Schedule of Accreditation

issued by

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 Merseyside Police

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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
Address Rose Hill (Annex) 15 Cazneau Liverpool L3 3AN	**Local contact**: Stephanie Yoxall Tel: +44 (0) 151 7771374 E-Mail: Stephanie.Yoxall@merseyside.police.uk	Head Office and Forensic Analysis	A
Address Confidential	**Local contact**: Stephanie Yoxall Tel: +44 (0) 151 7771460 E-Mail: Stephanie.Yoxall@merseyside.police.uk	Forensic Analysis	C
Address Operation Command Centre Speke Liverpool L24 8DA	**Local contact**: Stephanie Yoxall Tel: +44 (0) 151 7771460 E-Mail: Stephanie.Yoxall@merseyside.police.uk	Forensic Analysis	D
Address St Annes Police Station St Annes Liverpool L3 3HJ	**Local contact**: Stephanie Yoxall Tel: +44 (0) 151 7771460 E-Mail: Stephanie.Yoxall@merseyside.police.uk	Forensic Analysis	E

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
		The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice in relation to the Forensic Activities listed below.	A, C, D, E
BODY FLUIDS and TISSUES	<u>Forensic Analysis</u>		
Any non-porous material	Recovery and preparation, including for contingency purposes, for subsequent DNA analysis by an ISO/IEC 17025 accredited laboratory of the following from searched materials: - Cellular material	Documented In-House Methods using TERF-SOP-10: Swabs and swabbing	A
DIGITAL DEVICES AND DATA	<u>Forensic Analysis</u>		
Computers			
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) (DFU-SOP-4) using: - X-Ways Forensics - FTK Imager - Tableau TX1 - T35u - T8u	D
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) (DFU-SOP-7) using: - XRY - UFED 4PC - Manual examination using UFED Camera and Screenshot	D

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
DIGITAL DEVICES AND DATA (Cont'd) Mobile Phones	Forensic Analysis (cont'd)		
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) (DFU-SOP-7) using: - XRY/XAMN - Physical Analyzer	D
(U)SIM cards	Capture and preservation of data	Documented in-house method(s) (DFU-SOP-7) using: - UFED 4PC	D
	Processing of data	Documented in-house method(s) (DFU-SOP-7) using: - Physical Analyzer	D
Memory cards associated with mobile phone handsets and tablets	Capture and preservation of data	Documented in-house method(s) (DFU-SOP-7 using: - UFED 4PC	D
	Processing of data	Documented in-house method(s) (DFU-SOP-7) using: - Physical Analyzer	D

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FIREARMS	Forensic Analysis (cont'd)		
Ammunition	Ammunition and component identification and legal classification	Documented In house method (FEU-SOP-3) 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 method (FEU-SOP-2) using : - Weighing - length measurement - use of known samples or standard reference data	C
	Trigger pull measurement	In house method (FEU-SOP-11) using: Dead Weights	C
	Determination of Kinetic Energy of projectiles	Documented In house method (FEU-SOP-4) using SKAN model 09 chronograph and balance	C
	Determination of Kinetic Energy of projectiles	Documented In house method (FEU-SOP-4) using SYDOR chronograph and balance	C
	Test Firing to assess the functionality of weapons and/or ammunition	Documented In house method (FEU-SOP-2) using suspect or reference guns and ammunition Savage snail bullet trap	C
Electrical Shock Devices	Identification, classification and function test	Documented In house method (FEU-SOP-6) using visual examination, function testing and 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)		
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) - Ninhydrin (FEL-SOP-3) - Cyanoacrylate (CNA) fuming with ethanol and water based Basic Yellow 40 (BY40) (FEL-SOP-2) - Indandione (FEL-SOP-40) - Acid Dye Treatments, ethanol based (FEL-SOP-6): Acid Black 1, Acid Violet 17 Acid Yellow 7 - Physical Developer (FEL-SOP-9)	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
MARKS AND IMPRESSIONS (cont'd)	Forensic Analysis (cont'd)		
Fingermarks Any material which is capable of retaining friction ridge marks (cont'd)	Enhancement of fingermarks and palm marks	Documented In-House Methods using chemical and physical enhancement techniques:	A
		- Powder suspensions (FEL- SOP-4): Carbon based -black Iron Oxide based - black Titanium dioxide based -white	A
		- Powdering Techniques (FEL-SOP-10) Black and white granular powder, Black and white granular magnetic powder	A
		Documented In-House Methods using visual and lighting techniques (FEL-SOP-11 and FEL-SOP-17) - Visual Examination - White light - crimelite - High Intensity Light Sources - Crimelite 80S Blue (λ =420-470nm) - Crimelite 82S Blue (λ =420-470nm) Green (λ =480-560nm)	A
		Documented In-House Methods for imaging / digital capture - DCS5 with UV, IR and reflectance modes (FEL SOP32)	A
Developed fingerprint marks	Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison	Documented In-House Methods using lighting techniques (FEL-SOP-11)	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FRICTION RIDGE DETAIL	Forensic Analysis (cont'd)		
Finger and Palm (Non-Cadaver)	Analysis, comparison, and evaluation of Friction Ridge Detail as outlined below for the purpose of: - Criminal Investigation - Elimination Databases		E
Marks - 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	Comparison with Ten Prints - Ink - Powder - Livescan	Documented in house procedures (FPT-SOP-2, 3, 4, 6) using visual manual techniques: - Fingerprint glass - Reference collections - Comparators (optical) - High Quality Printer	E
Ten Prints - Ink - Powder - Livescan	Comparison with Marks - 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 (FPT-SOP-2, 3, 4, 6) using visual manual techniques: - Fingerprint glass - Reference collections - Comparators (optical) - High Quality Printer	E
	Opinion and Interpretation 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 (FPT-SOP-2, 3, 4, 6) using - Personal experience - database	E

END