


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>7594</b> Accredited to <b>ISO/IEC 17025:2017</b>	<b>Chief Constable of Bedfordshire Police</b>	
	<b>Issue No: 023</b>	<b>Issue date: 01 December 2021</b>
	<b>Scientific Services</b> <b>Police Headquarters</b> <b>Woburn Road</b> <b>Kempston</b> <b>Bedfordshire</b> <b>MK43 9AX</b>	<b>Contact: Mr Ashley Beaumont</b> <b>Tel: +44 (0)1480 422 224</b> <b>Fax: +44 (0)1480 422 447</b> <b>E-Mail: ashley.beaumont@cambs.pnn.police.uk</b> <b>Website: www.cambs.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	Activity
As Below	Delivery of the forensic services, listed below, through the Scientific Services Unit in collaboration with Bedfordshire Police, Hertfordshire Constabulary and Cambridgeshire Constabulary.

#### Site activities performed away from the locations listed above:

Location details	Activity	Location code
<b>Address</b> Cambridgeshire Constabulary Hinchingbrooke Park Huntingdon Cambridgeshire PE29 6NP <b>Local contact</b> Ashley Beaumont Tel : +44 (0)1480 422224 Fax: +44 (0)1480 422447 E-Mail: ashley.beaumont@cambs.pnn.police.uk Website: www.cambs.police.uk	Forensic Analysis	A
<b>Address</b> Police Headquarters Stanborough Road Welwyn Garden City Hertfordshire AL8 6XF <b>Local contact</b> Ashley Beaumont Tel : +44 (0)1480 422224 Fax: +44 (0)1480 422447 E-Mail: ashley.beaumont@cambs.pnn.police.uk Website: www.cambs.police.uk	Forensic Analysis	B
<b>Address</b> Police Headquarters Woburn Road Kempston Bedfordshire MK43 9AX <b>Local contact</b> Ashley Beaumont Tel : +44 (0)1480 422224 Fax: +44 (0)1480 422447 E-Mail: ashley.beaumont@cambs.pnn.police.uk Website: www.cambs.police.uk	Forensic Analysis	C



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Location details	Activity	Location code
<b>Address</b> Cambs Digital Forensic Unit Thorpe Wood Police Station Thorpe Wood Longthorpe Peterborough Cambridgeshire PE3 6SD	<b>Local contact</b> Ashley Beaumont Tel : +44 (0)1480 422224 Fax: +44 (0)1480 422447 E-Mail: ashley.beaumont@cambs.pnn.police.uk Website: www.cambs.police.uk	Forensic Analysis  D
<b>Address</b> Eastern Region Special Operations Unit (ERSOU)	<b>Local contact</b> Ashley Beaumont Tel : +44 (0)1480 422224 Fax: +44 (0)1480 422447 E-Mail: ashley.beaumont@cambs.pnn.police.uk Website: www.cambs.police.uk	Forensic Analysis  E



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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
<p><b>MARKS AND IMPRESSIONS</b></p> <p>Fingermarks Any material which is capable of retaining friction ridge marks</p>	<p><u>Forensic Analysis</u></p> <p>Enhancement of fingermarks and palm marks</p>	<p>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</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>- Acid Dye Treatments - ethanol based (LT SOP 08a-08c): Acid Black 1 Acid Yellow 7 Acid Violet 17</li> <li>- Cyanoacrylate (CNA) Fuming (LT SOP 01)</li> <li>- Basic Yellow 40 (BY40) ethanol based (SOP 02a-02b)</li> <li>- Ninhydrin (LT SOP 03a-03b)</li> <li>- Physical Developer (PD) (LT SOP 10a-10b)</li> <li>- 1,2-Indandione (LT SOP 21a - 21b)</li> <li>- Powder suspensions (LT SOP 05a-05b): Iron oxide based - black Carbon based - black Titanium dioxide based - white</li> <li>- Solvent Black 3 (LT SOP 09)</li> <li>- Powdering Techniques (LT SOP 04a-04c) Aluminium flake powder Black magnetic powder Black granular powder.</li> <li>- Lifting Techniques Gel Lifting (LT-SOP-019)</li> </ul>	<p>A,B</p> <p>A,B</p> <p>A,B</p> <p>A,B</p> <p>A,B</p> <p>A,B</p> <p>A,B</p> <p>A,B</p> <p>A,B</p> <p>A,B</p> <p>A,B</p>



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<p><b>MARKS AND IMPRESSIONS (cont'd)</b></p> <p>Fingermarks Any material which is capable of retaining friction ridge marks</p>	<p><u>Forensic Analysis</u> (cont'd)</p> <p>Enhancement of fingermarks and palm marks</p>	<p>Documented In-House Methods using visual and lighting enhancement techniques:</p> <ul style="list-style-type: none"> <li>- Visual examination</li> <li>- White Light and Filtered Sources (LT SOP11)</li> <li>- High Intensity Light Sources LT SOP 12 Crimelite ML LT SOP 13, and 16 as below) Crimelite 82s Blue (<math>\lambda = 420-470\text{nm}</math>), TraCER Laser <math>\lambda = 532\text{nm}</math> LIR laser <math>\lambda = 520\text{nm}</math></li> </ul>	<p>A,B</p> <p>B A,B</p>
<p>Fingermarks Any material which is capable of retaining friction ridge marks</p> <p>Developed fingerprint marks</p> <p>Fingermark and palm mark friction ridge detail</p>	<p>Enhancement of fingermarks and palm marks</p> <p>Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison</p> <p>Visual analysis, comparison and evaluation of recovered friction ridge detail with finger, thumb and palm from:</p> <ul style="list-style-type: none"> <li>- Known ink TENPRINTS</li> <li>- Known electronic TENPRINTS</li> </ul> <p><u>Opinion and Interpretation</u> The evaluation of features between Fingermark and palm mark friction ridge detail</p>	<p>Documented In-House Methods for imaging / digital capture :</p> <ul style="list-style-type: none"> <li>- GL Scan (LT SOP 19)</li> <li>- Digital SLR (LT SOP 20)</li> <li>- DCS5 Imaging (LT SOP 22)</li> </ul> <p>Documented In-House methods using visual examination, (LT SOP17)</p> <p>Documented In-House methods using visual examination, low power magnification, comparators, dimensional measurements and reference databases. (FB SOP 15.2, 15.3, 15.4 and 15.5)</p> <p>Documented In-House methods using</p> <ul style="list-style-type: none"> <li>- Personal experience</li> <li>- Database (LQP 1.8 and 1.8 (E))</li> </ul>	<p>A,B A,B A,B</p> <p>A,B</p> <p>B</p> <p>B</p>



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MARKS AND IMPRESSIONS (cont'd)	<u>Forensic Analysis</u> (cont'd)		
Footwear	Coding of scene marks and prints taken from suspect	Documented in house method (FT SOP 6.1) – <i>reference to NFRC system (National Footwear Reference Collection)</i>	C
	Coding of Custody prints taken from suspect footwear using gross features	Documented in house method (FT SOP 6.2) – <i>reference to NFRC system (National Footwear Reference Collection)</i>	C
	Screening of suspect footwear by pattern type and size	Documented in house method (FT SOP 6.3)	C
	Enhancement of footwear marks recovered from scenes	Documented in house method (FT SOP 6.1, 6.4 and 6.5) using <ul style="list-style-type: none"> <li>- lighting techniques</li> <li>- ESLA</li> <li>- gel lifting</li> <li>- gel scanning</li> <li>- powders</li> </ul>	C
	Production of test marks from suspect footwear	Documented in house method (FT SOP 6.3) using <ul style="list-style-type: none"> <li>- oil and black powder (dynamic)</li> <li>- Powdering Methods- aluminium flake and black granular (static)</li> </ul>	C
Footwear mark (physically or image)	Assessment, Comparison and evaluation of footwear with scene marks	Documented In-House method (FT SOP 6.3) using visual examination and dimensional measurements	C
	<u>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 (FT SOP 6.3) using <ul style="list-style-type: none"> <li>- Personal experience</li> <li>- Local Test Mark Collections</li> <li>- NRFC database</li> </ul>	C



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DIGITAL DEVICES AND DATA	<u>Forensic Analysis</u> (cont'd)		
Closed circuit CCTV  CCTV Systems	Recovery of CCTV footage from digital CCTV system by:  - Export video (exporting files using CCTV system, copying via digital output)  - Physical capture and preservation of data	Documented in-house method(s) (LQP 1.7 (D) FI) using: - Manual interaction with system and / or device - DVR Examiner - Export video to Optical Media and USB	B
Digital Video including CCTV footage - Compact discs - Digital versatile discs - USB flash drives - Memory cards	Production of digital stills (viewing and presentation purposes)	Documented in-house method(s) (FI-SOP-9.1) using: - Siraview - Range of CCTV proprietary software players	B
Digital Video including CCTV footage - DVD - CD - USB media Multimedia cards)	Digital video conversion ( <i>viewing and presentation purposes</i> )	Documented In-house method (FI-SOP-9.3) using: - Snagit - Siraview - Adobe Premier - Range of CCTV proprietary software players	B



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Computers	<u>Forensic Analysis</u> (cont'd)		
Computers and digital storage devices - Hard disk drives - Solid state drives - Memory cards - USB flash drives	Physical capture and preservation of data	Documented in-house method(s) (DFU SOP 12.1 Capture and Preservation of Data from Removable Media and DFU SOP 11.1 Exhibit Handling) using: - EnCase - FTK Imager - Tableau T8u - Tableau T35u	C, D, E
Mobile phones			
Mobile phone handsets and tablets associated with the following operating systems: - Google Android - Non-smartphone proprietary systems	Physical capture and preservation of data	Documented in-house method (DFU SOP 12.3) using: - UFED 4PC - XRY	C,D,E
Mobile phone handsets and tablets associated with the following operating systems: - Apple iOS - Google Android - Non-smartphone proprietary systems	Logical capture and preservation of data	Documented in-house method (DFU SOP 12.3) using: - UFED 4PC - XRY - Manual examination - 3 <sup>rd</sup> party software (Passcode interaction only)	C,D,E
	Processing of data	Documented in-house method (DFU SOP 12.3) using: - UFED Physical Analyser - XAMN	



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(U)SIM cards	Logical capture preservation of data	Documented in-house method (DFU SOP 12.3) using: - XRY	
Memory cards associated with mobile phone handsets and tablets	Physical capture and preservation of data	Documented in-house method(s) (DFU SOP 12.3) using: - FTK (DD only)	C,D,E
	Processing of data	Documented in-house method(s) (DFU SOP 12.3) using: - UFED Physical Analyser	C,D,E

END