7</li> <li>- 1,2 – Indandione (FS-SOP-FEL-09)</li> </ul> <p>Documented in-house methods for imaging/digital capture:</p> <ul style="list-style-type: none"> <li>- Digital SLR (FS-SOP-FEL-10)</li> </ul> <p>Documented in-house methods using visual examination (FS-SOP-FEL-01, 02 and FS-WI-FEL-06)</p>



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<p><b>FRICITION RIDGE DETAIL</b></p> <p>Finger and Palm (Non-Cadaver)</p> <p><u>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 scene</li> <li>- Fingerprint Enhancement Laboratory Recovered Lifts from physical items</li> <li>- Fingerprint Enhancement Laboratory Photographs of marks from physical items</li> </ul> <p><u>Ten Prints</u></p> <ul style="list-style-type: none"> <li>- Ink</li> <li>- Powder</li> <li>- Livescan</li> </ul>	<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> <p><u>Comparison with 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 exhibits</li> </ul>	<p>Documented in house procedures utilising automated search techniques for initial screening to identify candidate items to go forward for manual comparison:</p> <ul style="list-style-type: none"> <li>- Ident 1</li> <li>- High Quality Printer</li> <li>- Computer screen</li> <li>- Reference collections</li> </ul> <p>Documented in house procedures 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> <p>Documented in house procedures utilising automated search techniques for initial screening to identify candidate items to go forward for manual comparison:</p> <ul style="list-style-type: none"> <li>- Ident 1</li> <li>- High Quality Printer</li> <li>- Computer screen</li> <li>- Reference collections</li> </ul> <p>Documented in house procedures 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>



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FRICTION RIDGE DETAIL (cont'd)  Finger and Palm (Non-Cadaver) (cont'd)	<u>Forensic Analysis</u> (cont'd)  <u>Opinion and Interpretation</u> 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.	Documented In-House methods using <ul style="list-style-type: none"> <li>- Personal experience</li> <li>- database</li> </ul>
FOOTWEAR	Coding of scene marks   Production of test marks from suspect footwear   Enhancement of marks from scenes	Documented in house method (FS-SOP-FWU-01) – <i>reference to NFRC system (National Footwear Reference Collection)</i>  Documented in house method (FS-SOP-FWU-02) using <ul style="list-style-type: none"> <li>- Dynamic Oil and Black Magnetic Powder Method</li> <li>- Static Powdering Method (Aluminium flake &amp; black granular)</li> </ul> Documented in house methods (FS-SOP-FWU-03 and -04) <ul style="list-style-type: none"> <li>- Gel lifting</li> <li>- Digital capture photography</li> </ul>
FOOTWEAR  Footwear mark (physically or image)	Screening of suspect footwear by pattern type, size, wear and feature  Assessment, Comparison and evaluation of footwear with scene marks	Documented in house method (FS-SOP-FWU-02)  Documented in house method (FS-SOP-FWU-02) using visual examination and dimensional measurements



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<p>DIGITAL DEVICES AND DATA</p> <p>Computers</p> <p>Computers and digital storage devices</p> <ul style="list-style-type: none"> <li>- Hard disk drives</li> <li>- Solid state drives</li> </ul> <p>Computers and digital storage devices</p> <ul style="list-style-type: none"> <li>- USB flash drives</li> <li>- Memory cards</li> </ul> <p>Computers and digital storage devices</p> <ul style="list-style-type: none"> <li>- Apple Mac-based computers</li> </ul> <p>Computers and digital storage devices</p> <ul style="list-style-type: none"> <li>- Windows/Linux-based computers</li> </ul> <p>Data associated with the following:</p> <ul style="list-style-type: none"> <li>- Microsoft Windows</li> <li>- macOS</li> <li>- Linux/Unix</li> </ul> <p>Data associated with the following:</p> <ul style="list-style-type: none"> <li>- Microsoft Windows</li> <li>- macOS</li> <li>- Linux/Unix</li> </ul>	<p><u>Forensic Analysis</u></p> <p>Capture and preservation of data from storage devices</p> <p>Capture and preservation of data from storage devices</p> <p>Bootable capture and preservation of data</p> <p>Bootable capture and preservation of data</p> <p>Processing of data</p> <p>Analysis of data</p> <ul style="list-style-type: none"> <li>- Keyword analysis</li> <li>- Manual Bookmarking</li> <li>- File Data Filtering</li> </ul>	<p>The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements:</p> <ul style="list-style-type: none"> <li>• Digital forensics</li> </ul> <p>Documented in-house method(s) (FS-SOP-DF-01, FS-SOP-DF-27) using:</p> <ul style="list-style-type: none"> <li>- FTK Imager</li> <li>- Tableau T35u</li> </ul> <p>Documented in-house method(s) (FS-SOP-DF-01, FS-SOP-DF-27) using:</p> <ul style="list-style-type: none"> <li>- FTK Imager</li> <li>- Tableau T8u</li> </ul> <p>Documented in-house method(s) (FS-SOP-DF-01) using:</p> <ul style="list-style-type: none"> <li>- Digital Collector</li> </ul> <p>Documented in-house method(s) (FS-SOP-DF-01) using:</p> <ul style="list-style-type: none"> <li>- Paladin</li> </ul> <p>Documented in-house method(s) (FS-SOP-DF-04) using:</p> <ul style="list-style-type: none"> <li>- AXIOM</li> <li>- X-Ways Forensics</li> </ul> <p>Documented in-house method(s) (FS-SOP-DF-04) using:</p> <ul style="list-style-type: none"> <li>- AXIOM</li> <li>- X-Ways Forensics</li> </ul>



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DIGITAL DEVICES AND DATA (cont'd)	<u>Forensic Analysis</u> (cont'd)	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements:
Mobile phones		<ul style="list-style-type: none"> <li>Digital forensics</li> </ul>
Mobile phone handsets and tablets associated with the following operating systems: <ul style="list-style-type: none"> <li>- Apple iOS</li> <li>- Apple iPadOS</li> <li>- Android</li> <li>- Non-smartphone proprietary systems</li> </ul>	Capture and Preservation of data	Documented in-house method(s) (FS-SOP-DF-19, 24) using: <ul style="list-style-type: none"> <li>- XRY</li> <li>- UFED 4PC</li> <li>- Manual examination using Digital Camera, Cellebrite Screenshot</li> </ul>
Mobile phone handsets and tablets associated with the following operating systems: <ul style="list-style-type: none"> <li>- Apple iOS</li> <li>- Apple iPadOS</li> <li>- Android</li> </ul>	Capture and Preservation of data	Documented in-house method(s) (FS-SOP-DF-07) using: <ul style="list-style-type: none"> <li>- Graykey</li> </ul>
Mobile phone handsets and tablets associated with the following operating systems: <ul style="list-style-type: none"> <li>- Apple iOS</li> <li>- Apple iPadOS</li> <li>- Android</li> <li>- Non-smartphone proprietary systems</li> </ul>	Processing of data	Documented in-house method(s) (FS-SOP-DF-24) using: <ul style="list-style-type: none"> <li>- XRY/XAMN</li> <li>- Physical Analyzer</li> </ul>
Memory cards associated with mobile phone handsets and tablets	Capture and preservation of data	Documented in-house method(s) (FS-SOP-DF-27) using: <ul style="list-style-type: none"> <li>- FTK Imager</li> <li>- Tableau T8u</li> </ul>
(U)SIM cards	Capture and preservation of data	Documented in-house method(s) (FS-SOP-DF-25) using: <ul style="list-style-type: none"> <li>- XRY</li> <li>- UFED 4PC</li> </ul>
(U)SIM cards	Processing of data	Documented in-house method(s) (FS-SOP-DF-25) using: <ul style="list-style-type: none"> <li>- XRY</li> <li>- XAMN</li> <li>- Physical Analyzer</li> </ul>



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VIDEO MULTIMEDIA RECOVERY, PROCESSING and ANALYSIS	<u>Forensic Analysis</u>	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements:
Digital Video Recorders	Capture and preservation of data - Export video (exporting files using CCTV system, copying via analogue or digital output)	<ul style="list-style-type: none"> <li>• Video processing and analysis</li> </ul> Documented in-house method(s) (FS-SOP-DF-32) using: <ul style="list-style-type: none"> <li>- Manufacturers approved method</li> </ul>
Digital Storage Devices - Hard disk drives - Solid State Drives	Capture and preservation of data - Transfer/Recovery of data	Documented in-house method(s) (FS-SOP-DF-32) using: <ul style="list-style-type: none"> <li>- DVR Examiner</li> </ul>
Digital Storage Devices - Memory cards - USB flash drives - Compact discs - Digital versatile discs	Capture and preservation of data - Imaging/Cloning of device - Transfer/Recovery of data	Documented in-house method(s) (FS-SOP-DF-32) using: <ul style="list-style-type: none"> <li>- FTK Imager</li> </ul>
Digital Images/Video	Processing of digital images/video - Production of digital stills	Documented in-house method(s) (FS-SOP-DF-32) using: <ul style="list-style-type: none"> <li>- Amped Five</li> <li>- A range of CCTV proprietary software players</li> </ul>
END		