Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

7888

Accredited to ISO/IEC 17025:2017

Chief Constable of Essex Police

Issue No: 047 **Issue date:** 28 October 2026

Force Forensic Laboratory
Essex Police Headquarters
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Testing performed by the Organisation at the locations specified

Locations covered by the organisation and their relevant activities

Location details		Activity	Location code
Address Essex Police Headquarters Sandford Road Chelmsford Essex CM1 6DN	**Local contact** Contact: Tamzin Squirrell E-Mail: Tamzin.Squirrell@essex.police.uk **Local contact** Contact: Andrew Marbrow E-Mail: Andrew.Marbrow@essex.police.uk	**Forensic Analysis:** DNA Recovery Digital Forensics	A
Address Durham House Durham Road Laindon Basildon Essex SS15 6PH	**Local contact** Contact: Madeline Bayer E-Mail: madeline.bayer@essex.police.uk **Local contact** Contact: Paul Rowe E-Mail: Paul.Rowe@essex.police.uk	**Forensic Analysis:** Fingerprint Enhancement Fingerprint Comparison	B
Address Colchester Police Station 10 Southway Colchester Essex CO3 3BU	**Local contact** Contact: Andrew Marbrow E-Mail: Andrew.Marbrow@essex.police.uk	**Forensic Analysis:** Digital Forensics	D
Address Southend Police Station Victoria Avenue Southend-on-Sea Essex SS2 6ES	**Local contact** Contact: Andrew Marbrow E-Mail: Andrew.Marbrow@essex.police.uk	**Forensic Analysis:** Digital Forensics	F
Address Harlow Police Station The High Harlow Essex CM20 1HG	**Local contact** Contact: Andrew Marbrow E-Mail: Andrew.Marbrow@essex.police.uk	**Forensic Analysis:** Digital Forensics	G

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Testing performed by the Organisation at the locations specified

Location details		Activity	Location code
Address Ashford Police Station Church Road Ashford Kent TN23 1BT	**Local contact** Contact: Chris Elmore E-Mail: Christopher.Elmore@kent.police.uk	**Forensic Analysis:** Digital Forensics	H

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, D, F, G, H
BODY FLUIDS and TISSUES	Forensic Testing	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: • Human DNA examination and analysis	
Any Material	Searching for: - Blood	Documented In-House Methods (SOPDNA004) using: - visual examination - white light - lower power microscopy - chemical testing (see below)	A
	Recovery and preparation, including for contingency purposes, for subsequent DNA analysis by an ISO/IEC 17025 accredited laboratory of the following from searched materials: - Blood - Cellular Material	Documented In-House Methods using: - Cutting (SOPDNA001b) - swabs and swabbing (SOPDNA001a, 002)	A
Blood	Presumptive testing for Blood via detection of: - Peroxidase	Documented In-House Methods (SOPDNA005) using: - KM (Kastle Meyer)	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
MARKS AND IMPRESSIONS	Forensic Testing (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, palm marks and plantar marks	Documented In-House Methods using chemical and physical enhancement techniques (method numbers provided in brackets): - Acid Dye Treatments (water/ethanol/acetic acid formulation) (SOPCEL007): Acid Black 1 Acid Violet 17 Acid Yellow 7 - Cyanoacrylate (CNA) Fuming (SOPCEL002) - Basic Yellow 40 (BY40) (ethanolic) (SOPCEL009)	B
Fingermarks Any material which is capable of retaining friction ridge marks	Enhancement of fingermarks, palm marks and plantar marks	Documented In-House Methods using chemical and physical enhancement techniques: - Ninhydrin (SOPCEL004) - Powder Suspensions (SOPCEL006): Iron Oxide based – black Carbon based - black, Titanium dioxide based - white - Powdering Techniques (SOPCEL008): black granular powder aluminium flake powder black magnetic powder - Physical Developer (SOPCEL005) - 1,2 – Indandione (SOPCEL049)	B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
MARKS AND IMPRESSIONS (cont'd)	Forensic Testing (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 (cont'd)
	Enhancement of fingermarks, palm marks and plantar marks (cont'd)	Documented In-House Methods using visual and lighting enhancement techniques
		- Visual examination
		- White Light (SOPCEL017)
		- High Intensity Light Sources (SOPCEL025 / 026 / 027)
		  - LED
		  UV (λ=350-380nm)
		  Blue (λ=420-470nm)
		  Green (λ=480-560nm)
		  - Laser
		  Green (λ=532nm)
			B

		Documented In-House Methods for imaging / digital capture (SOPCEL030 / 046 / 047) - DCS5 (SOPCEL030) - Digital SLR (SOPCEL046 / 047)	B
Developed fingerprint marks	Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison	Documented In-House methods using visual examination (SOPCEL018)	B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
MARKS AND IMPRESSIONS (cont'd)	Forensic Testing (cont'd)	The organisation has demonstrated compliance with the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: Friction Ridge Detail: Comparison	
FRICTION RIDGE DETAIL COMPARISON			
Friction Ridge Detail: - Lifts - Images - Images of the friction ridge skin	Direct comparison of person(s) of interest	Documented in house manual ACE-V procedure, utilising: - Fingerprint glass - Comparators (optical) - Computer screen - High Quality Printer - Store & Forward Printer - Enhancement, and scaling of photographs of the Friction Ridge skin to facilitate the subsequent manual analysis, comparisons, and evaluation using: - PaintShop Pro	B
	Opinion and Interpretation The analysis, comparison and evaluation of the significance of agreement and disagreement between friction ridge detail to determine whether they are from the same or different source.	Documented In-House methods using - Professional experience - database	B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
DIGITAL DEVICES AND DATA Computers	Forensic Testing (cont'd)	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: • Digital forensics	
Computers and digital storage devices - Windows/Linux-based computers	Bootable capture and preservation of data.	Documented in-house method(s) (SOPDFU002, 044, 062) using - Digital Evidence Investigator	A, H
Computers and digital storage devices - Apple Mac-based computers	Bootable capture and preservation of data.	Documented in-house method(s) (SOPDFU002, 044, 062) using - Digital Collector	A, H
Computers and digital storage devices - Hard disk drives - Solid state drives	Capture and preservation of data from storage devices	Documented in-house method(s) (SOPDFU002, 25) using: - FTK Imager - EnCase - X-Ways Forensics - Tableau TD3 - Tableau TX1 - Tableau T4 - Tableau T35u - ACES LE Software writeblocker - Tableau TX2	A, H
Computers and digital storage devices - Memory cards	Capture and preservation of data from storage devices	Documented in-house method(s) (SOPDFU002, 25) using: - FTK Imager - EnCase - X-Ways Forensics - ACES LE Software writeblocker	A, H

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
DIGITAL DEVICES AND DATA (cont'd) Computers (cont'd)	Forensic Testing (cont'd)	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: • Digital forensics	
Computers and digital storage devices - USB flash drives	Capture and preservation of data from storage devices	Documented in-house method(s) (SOPDFU002, 25) using: - FTK Imager - EnCase - X-Ways Forensics - Tableau TD3 - Tableau TX1 - Tableau T8u - Tableau T8 (inc R2) - ACES LE Software writeblocker - Tableau TX2	A, H
Computers and digital storage devices - M.2 SSD	Capture and preservation of data from storage devices	Documented in-house method(s) (SOPDFU002, 025) using: - FTK Imager - EnCase - X-Ways Forensics - Tableau TX-1 - Tableau T7u - Tableau TX2	A, H
Data associated with the following: - Microsoft Windows - macOS	Processing of data	Documented in-house method(s) (SOPDFU060, AXIOM Guidance,) using: - AXIOM	A, H
Data associated with the following: - Microsoft Windows - macOS	Processing of data	Documented in-house method(s) (SOPDFU060, X-Ways Guidance) using - X-Ways Forensics	A, H

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
DIGITAL DEVICES AND DATA (cont'd) Computers (cont'd)	<u>Forensic Testing</u> (cont'd)	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: • Digital forensics	
Data associated with computers and digital storage devices	Automated processing of data	Documented in-house method (SOPDFU060, AUTOMATE Guidance) using: - AUTOMATE with AXIOM	A, H
Data associated with the following: - Microsoft Windows - macOS	Analysis of data - Keyword Analysis - File Data Filtering - Database Analysis Manual bookmarking - Date/Timelining - Application Analysis	Documented in-house method(s) (SOPDFU060, AXIOM Guidance, X-Ways Guidance) using: - AXIOM - X-Ways Forensics	A, H
Data associated with the following: - Hard disk drives - Solid state drives - Memory cards - USB flash drives	Screening of digital media for the following: - Digital Images - Digital video - Emails - Documents - Web history - Keywords	Documented in-house method(s) (SOPDFU002, SOPDFU064) using - Digital Evidence Investigator (Windows only)	A, H

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 Testing (cont'd)	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: • Digital forensics	
Mobile phone handsets and tablets associated with the following operating systems: - Apple iOS - Android	Capture and preservation of data	Documented in-house method(s) (SOPDFU031) using - Graykey	D, F, G
Mobile phone handsets and tablets associated with the following operating systems: - Apple iOS - Android - Non-smartphone proprietary systems	Capture and preservation of data	Documented in-house method(s) (SOPDFU031) using - XRY - Inseyets	D, F, G
Data associated with the following operating systems: - Apple iOS - Android - Non-smartphone proprietary systems	Processing of data	Documented in-house method(s) (SOPDFU031) using - XRY/XAMN - Physical Analyzer	D, F, G
Data associated with the following operating systems: - Apple iOS - Android	Analysis of data - Keyword analysis - Date/Timelining - Manual bookmarking - File Data Filtering - Database Analysis	Documented in-house method(s) (SOPDFU031) using - XAMN - Physical Analyzer	D, F, G
Data associated with the following operating systems: - Non-smartphone - proprietary systems	Analysis of data - Keyword analysis - Date/Timelining - Manual bookmarking - File Data Filtering	Documented in-house method(s) (SOPDFU031) using: - XAMN - Physical Analyzer	D, F, G

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 Testing (cont'd)		
Mobile phones (cont'd)		The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: • Digital forensics	
(U)SIM cards	Capture and preservation of data	Documented in-house method(s) (SOPDFU031) using XRY - Inseyets	D, F, G
(U)SIM cards	Processing of data	Documented in-house method(s) (SOPDFU031) using - XRY/XAMN - Physical Analyzer	D, F, G
(U)SIM cards	Analysis of data - Keyword analysis - Date/Timelining - Manual bookmarking	Documented in-house method(s) (SOPDFU031) using - XAMN - Physical Analyzer	D, F, G
Memory cards and associated mobile phone handsets and tablets	Capture and preservation of data	Documented in-house method(s) (SOPDFU031) using - XRY - Inseyets	D, F, G
Memory cards and associated mobile phone handsets and tablets	Processing of data	Documented in-house method(s) (SOPDFU031) using - XRY/XAMN - Physical Analyzer	D, F, G

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 Testing (cont'd)		
Mobile phones (cont'd)		The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: • Digital forensics	
Memory cards and associated mobile phone handsets and tablets	Analysis of data - Keyword analysis - Date/Timelining - Manual bookmarking	Documented in-house method(s) (SOPDFU031) using - XAMN - Physical Analyzer	D, F, G
END			