


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 7594 Accredited to ISO/IEC 17025:2017	Chief Constable of Bedfordshire Police Issue No: 034 Issue date: 27 May 2025	
	Scientific Services Police Headquarters Woburn Road Kempston Bedfordshire MK43 9AX	Contact: Mr Stuart Brennan Tel: 01707 354100 ext. 417241 E-Mail: stuart.brennan@herts.police.uk Website: www.cambs.police.uk
Testing performed by the Organisation at the locations specified		

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
Address Cambridgeshire Constabulary Hinchbrook Park Huntingdon Cambridgeshire PE29 6NP Local contact Stuart Brennan Tel: 01707 354100 ext. 417241 E-Mail: stuart.brennan@herts.police.uk Website: www.cambs.police.uk	Forensic Analysis	A
Address Police Headquarters Stanborough Road Welwyn Garden City Hertfordshire AL8 6XF Local contact Stuart Brennan Tel: 01707 354100 ext. 417241 E-Mail: stuart.brennan@herts.police.uk Website: www.cambs.police.uk	Forensic Analysis	B
Address Police Headquarters Woburn Road Kempston Bedfordshire MK43 9AX Local contact Stuart Brennan Tel: 01707 354100 ext. 417241 E-Mail: stuart.brennan@herts.police.uk Website: www.cambs.police.uk	Forensic Analysis	C



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Location details		Activity	Location code
Address Cambs Digital Forensic Unit Thorpe Wood Police Station Thorpe Wood Longthorpe Peterborough Cambridgeshire PE3 6SD	Local contact Stuart Brennan Tel: 01707 354100 ext. 417241 E-Mail: stuart.brennan@herts.police.uk Website: www.cambs.police.uk	Forensic Analysis	D
Address Eastern Region Special Operations Unit (ERSOU)	Local contact Stuart Brennan Tel: 01707 354100 ext. 417241 E-Mail: stuart.brennan@herts.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
MARKS AND IMPRESSIONS	<u>Forensic Analysis</u>	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice in relation to the Forensic Activities listed below.	
Fingermarks Any material which is capable of retaining friction ridge marks	Enhancement of fingermarks and palm marks	<p>Documented In-House Methods using chemical and physical enhancement techniques (method numbers provided in brackets):</p> <ul style="list-style-type: none">- Acid Dye Treatments - ethanol based (LT SOP 08a-08c):<ul style="list-style-type: none">- Acid Black 1- Acid Yellow 7- Acid Violet 17- Cyanoacrylate (CNA) Fuming (LT SOP 01)- Basic Yellow 40 (BY40) ethanol based (SOP 02a-02b)- Ninhydrin (LT SOP 03a-03b)- Physical Developer (PD) (LT SOP 10a-10b)- 1,2-Indandione (LT SOP 21a - 21b)- Powder suspensions (LT SOP 05a-05b):<ul style="list-style-type: none">- Iron oxide based - black- Carbon based - black- Titanium dioxide based - white- Solvent Black 3 (LT SOP 09)- Powdering Techniques (LT SOP 04a-04c)<ul style="list-style-type: none">- Aluminium flake powder- Black magnetic powder- Black granular powder.	<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
MARKS AND IMPRESSIONS (cont'd)	<u>Forensic Analysis</u> (cont'd)		
Fingermarks Any material which is capable of retaining friction ridge marks (cont'd)	Enhancement of fingermarks and palm marks (cont'd)	<p>Documented In-House Methods using visual and lighting enhancement techniques:</p> <ul style="list-style-type: none"> - Lifting Techniques Gel Lifting (LT-SOP-019) - Visual examination - White Light and Filtered Sources (LT SOP11) - High Intensity Light Sources LT SOP 12 Crimelite ML LT SOP 13, and 16 as below) Crimelite 82s Blue ($\lambda = 420-470\text{nm}$), TraCER Laser $\lambda = 532\text{nm}$ LIR laser $\lambda = 520\text{nm}$ <p>MLD CrimeLite (LT SOP 22, 23):</p> <ul style="list-style-type: none"> - Reflective UV $\lambda = 365\text{nm}$ Capture of FRD using reflective UV imaging $\lambda = 350-380\text{ nm}$ 	<p>A, B</p> <p>A, B</p> <p>A, B</p> <p>A, B</p>
Fingermarks Any material which is capable of retaining friction ridge marks	Enhancement of fingermarks and palm marks	<p>Documented In-House Methods for imaging / digital capture :</p> <ul style="list-style-type: none"> - GL Scan (LT SOP 19) - Digital SLR (LT SOP 20) - DCS5 Imaging (LT SOP 22) 	<p>A, B</p> <p>A, B</p> <p>A, B</p>
Developed fingerprint marks	Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison	Documented In-House methods using visual examination, (LT SOP17)	A, B



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FRICITION RIDGE DETAIL Finger and Palm (Non-Cadaver)	<u>Forensic Analysis</u> (cont'd) Analysis, comparison, and evaluation of Friction Ridge Detail as outlined below for the purpose of: <ul style="list-style-type: none"> - Criminal Investigation - Elimination Databases 		B
<u>Marks</u> <ul style="list-style-type: none"> - CSI/FEL Recovered Lifts from physical scenes - CSI/FEL Photographs of marks from physical scene - CSI/FEL Digital images of marks from physical Scene - Fingerprint Enhancement Laboratory Recovered Lifts from physical items - Fingerprint Enhancement Laboratory Photographs of marks from Chem lab from physical items - Fingerprint Enhancement Laboratory Digital images of marks from physical items 	<u>Comparison with Ten Prints</u> <ul style="list-style-type: none"> - Ink - Powder - Livescan 	Documented in house procedures (FB SOP 14.1, 14.2, 15.2, 15.3, 15.4,15.5, 15.11 and 15.12) using visual manual techniques: <ul style="list-style-type: none"> - Fingerprint glass - Reference collections - Comparators (optical) - Computer screen - Mark enhancement software <ul style="list-style-type: none"> - AGX Easy-Lift - High Quality Printer 	B



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<p>FRICTION RIDGE DETAIL (cont'd)</p> <p>Finger and Palm (Non-Cadaver) (cont'd)</p> <p><u>Ten Prints</u></p> <ul style="list-style-type: none"> - Ink - Powder - Livescan 	<p><u>Forensic Analysis</u> (cont'd)</p> <p>Analysis, comparison, and evaluation of Friction Ridge Detail as outlined below for the purpose of: (cont'd)</p> <ul style="list-style-type: none"> - Criminal Investigation - Elimination Databases <p><u>Comparison with Marks</u></p> <ul style="list-style-type: none"> - CSI/FEL Recovered Lifts from physical scenes - CSI/FEL Photographs of marks from physical scene - CSI/FEL Digital images of marks from physical Scene - Fingerprint Enhancement Laboratory Recovered Lifts from physical items - Fingerprint Enhancement Laboratory Photographs of marks from Chem lab from physical items - Fingerprint Enhancement Laboratory Digital images of marks from physical items <p><u>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 procedures (FB SOP 14.1, 14.2, 15.2, 15.3, 15.4,15.5, 15.11 and 15.12) using visual manual techniques:</p> <ul style="list-style-type: none"> - Fingerprint glass - Reference collections - Comparators (optical) - Computer screen - Mark enhancement software <ul style="list-style-type: none"> - AGX Easy-Lift - High Quality Printer <p>Documented In-House methods using</p> <ul style="list-style-type: none"> - Personal experience - database 	<p>B</p> <p>B</p> <p>B</p>



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MARKS AND IMPRESSIONS	<u>Forensic Analysis</u> (cont'd)		
Footwear	Coding of scene marks	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 6.3b)	C
	Enhancement of footwear marks recovered from scenes	Documented in house method (FT SOP 6.1 and 6.6) using <ul style="list-style-type: none"> - lighting techniques - ESLA - gel lifting - gel scanning - - digital capture photography 	C
	Production of test marks from suspect footwear	Documented in house method (FT SOP 6.3a) using <ul style="list-style-type: none"> - oil and black powder (dynamic) - Powdering Methods- aluminium flake and black granular (static and dynamic) 	C
Footwear mark (physically or image)	Assessment, Comparison and evaluation of footwear with scene marks	Documented In-House method (FT SOP 6.3c) 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 6.3c) using <ul style="list-style-type: none"> - Personal experience - Local Test Mark Collections - NRFC database 	C



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
DIGITAL DEVICES AND DATA	<u>Forensic Analysis</u> (cont'd)		
Closed circuit CCTV			
Digital Video Recorders	Capture and preservation of data - Export video (exporting files using CCTV system, copying via analogue or digital output)	Documented in house method (FI-SOP-9.5) using: - Manual interaction with system and / or device - DVR Examiner - USB flash drives - Compact discs - Digital versatile discs	B
Digital Storage Devices - Hard Disk Drives - USB flash drives - Memory cards - Compact discs - Digital versatile discs	Capture and preservation of data - Transfer/Recovery of data	Documented in house method (FI-SOP-9.5) using: using: - DVR Examiner	B
Digital Images/Video	Processing of digital images/video Conversion of digital images/video - Rewrapping - Transcoding - Screen capturing	Documented in house method (FI-SOP-9.3) using: using: - Siraview - Premier - ShareX - Avanti - Amped Five - A range of CCTV proprietary software players	B
Digital Images/Video	Processing of digital images/video Production of video - Compilations - Redaction - Annotation	Documented in house method (FI-SOP-9.3) using: using: - Siraview - Premier - ShareX - Avanti - Amped Five - A range of CCTV proprietary software players	B



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DIGITAL DEVICES AND DATA (cont'd)	<u>Forensic Analysis</u> (cont'd)		
Computers			
Computers and digital storage devices <ul style="list-style-type: none"> - Hard disk drives - Solid state drives - Memory cards - USB flash drives 	Capture and preservation of data from storage devices	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: <ul style="list-style-type: none"> - EnCase - FTK Imager - Tableau T8u - Tableau T35u 	C, D, E
Mobile phones			
Mobile phone handsets associated with the following operating systems: <ul style="list-style-type: none"> - Apple iOS - Android - Non-smartphone proprietary systems 	Capture and preservation of data	Documented in-house method (DFU SOP 12.3) using: <ul style="list-style-type: none"> - UFED 4PC - XRY - Manual examination - 3rd party software (Passcode interaction only) 	D
		Documented in-house method (DFU SOP 12.3) using: <ul style="list-style-type: none"> - XRY - Manual examination using IPEVO Camera, Digital Camera - 3rd party software (Passcode interaction only) 	C, E
	Processing of data	Documented in-house method (DFU SOP 12.3) using: <ul style="list-style-type: none"> - Physical Analyser - XAMN 	C, D, E



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DIGITAL DEVICES AND DATA (cont'd)	<u>Forensic Analysis</u> (cont'd)		
Mobile phones (cont'd)			
(U)SIM cards	Capture preservation of data	Documented in-house method (DFU SOP 12.3) using: - XRY	C, D, E
Memory cards associated with mobile phone handsets and tablets	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: - Physical Analyser	C, D, E
END			