


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: 014 Issue date: 12 May 2022	
	Durham Constabulary Workshop and Warehouse Unit 1 Whitehouse Industrial Park Traynor Way Peterlee SR8 2RT	Contact: Cherie Clark Tel: +44 (0)191 375 2068 E-mail: Cherie.Clark@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: Cherie Clark Tel: +44 (0)191 375 2068	Forensic Analysis	A
Durham Constabulary Chester Le Street Police Station Newcastle Road Chester Le Street Durham DH3 3TY Local contact: Cherie Clark Tel: +44 (0)191 375 2068	Forensic Analysis	B
Durham Constabulary Police Headquarters Aykley Heads Durham DH1 5TT Local contact: Cherie Clark Tel: +44 (0)191 375 2068	Forensic Analysis	C

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 Computers Computers and digital storage devices - Hard disk drives - Solid state drives - Memory cards - USB flash drives Mobile phones Mobile phone handsets and tablets associated with the following operating systems - Android - Non-smartphone proprietary systems Mobile phone handsets and tablets associated with the following operating systems - Apple iOS - Android - Non-smartphone proprietary systems	Forensic Testing	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	A,B,C
	<u>Forensic Analysis</u>		
	Physical capture and preservation of data	Documented in-house method(s) (SOP_010_02_DII) using: - FTK Imager - Guidance Tableau T356789iu	B
	Physical capture and preservation of data	Documented in-house method(s) (SOP_010_07_DII, SOP_010_08_DII) using: - UFED 4PC	B
	Logical capture and preservation of data	Documented in-house method(s) (SOP_010_07_DII, SOP_010_08_DII) using: - UFED 4PC	B
	Processing of data	Documented in-house method(s) (SOP_010_09_DII) using: - Physical Analyser	B



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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 cont'd	<u>Forensic Analysis cont'd</u>		
Mobile phones cont'd			
(U)SIM cards	Logical capture and preservation of data	Documented in-house method(s) (SOP_010_07_DII, SOP_010_08_DII) using: - UFED 4PC	B
	Processing of data	Documented in-house method(s) (SOP_010_09_DII) using: - Physical Analyser	B
Memory cards associated with mobile phone handsets and tablets	Processing of data	Documented in-house method(s) (SOP_010_09_DII) using: - Physical Analyser	B
FIREARMS	<u>Forensic Analysis</u>		
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) 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 of reference guns and ammunition	C
Firearms	Determination of Kinetic Energy of projectiles	Documented in-house (SOP_010_04_FCEL) using: - SKAN model 10 chronograph and balance -	C



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used	Location Code
FIREARMS cont'd Electric Shock Devices	<u>Forensic Analysis cont'd</u> Identification, classification and function test	Documented in-house (SOP_010_02_FCEL) using: <ul style="list-style-type: none"> - Visual examination - Function testing - Measurement of spark gap 	C
MARKS AND IMPRESSIONS 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): <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) 	A
		Documented In-House Methods using visual and lighting enhancement techniques (SOP_010_03_FEL and SOP_010_01_FEL) <ul style="list-style-type: none"> - Visual examination - White light Crimelite 82s - High intensity light sources Crime lite 82s Blue ($\lambda = 420- 470\text{nm}$) 	A
		Documented In-House Method for imaging / digital capture: <ul style="list-style-type: none"> - DCS4 (SOP010_03_FEL) - DCS5 (SOP010_03_FEL) 	A



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MARKS AND IMPRESSIONS cont'd	<u>Forensic Analysis cont'd</u>		
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 and SOP_010_02_FEL)	A
Images of fingermark and palm mark friction ridge detail	Visual analysis, comparison and evaluation of recovered friction ridge detail with finger, thumb and palm from: <ul style="list-style-type: none"> Known inked Tenprint sets Known electronic tenprint sets Recovered lifts 	Documented in-house methods using visual examination, low power magnification, comparators, dimensional measurements and reference database (SOP-010-01-FB)	A
Footwear	<u>Opinion and Interpretation</u> The evaluation of features between fingermark and palm mark friction ridge detail	Documented in-house methods using: <ul style="list-style-type: none"> Personal experience Databases 	A
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	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



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MARKS AND IMPRESSIONS cont'd	<u>Forensic Analysis cont'd</u>		
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			