Schedule of Accreditation

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Accredited to ISO/IEC 17025:2017

Chief Constable of Staffordshire Police

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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
	Forensic Analysis	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.
MARKS AND IMPRESSIONS	Forensic Analysis	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	Documented In-House Methods using chemical and physical enhancement techniques (method numbers provided in brackets) - Cyanoacrylate (CNA) Fuming (TP-084) - Basic Yellow 40 (BY40) ethanol based and aqueous (TP-084) - 1,8-Diazafluoren-9-one (DFO) (TP-006) - Ninhydrin (TP-009) - Powder Suspensions (TP-085) Iron oxide based - black Titanium dioxide based - white Carbon based - black

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
MARKS AND IMPRESSIONS (cont'd)		
Fingermarks Any material which is capable of retaining friction ridge marks	Enhancement of fingermarks (cont'd)	Documented In-House Methods using chemical and physical enhancement techniques (method numbers provided in brackets) - Physical developer (TP-240) - Acid dye treatments – ethanol based (TP-242) Acid yellow 7 Acid violet 17 Acid black 1 - Powdering Techniques (TP-249): Aluminium flake powder Black granular powder Black magnetic powder Natural Powder 2
Fingermarks Any material which is capable of retaining friction ridge marks (cont'd)	Enhancement of fingermarks (cont'd)	Documented In-House Methods using visual and lighting enhancement techniques: - Visual Examination (TP011) - White Light (TP-011) - High Intensity Light Sources (TP-011) - LED Violet (λ =395-425nm), Blue (λ =420-470nm), Blue/green (λ =450-510nm), Green (λ =490-560nm) - LED MLD: UV (350-380nm) IR (780nm) Documented In-House Methods for imaging / digital capture (GP-030) - DCS5 - Photocopying - DCS5 with UV (λ =350-380nm), IR (λ =780nm) and reflectance modes

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
	Forensic Analysis (cont'd)	
MARKS AND IMPRESSIONS (cont'd)	Enhancement of fingermarks (cont'd)	
Developed fingerprint marks	Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison	Documented In-House methods (TP008) using visual examination
FRICTION RIDGE DETAIL COMPARISON	Forensic Analysis (cont'd)	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	Direct comparison of person(s) of interest	Documented in house manual ACE-V procedure (TP-470 and TP-244), utilising: - Fingerprint glass - Comparators (optical) - High Quality Printer - Store & Forward Printer
	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 (TP-470 and TP-244) using - Personal experience - Database

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
DIGITAL DEVICES AND DATA Computers		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) (SPF-TP-313) using: - FTK Imager - X-Ways Forensics - Tableau T8u - Tableau T35u (HDD and SSD only)
Data associated with the following: Microsoft Windows	Processing of data	Documented in-house method(s) (SPF-TP-378) using: - X-Ways Forensics - Axiom - LASERi-X - Semantics 21 X-tension
Data associated with the following: Microsoft Windows	Analysis of data - Keyword Analysis - Date/Timelining - Manual Bookmarking - File Data Filtering - Application Analysis	Documented in-house method(s) (SPF-TP-378) using: - X-Ways Forensics

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
DIGITAL DEVICES AND DATA (cont'd)	Forensic Analysis (cont'd)	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: • Digital forensics
Data associated with the following: Microsoft Windows	Analysis of data - Keyword Analysis - Date/Timelining - Manual Bookmarking - File Data Filtering - Database Analysis - Application Analysis	Documented in-house method(s) (SPF-TP-378) using: - Axiom
Data associated with the following: Microsoft Windows Mobile phones	Analysis of data - Manual Bookmarking - File Data Filtering	Documented in-house method(s) (SPF-TP-378) using: - Laseri-X
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) (SPF-TP-376) using: - XRY - UFED 4PC - Manual examination using iPevo Camera and Visualizer
Mobile phone handsets and tablets associated with the following operating systems: - Apple iOS - Android - Non-smartphone proprietary systems	Processing of data	Documented in-house method(s) (SPF-TP-376) using: - XRY/XAMN - Inseyets
Memory cards associated with mobile phone handsets and tablets	Capture and preservation of data Processing of data	Documented in-house method(s) (SPF-TP-376) using: - FTK Imager Documented in-house method(s) (SPF-TP-376) using: - XRY/XAMN

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
DIGITAL DEVICES AND DATA (cont'd)	Forensic Analysis (cont'd)	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: • Digital forensics
Mobile phones (cont'd)		
(U)SIM cards	Capture and preservation of data	Documented in-house method(s) (SPF-TP-376) using: - UFED 4PC
	Processing of data	Documented in-house method(s) (SPF-TP-376) using: - Inseyets
END		