Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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Accredited to ISO/IEC 17025:2017

Chief Constable of Gloucestershire Constabulary

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Gloucestershire Constabulary
Forensic Services
County Police Headquarters
No.1 Waterwells
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Testing performed by the Organisation at the locations specified

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity	Location code
Address	**Local contact**	**Forensic Analysis:**	
Gloucestershire Constabulary Forensic Services County Police Headquarters No.1 Waterwells Waterwells Drive Quedgeley Gloucester GL2 2AN	Contact: Elizabeth Holland Tel: +44 (0)1452 752042 Email: Elizabeth.holland@gloucestershire.police.uk Website: www.gloucestershire.police.uk	Fingerprint Comparison	A
	Contact: Elizabeth Holland Tel: +44 (0)1452 752042 Email: Elizabeth.holland@gloucestershire.police.uk Website: www.gloucestershire.police.uk	Fingerprint Enhancement	
Address	**Local contact**	**Forensic Analysis:**	
Prism House Davy Way Quedgeley Gloucester Gloucestershire GL2 2AD	Contact: Elizabeth Holland Tel: +44 (0)1452 752042 Email: Elizabeth.holland@gloucestershire.police.uk Website: www.gloucestershire.police.uk	Digital Forensics	B

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
	<u>Forensic Analysis</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
MARKS AND IMPRESSIONS	<u>Forensic Analysis/Examination</u>	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:
		- Ninhydrin (CDL SOP 3)
		- Cyanoacrylate (CNA) fuming + ethanol based BY40 + Black magnetic powder (CDL SOP 1)
		- Indandione (CDL SOP 14)
		- Acid Dye Treatments all ethanol based (CDL SOP 8):
		  - Acid Black 1,
		  - Acid Violet 17,
		  - Acid Yellow 7
			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/Examination (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 (cont'd)	Documented In-House Methods using chemical and physical enhancement techniques:
		- Vacuum Metal Deposition (Gold/Zinc) (CDL SOP 7)
		- Physical Developer (CDL-SOP13)
		- Powder suspensions (CDL SOP 6):
		  - Carbon based -black
		  - Iron Oxide based-black
		  - Titanium dioxide based - white	

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 Method using visual and lighting techniques (CDL SOP 4) - Visual examination - White light and filtered sources - High Intensity Light sources CrimeLite ML: Blue (λ = 430-470nm) Green (λ = 490-560nm)	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/Examination (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	
Any material which is capable of retaining friction ridge marks (cont'd)	Enhancement of fingermarks, palm marks and plantar marks (cont'd)	CrimeLite ML2: Blue (λ = 420-470nm) Green (λ = 490-560nm) Crime Lite 82s: UV (λ = 350-380nm) white & filtered (λ = 400-700nm); blue (λ = 420-470nm) blue/green (λ = 445-510nm) green (λ = 480-560nm); orange (λ = 570-610nm) MLD CrimeLite: Reflective UVA λ= 365 nm Reflective IR λ = 850 nm Documented In-House Method for imaging / digital capture (CDL SOP 11) - DCS5 including UV, IR and reflectance modes	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 (CDL SOP 4)	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FRICTION RIDGE DETAIL COMPARISON	<u>Forensic Analysis</u>	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: Friction Ridge Detail: Comparison	
Friction Ridge Detail - Lifts - Images	Searching of FRD	Documented in-house procedure (FAB-SOP5) utilising automated search techniques for initial screening to identify candidate items to go forward for manual comparison using: - Ident 1 - High Quality printer - Store & Forward printer - Computer screen	A
Friction Ridge Detail - Lifts - Images	Direct comparison of person(s) of interest	Documented in house manual ACE-V procedure, utilising: - Fingerprint glass - Comparators (optical) - High Quality Printer - Store & Forward Printer	A
	<u>Opinion and Interpretation</u> 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	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
DIGITAL DEVICES AND DATA Computers	Forensic Analysis	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) (DFU SOP 01 and DFU-SOP-03) using: - FTK Imager - Tableau T356789iu - T8u - T35u	B
Computers and digital storage devices - M.2	Capture and preservation of data from storage devices	Documented in-house method(s) (DFU-SOP-01 and DFU-SOP-03 using: - FTK Imager - Tableau T356789iu	B
Data associated with the following: - Microsoft Windows - MacOS	Processing of data	Documented in-house method(s) (DFU-SOP-01 and DFU-SOP-03 using: - Axiom	B
END			