Schedule of Accreditation

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United Kingdom Accreditation Service

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

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Accredited to ISO/IEC 17025:2017

Chief Constable of Durham Constabulary

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Durham Constabulary Workshop and Warehouse
Unit 1
Whitehouse Industrial Park
Traynor Way
Peterlee
SR8 2RT

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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: Vikki Bradley Tel: +44 7890 048501	Forensic Analysis	A
Durham Constabulary Chester Le Street Police Station Newcastle Road Chester Le Street Durham DH3 3TY	Local contact: Vikki Bradley Tel: +44 7890 048501	Forensic Analysis	B
Durham Constabulary Police Headquarters Aykley Heads Durham DH1 5TT	Local contact: Vikki Bradley Tel: +44 7890 048501	Forensic Analysis	C
Tactical Training Centre Urlay Nook Rd Stockton-on-Tees Durham TS16 0QB	Local contact: Vikki Bradley Tel: +44 7890 048501	Forensic Analysis	D

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

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
	Forensic Testing	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 in relation to the Forensic Activities listed below. In addition, where compliance has been demonstrated for the related FSA specific requirements this is stated below at the relevant schedule entry.	A,B,C,D
DIGITAL DEVICES AND DATA Computers	<u>Forensic Analysis</u>	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: • Digital forensics	
Computers and digital storage devices - Hard disk drives - Solid state drives - Memory cards - USB flash drives	Capture and preservation of data from storage devices	Documented in-house method(s) (SOP_010_02_DFU) using: - FTK Imager - Tableau T356789iu	B
Computers and digital storage devices - Memory cards	Capture and preservation of data from storage devices	Documented in-house method(s) (SOP_010_02_DFU) using: - UltraBlock USB3.0	B
Computers and digital storage Devices - Windows/Linux-based computers	Bootable capture and preservation of data	Documented in-house method(s) (SOP_010_01_DFU and SOP_010_02_DFU) using: - WinFE	B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
DIGITAL DEVICES AND DATA (cont'd)	Forensic Analysis (cont'd)	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: • Digital forensics	
Mobile phones			
Mobile phone handsets and tablets associated with the following operating systems - Apple iOS - Apple iPadOS - Android - Non-smartphone proprietary systems	Capture and preservation of data	Documented in-house method(s) (SOP_010_07_DFU, SOP_010_08_DFU) using: - UFED 4PC	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) (SOP_010_07_DFU, SOP_010_08_DFU and SOP_010_09_DFU) using: - Graykey	B
Mobile phone handsets and tablets associated with the following operating systems - Apple iOS - Apple iPadOS - Android - Non-smartphone proprietary systems	Processing of data	Documented in-house method(s) (SOP_010_09_DFU) using: - 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: - UFED 4PC	B
	Processing of data	Documented in-house method(s) (SOP_010_09_DFU) using: - 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: - Physical Analyser	B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FIREARMS	Forensic Analysis		
Ammunition	Ammunition and component identification and legal classification	Documented in-house (SOP_010_03_FCEL) using: - 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: - 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: - Suspect or reference guns and ammunition	D
Firearms	Determination of Kinetic Energy of projectiles	Documented in-house (SOP_010_04_FCEL) using: - 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: - Visual examination - Function testing - Measurement of spark gap	C

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
MARKS AND IMPRESSIONS	Forensic Analysis (cont'd)	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: • Friction Ridge Detail: visualisation and enhancement	
Fingermarks Any material which is capable of retaining friction ridge marks	Enhancement of fingermarks and palm marks	Documented In-House Methods using chemical and physical enhancement techniques (method numbers provided in brackets): - 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) Carbon based – black Titanium dioxide based – white	A
		Documented In-House Methods using visual and lighting enhancement techniques (SOP_010_03_FEL and SOP_010_01_FEL) - Visual examination - White light Crimelite 82s - High intensity light sources Crime lite 82s Blue (λ =420- 470nm) Green (λ =480- 560nm)	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
MARKS AND IMPRESSIONS	Forensic Analysis (cont'd)	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: • Friction Ridge Detail: visualisation and enhancement	
Fingermarks Any material which is capable of retaining friction ridge marks	Enhancement of fingermarks and palm marks	Documented In-House Method for imaging / digital capture: - 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_01_FEL	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FRICTION 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: - Criminal Investigation - Elimination Databases		A
<u>Marks</u> - 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> - Ink - Powder - Livescan	Documented in house procedures using visual manual techniques (SOP_010_01_FB and SOP_010_02_FB): - Fingerprint glass - Reference collections - Comparators (optical) - Computer screen - High Quality Printer	A
<u>Ten Prints</u> - Ink - Powder - Livescan	<u>Comparison with Marks</u> - 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): - 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) - Personal experience - database	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
MARKS AND IMPRESSIONS	Forensic Analysis		
Footwear	Coding of scene marks	Documented in house method (SOP_010_02-FIU) – *reference to NFRC system (National Footwear Reference Collection)*	A
Footwear	Coding of Custody prints taken from suspect footwear using gross features	Documented in house method (SOP_010_01-FIU) – *reference to NFRC system (National Footwear Reference Collection*	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: - 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: - 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			