


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 7945 Accredited to ISO/IEC 17025:2017	Chief Constable of Durham Constabulary	
	Issue No: 021 Issue date: 01 April 2025	
	Durham Constabulary Workshop and Warehouse Unit 1 Whitehouse Industrial Park Traynor Way Peterlee SR8 2RT	Contact: Nicholas Graham Tel: +44 7890 422148 E-mail: Nicholas.Graham@durham.police.uk Website: www.durham.police.uk
Testing performed by the Organisation at the locations specified below		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Durham Constabulary Workshop and Warehouse Unit 1 Whitehouse Industrial Park Traynor Way Peterlee SR8 2RT Local contact: Nicholas Graham Tel: +44 7890 422148	Forensic Analysis	A
Durham Constabulary Chester Le Street Police Station Newcastle Road Chester Le Street Durham DH3 3TY Local contact: Nicholas Graham Tel: +44 7890 422148	Forensic Analysis	B
Durham Constabulary Police Headquarters Aykley Heads Durham DH1 5TT Local contact: Nicholas Graham Tel: +44 7890 422148	Forensic Analysis	C
Tactical Training Centre Urlay Nook Rd Stockton-on-Tees Durham TS16 0QB Local contact: Nicholas Graham Tel: +44 7890 422148	Forensic Analysis	D

Location	Activity
As above	Delivery of the forensic services, listed below.



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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
DIGITAL DEVICES AND DATA	Forensic Testing	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice in relation to the Forensic Activities listed below.	A,B,C,D
Computers	<u>Forensic Analysis</u>		
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	Documented in-house method(s) (SOP_010_02_DFUE) using: <ul style="list-style-type: none">- FTK Imager- Tableau T356789iu	B
Computers and digital storage devices <ul style="list-style-type: none">- Memory cards	Capture and preservation of data	Documented in-house method(s) (SOP_010_02_DFUE) using: <ul style="list-style-type: none">- UltraBlock USB3.0	B
Computers and digital storage devices <ul style="list-style-type: none">- Hard disk drives- Solid state drives	Capture and preservation of data	Documented in-house method(s) (SOP_010_01_DFUE and SOP_010_02_DFUE) using: <ul style="list-style-type: none">- WinFE	B
Mobile phones			
Mobile phone handsets and tablets associated with the following operating systems <ul style="list-style-type: none">- Apple iOS- Apple iPadOS- Android- Non-smartphone proprietary systems	Capture and preservation of data	Documented in-house method(s) (SOP_010_07_DFUE, SOP_010_08_DFUE) using: <ul style="list-style-type: none">- UFED 4PC	B



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DIGITAL DEVICES AND DATA (cont'd)	Forensic Analysis (cont'd)		
Mobile phones cont'd			
Mobile phone handsets and tablets associated with the following operating systems <ul style="list-style-type: none"> - Apple iOS - Android 	Capture and preservation of data	Documented in-house method(s) (SOP_010_07_DFU, SOP_010_08_DFU and SOP_010_09_DFU) using: <ul style="list-style-type: none"> - Graykey 	B
Mobile phone handsets and tablets associated with the following operating systems <ul style="list-style-type: none"> - Apple iOS - Apple iPadOS - Android - Non-smartphone proprietary systems 	Processing of data	Documented in-house method(s) (SOP_010_09_DFU) using: <ul style="list-style-type: none"> - Physical Analyser 	B
(U)SIM cards	Capture and preservation of data	Documented in-house method(s) (SOP_010_07_DFU, SOP_010_08_DFU) using: <ul style="list-style-type: none"> - UFED 4PC 	B
	Processing of data	Documented in-house method(s) (SOP_010_09_DFU) using: <ul style="list-style-type: none"> - Physical Analyser 	B
Memory cards associated with mobile phone handsets and tablets	Processing of data	Documented in-house method(s) (SOP_010_09_DFU) using: <ul style="list-style-type: none"> - Physical Analyser 	B



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FIREARMS	<u>Forensic Analysis</u>		
Ammunition	Ammunition and component identification and legal classification	Documented in-house (SOP_010_03_FCEL) using: <ul style="list-style-type: none">- Weighing- Length measurement- Use of known samples or standard reference data	C
Firearms	Firearm and firearm component part identification and legal classification (Firearms Act 1968)	Documented in-house (SOP_010_02_FCEL, SOP_010_05_FCEL) using: <ul style="list-style-type: none">- Comparison with known samples, reference standards and publications	C
Firearms	Test firing to assess the functionality of weapons and/or ammunition	Documented in-house (SOP_010_02_FCEL) using: <ul style="list-style-type: none">- Suspect of reference guns and ammunition	D
Firearms	Determination of Kinetic Energy of projectiles	Documented in-house (SOP_010_04_FCEL) using: <ul style="list-style-type: none">- SKAN model 10 chronograph and balance	C
Electric Shock Devices	Identification, classification and function test	Documented in-house (SOP_010_02_FCEL, SOP_010_05_FCEL) using: <ul style="list-style-type: none">- Visual examination- Function testing- Measurement of spark gap	C



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MARKS AND IMPRESSIONS	Forensic Analysis (cont'd)		
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"> - Cyanoacrylate (CNA) fuming (SOP_010_04_FEL) - Basic Yellow 40 (BY40) ethanol based and aqueous (SOP_010_08_FEL) - Ninhydrin (SOP_010_02_FEL) - - 1,2 – Indandione (SOP_010_09_FEL) - - Powder suspensions (SOP_010_06_FEL) <p>Carbon based – black Titanium dioxide based – white</p>	A
		<p>Documented In-House Methods using visual and lighting enhancement techniques (SOP_010_03_FEL and SOP_010_01_FEL)</p> <ul style="list-style-type: none"> - Visual examination - White light Crimelite 82s - High intensity light sources Crime lite 82s Blue (λ =420- 470nm) Green (λ =480- 560nm) 	A
		<p>Documented In-House Method for imaging / digital capture:</p> <ul style="list-style-type: none"> - DCS5 (SOP010_03_FEL) 	A
Developed fingerprint marks	Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison	Documented In-House method using visual examination (SOP_010_04_FEL, SOP_010_02_FEL, SOP_010_06_FEL and SOP_010_09_FEL)	A



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FRICITION RIDGE DETAIL Finger and Palm (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"> - Criminal Investigation - Elimination Databases 		A
<u>Marks</u> <ul style="list-style-type: none"> - CSI/FEL Recovered Lifts from physical scenes - CSI/FEL Photographs of marks from physical scene - Fingerprint Enhancement Laboratory Recovered Lifts from physical items - Fingerprint Enhancement Laboratory Photographs of marks from physical items 	<u>Comparison with Ten Prints</u> <ul style="list-style-type: none"> - Ink - Powder - Livescan 	Documented in house procedures using visual manual techniques (SOP_010_01_FB and SOP_010_02_FB): <ul style="list-style-type: none"> - Fingerprint glass - Reference collections - Comparators (optical) - Computer screen - High Quality Printer 	A
<u>Ten Prints</u> <ul style="list-style-type: none"> - Ink - Powder - Livescan 	<u>Comparison with Marks</u> <ul style="list-style-type: none"> - CSI/FEL Recovered Lifts from physical scenes - CSI/FEL Photographs of marks from physical scenes - Fingerprint Enhancement Laboratory Recovered Lifts from physical items - Fingerprint Enhancement Laboratory photographs of marks from physical exhibits 	Documented in house procedures using visual manual techniques (SOP_010_01_FB and SOP_010_02_FB): <ul style="list-style-type: none"> - Fingerprint glass - Reference collections - Comparators (optical) - Computer screen - High Quality Printer 	A
	<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 (SOP_010_01_FB, SOP_010_02_FB and SOP_018_FB) <ul style="list-style-type: none"> - Personal experience - database 	A



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MARKS AND IMPRESSIONS	<u>Forensic Analysis</u>		
Footwear	Coding of scene marks	Documented in house method (SOP-010-02-FIU) – <i>reference to NFRC system (National Footwear Reference Collection)</i>	A
Footwear	Coding of Custody prints taken from suspect footwear using gross features	Documented in house method (SOP-010-01-FIU) – <i>reference to NFRC system (National Footwear Reference Collection)</i>	A
Footwear	Screening of suspect footwear by pattern type,size, wear and features	Documented in house method (method ref SOP_010_03_FIU)	A
Footwear	Enhancement of footwear marks recovered from scenes	Documented in house method (method ref SOP_010_03_FIU) using: <ul style="list-style-type: none">- lighting techniques- digital capture photography- scanner	A
Footwear	Production of test marks from suspect footwear	Documented in house method (method ref SOP_010_03_FIU) using: <ul style="list-style-type: none">- Aluminium and black powder on acetates; static and dynamic	A
Footwear mark (physical or image)	Assessment, Comparison and Evaluation of footwear with scene marks	Documented In-House method (SOP_010_03_FIU) using: visual examination and dimensional measurements	A
END			