


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING</p> <p>7888</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Chief Constable of Essex Police</h3> <p>Issue No: 045 Issue date: 12 May 2026</p>	
	<p>Force Forensic Laboratory Essex Police Headquarters PO Box 2 Springfield Chelmsford CM2 6DA</p>	<p>Contact: Robin Mitchell Tel: +44 (0)1622 690690 E-Mail: robin.mitchell@kent.police.uk Website: www.kent.police.uk</p>
<p>Testing performed by the Organisation at the locations specified</p>		

Locations covered by the organisation and their relevant activities

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



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Location details	Activity	Location code
<p>Address Ashford Police Station Church Road Ashford Kent TN23 1BT</p> <p>Local contact Contact: Chris Elmore E-Mail: Christopher.elmore@kent.police.uk Tel: +44 (0)1622 654733</p>	<p>Forensic Analysis: Digital Forensics</p>	<p>H</p>



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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
BODY FLUIDS and TISSUES	<u>Forensic Testing</u>	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
	<u>Forensic Testing</u>	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: <ul style="list-style-type: none"> 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



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
MARKS AND IMPRESSIONS	<u>Forensic Testing</u> (cont'd)	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: <ul style="list-style-type: none"> 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): <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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



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<p>MARKS AND IMPRESSIONS (cont'd)</p> <p>Fingermarks Any material which is capable of retaining friction ridge marks (cont'd)</p>	<p><u>Forensic Testing</u> (cont'd)</p> <p>Enhancement of fingermarks, palm marks and plantar marks (cont'd)</p>	<p>The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements:</p> <ul style="list-style-type: none"> • Friction Ridge Detail: visualisation and enhancement <p>Documented In-House Methods using visual and lighting enhancement techniques</p> <ul style="list-style-type: none"> - Visual examination - White Light (SOPCEL017) - High Intensity Light Sources (SOPCEL025 / 026 / 027) <ul style="list-style-type: none"> - Crime-Lite 82S UV ($\lambda=350-380\text{nm}$) Blue ($\lambda=420-470\text{nm}$) Green ($\lambda=480-560\text{nm}$) - Laser Green ($\lambda=532\text{nm}$) - Crimelite ML Blue ($\lambda =420-470\text{nm}$) <p>Documented In-House Methods for imaging / digital capture (SOPCEL030 / 046 / 047)</p> <ul style="list-style-type: none"> - DCS5 (SOPCEL030) - Digital SLR (SOPCEL046 / 047) 	<p>B</p> <p>B</p>
<p>Developed fingerprint marks</p>	<p>Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison</p>	<p>Documented In-House methods using visual examination (SOPCEL018)</p>	<p>B</p>



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<p>MARKS AND IMPRESSIONS (cont'd)</p> <p>FRICION RIDGE DETAIL</p> <p>Finger and Palm (Non-Cadaver)</p>	<p><u>Forensic Testing</u> (cont'd)</p> <p>Analysis, comparison, and evaluation of Friction Ridge Detail as outlined below for the purpose of:</p> <ul style="list-style-type: none"> - Criminal Investigation - Elimination Databases 		B
<p><u>Marks</u></p> <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 Chem lab from physical items - Fingerprint Enhancement Laboratory Digital images of marks from Chem lab from physical items 	<p><u>Comparison with Ten Prints</u></p> <ul style="list-style-type: none"> - Ink - Powder - Livescan 	<p>Documented in house procedures using visual manual techniques:</p> <ul style="list-style-type: none"> - Fingerprint glass - Reference collections - Comparators (optical) - High Quality Printer 	B
<p><u>Ten Prints</u></p> <ul style="list-style-type: none"> - Ink - Powder - Livescan 	<p><u>Comparison with Marks</u></p> <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 - Fingerprint Enhancement Laboratory digital images of marks from physical exhibits 	<p>Documented in house procedures using visual manual techniques:</p> <ul style="list-style-type: none"> - Fingerprint glass - Reference collections - Comparators (optical) - High Quality Printer 	B



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MARKS AND IMPRESSIONS (cont'd)	<u>Forensic Testing</u> (cont'd)		
FRICITION RIDGE DETAIL (cont'd)			
Finger and Palm (Non-Cadaver)	Assessment, enhancement, and scaling of digital 3D Friction Ridge Detail (finger and palms) to facilitate the subsequent manual analysis, comparisons, and evaluation of Friction Ridge Detail with known electronic/ink ten prints	Documented in-house method (SOPHUB006C) and the following equipment: - PaintShop Pro - Databases - High Quality Printer - Computer Screen	B
Plantar (Non-Cadaver)	Analysis, comparison, and evaluation of Friction Ridge Detail as outlined below for the purpose of: - Criminal Investigation - Elimination Databases		B
<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 Chem lab from physical items	<u>Comparison with Reference Prints</u> - Ink - Powder	Documented in house procedures using visual manual techniques: - Fingerprint glass - Reference collections - Comparators (optical) - Computer screen - High Quality Printer	B
FRICITION RIDGE DETAIL			
Finger, Palm and Plantar (Non-Cadaver)	<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 - Personal experience - database	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	<u>Forensic Testing</u> (cont'd)	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements:	
Computers		<ul style="list-style-type: none"> Digital forensics 	
Computers and digital storage devices <ul style="list-style-type: none"> Windows/Linux-based computers 	Bootable capture and preservation of data.	Documented in-house method(s) (SOPDFU002, 044, 062) using <ul style="list-style-type: none"> Paladin Digital Evidence Investigator FTK Imager Lite 	A, H
Computers and digital storage devices <ul style="list-style-type: none"> Apple Mac-based computers 	Bootable capture and preservation of data.	Documented in-house method(s) (SOPDFU002, 044, 062) using <ul style="list-style-type: none"> Digital Collector 	A, H
Computers and digital storage devices <ul style="list-style-type: none"> Hard disk drives Solid state drives 	Capture and preservation of data from storage devices	Documented in-house method(s) (SOPDFU002, 25) using: <ul style="list-style-type: none"> FTK Imager EnCase X-Ways Forensics Tableau TD3 Tableau TX1 Tableau T4 Tableau T35u Tableau T35es (inc R2) ACES LE Software writeblocker 	A, H
Computers and digital storage devices <ul style="list-style-type: none"> Memory cards 	Capture and preservation of data from storage devices	Documented in-house method(s) (SOPDFU002, 25) using: <ul style="list-style-type: none"> FTK Imager EnCase X-Ways Forensics ACES LE Software writeblocker 	A, H



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DIGITAL DEVICES AND DATA (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:	
Computers (cont'd)		<ul style="list-style-type: none"> Digital forensics 	
Computers and digital storage devices <ul style="list-style-type: none"> USB flash drives 	Capture and preservation of data from storage devices	Documented in-house method(s) (SOPDFU002, 25) using: <ul style="list-style-type: none"> FTK Imager EnCase X-Ways Forensics Tableau TD3 Tableau TX1 Tableau T8u Tableau T8 (inc R2) ACES LE Software writeblocker 	A, H
Computers and digital storage devices <ul style="list-style-type: none"> M.2 SSD 	Capture and preservation of data from storage devices	Documented in-house method(s) (SOPDFU002, 025) using: <ul style="list-style-type: none"> FTK Imager EnCase X-Ways Forensics Tableau TD3 Tableau TX-1 Tableau T7u 	A, H
Data associated with the following: <ul style="list-style-type: none"> Microsoft Windows macOS 	Processing of data	Documented in-house method(s) (SOPDFU060, AXIOM Guidance,) using: <ul style="list-style-type: none"> AXIOM 	A, H
Data associated with the following: <ul style="list-style-type: none"> Microsoft Windows macOS 	Processing of data	Documented in-house method(s) (SOPDFU060, X-Ways Guidance) using <ul style="list-style-type: none"> X-Ways Forensics 	A, H



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DIGITAL DEVICES AND DATA (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:	
Computers (cont'd)		<ul style="list-style-type: none"> Digital forensics 	
Data associated with computers and digital storage devices	Automated processing of data	Documented in-house method (SOPDFU060, AUTOMATE Guidance) using:	A, H
		<ul style="list-style-type: none"> AUTOMATE with AXIOM 	
Data associated with the following:	Analysis of data	Documented in-house method(s) (SOPDFU060, AXIOM Guidance, X-Ways Guidance) using:	A, H
<ul style="list-style-type: none"> Microsoft Windows macOS 	<ul style="list-style-type: none"> Keyword Analysis File Data Filtering Database Analysis 	<ul style="list-style-type: none"> AXIOM X-Ways Forensics 	
Data associated with the following:	Analysis of data	Documented in-house method(s) (SOPDFU060, AXIOM Guidance, X-Ways Guidance) using:	A, H
<ul style="list-style-type: none"> Microsoft Windows MacOS 	<ul style="list-style-type: none"> Manual bookmarking Date/Timelining Application Analysis 	<ul style="list-style-type: none"> X-Ways AXIOM 	
Data associated with the following:	Screening of digital media for the following:	Documented in-house method(s) (SOPDFU002, SOPDFU064) using	A, H
<ul style="list-style-type: none"> Hard disk drives Solid state drives Memory cards USB flash drives 	<ul style="list-style-type: none"> Digital Images Digital video Emails Documents Web history Keywords 	<ul style="list-style-type: none"> Digital Evidence Investigator (Windows only) 	



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DIGITAL DEVICES AND DATA (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:	
Mobile phones		<ul style="list-style-type: none"> Digital forensics 	
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) (SOPDFU031) using <ul style="list-style-type: none"> - Graykey 	D, F, G
Mobile phone handsets and tablets associated with the following operating systems: <ul style="list-style-type: none"> - Apple iOS - Android - Non-smartphone proprietary systems 	Capture and preservation of data	Documented in-house method(s) (SOPDFU031) using <ul style="list-style-type: none"> - XRY - Inseyets 	D, F, G
Data associated with the following operating systems: <ul style="list-style-type: none"> - Apple iOS - Android - Non-smartphone proprietary systems 	Processing of data	Documented in-house method(s) (SOPDFU031) using <ul style="list-style-type: none"> - XRY/XAMN - Physical Analyzer 	D, F, G
Data associated with the following operating systems: <ul style="list-style-type: none"> - Apple iOS - Android - Non-smartphone proprietary systems 	Analysis of data <ul style="list-style-type: none"> - Keyword analysis - Date/Timelining - Manual bookmarking - File Data Filtering - Database Analysis 	Documented in-house method(s) (SOPDFU031) using <ul style="list-style-type: none"> - XAMN - Physical Analyzer 	F, G



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DIGITAL DEVICES AND DATA (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:	
Mobile phones (cont'd)		<ul style="list-style-type: none"> • Digital forensics 	
Data associated with the following operating systems:	Analysis of data	Documented in-house method(s) (SOPDFU031) using	D
<ul style="list-style-type: none"> - Apple iOS - Android 	<ul style="list-style-type: none"> - Keyword analysis - Date/Timelining - Manual bookmarking - File Data Filtering - Database Analysis 	<ul style="list-style-type: none"> - XAMN - Physical Analyzer 	
Data associated with the following operating systems:	Analysis of data	Documented in-house method(s) (SOPDFU031) using	D
<ul style="list-style-type: none"> - Non-smartphone proprietary systems 	<ul style="list-style-type: none"> - Keyword analysis - Date/Timelining - Manual bookmarking - File Data Filtering 	<ul style="list-style-type: none"> - XAMN - Physical Analyzer 	
(U)SIM cards	Capture and preservation of data	Documented in-house method(s) (SOPDFU031) using	D, F, G
		<ul style="list-style-type: none"> - XRY - Inseyets 	
(U)SIM cards	Processing of data	Documented in-house method(s) (SOPDFU031) using	D, F, G
		<ul style="list-style-type: none"> - XRY/XAMN - Physical Analyzer 	
(U)SIM cards	Analysis of data	Documented in-house method(s) (SOPDFU031) using	D, F, G
	<ul style="list-style-type: none"> - Keyword analysis - Date/Timelining - Manual bookmarking 	<ul style="list-style-type: none"> - XAMN - Physical Analyzer 	



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DIGITAL DEVICES AND DATA (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:	
Mobile phones (cont'd)		<ul style="list-style-type: none"> • Digital forensics 	
Memory cards and associated mobile phone handsets and tablets	Capture and preservation of data	Documented in-house method(s) (SOPDFU031) using <ul style="list-style-type: none"> - XRY - Inseyets 	D, F, G
Memory cards and associated mobile phone handsets and tablets	Processing of data	Documented in-house method(s) (SOPDFU031) using <ul style="list-style-type: none"> - XRY/XAMN - Physical Analyzer 	D, F, G
Memory cards and associated mobile phone handsets and tablets	Analysis of data <ul style="list-style-type: none"> - Keyword analysis - Date/Timelining - Manual bookmarking 	Documented in-house method(s) (SOPDFU031) using <ul style="list-style-type: none"> - XAMN - Physical Analyzer 	D, F, G
END			