


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>7866</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Chief Constable of West Mercia Police</h3> <p>Issue No: 040 Issue date: 30 April 2026</p>	
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<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>MARKS and IMPRESSIONS</p> <p>FINGER MARKS</p> <p>Any material capable of retaining friction ridge marks</p>	<p><u>Forensic Testing</u></p>	<p>The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 in relation to the Forensic Activities listed below.</p> <p>In addition, where compliance has been demonstrated for the related FSA specific requirements this is stated below at the relevant schedule entry.</p>
	<p><u>Forensic Testing</u></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>Enhancement of finger marks, palm marks and plantar marks</p>	<p>Documented in-house methods using chemical and physical enhancement techniques (method numbers provided in brackets):</p> <ul style="list-style-type: none"> - Cyanoacrylate (CNA) Fuming (FS-SOP-FEL-04) - Basic Yellow 40 (BY40) (aqueous & ethanolic) (FS-SOP-FEL-05) - Ninhydrin (FS-SOP-FEL-03) - Powdering Techniques (FS-SOP-FEL-08): Aluminium flake powder Magneta flake powder Black magnetic powder



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<p>MARKS and IMPRESSIONS (cont'd)</p> <p>FINGER MARKS (cont'd)</p> <p>Any material capable of retaining friction ridge marks (cont'd)</p> <p>Any material capable of retaining friction ridge marks</p>	<p><u>Forensic Testing</u> (cont'd)</p> <p>Enhancement of finger marks, palm marks and plantar marks (cont'd)</p> <p>Enhancement of finger marks, palm marks and plantar marks</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 chemical and physical enhancement techniques (method numbers provided in brackets):</p> <ul style="list-style-type: none"> - Powder Suspensions (FS-SOP-FEL-07): Carbon based - black Titanium Dioxide based - white Iron Oxide based - black - Physical developer (FS-SOP-FEL-15) - Acid dye treatments – ethanol based (FS-SOP-FEL-14): Acid black 1 Acid yellow 7 - 1,2 – Indandione (FS-SOP-FEL-09) <p>Documented in-house methods using visual and lighting enhancement techniques:</p> <ul style="list-style-type: none"> - Visual examination - White Light LED (FS-SOP-FEL-01) - High Intensity Light Sources (FS-SOP-FEL-02): LED UV ($\lambda = 350-480\text{nm}$) Violet ($\lambda = 395-425\text{nm}$) Blue ($\lambda = 420-470\text{nm}$) Blue/green ($\lambda = 450-510\text{nm}$), Green ($\lambda = 490-560\text{nm}$) Orange ($\lambda = 570-610\text{nm}$) Red ($\lambda = 600-650\text{nm}$) Green ($\lambda = 480-560\text{nm}$) Blue ($\lambda = 430-470\text{nm}$) Green ($\lambda = 500-550\text{nm}$)



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<p>MARKS and IMPRESSIONS (cont'd)</p> <p>FINGER MARKS (cont'd)</p> <p>Any material capable of retaining friction ridge marks</p> <p>Developed fingerprint marks</p>	<p><u>Forensic Testing</u> (cont'd)</p> <p>Enhancement of finger marks, palm marks and plantar marks</p> <p>Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison</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 for imaging/digital capture:</p> <ul style="list-style-type: none"> - Digital SLR (FS-SOP-FEL-10) <p>Documented in-house methods using visual examination (FS-SOP-FEL-01, 02 and FS-WI-FEL-06)</p>
<p>FRICITION RIDGE DETAIL</p> <p>Finger and Palm (Non-Cadaver)</p> <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 scenes - Fingerprint Enhancement Laboratory Recovered lifts from physical items - Fingerprint Enhancement Laboratory Photographs of marks from physical items 	<p><u>Forensic Testing</u></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 <p><u>Comparison with Ten Prints</u></p> <ul style="list-style-type: none"> - Ink - Powder - Livescan 	<p>Documented in-house procedures utilising automated search techniques for initial screening to identify candidate items to go forward for manual comparison:</p> <ul style="list-style-type: none"> - Ident 1 - High Quality printer - Computer screen - Reference collections - Digital workflow: Digital Fingerprint Capability (DFC) <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 - Digital workflow: Digital Fingerprint Capability (DFC)



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<p>FRICITION RIDGE DETAIL (cont'd)</p> <p><u>Ten Prints</u></p> <ul style="list-style-type: none"> - Ink - Powder - Livescan <p>Finger and Palm (Non-Cadaver) (cont'd)</p>	<p><u>Forensic Testing</u> (cont'd)</p> <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 <p><u>Opinion and Interpretation</u></p> <p>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.</p>	<p>Documented in-house procedures utilising automated search techniques for initial screening to identify candidate items to go forward for manual comparison:</p> <ul style="list-style-type: none"> - Ident 1 - High Quality printer - Computer screen - Reference collections - Digital workflow: Digital Fingerprint Capability (DFC) <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 - Digital workflow: Digital Fingerprint Capability (DFC) <p>Documented in-house methods using:</p> <ul style="list-style-type: none"> - Personal experience - Database
<p>FOOTWEAR</p> <p>Footwear</p>	<p><u>Forensic Testing</u></p> <p>Coding of scene marks</p> <p>Production of test marks from suspect footwear</p>	<p>Documented in-house method (FS-SOP-FWU-01) – <i>reference to NFRC system (National Footwear Reference Collection)</i></p> <p>Documented in-house method (FS-SOP-FWU-02) using:</p> <ul style="list-style-type: none"> - Dynamic oil and black magnetic powder method - Static powdering method (aluminium flake & black granular)



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<p>FOOTWEAR (cont'd)</p> <p>Footwear (cont'd)</p> <p>Footwear mark (physically or image)</p>	<p><u>Forensic Testing</u> (cont'd)</p> <p>Enhancement of marks from scenes</p> <p>Screening of suspect footwear by pattern type, size, wear and feature</p> <p>Assessment, comparison and evaluation of footwear with scene marks</p>	<p>Documented in-house methods (FS-SOP-FWU-03 and -04) using:</p> <ul style="list-style-type: none"> - Gel lifting - Digital capture photography <p>Documented in-house method (FS-SOP-FWU-02)</p> <p>Documented in-house method (FS-SOP-FWU-02) using visual examination and dimensional measurements</p>
<p>DIGITAL DEVICES AND DATA</p> <p>Computers</p> <p>Computers and digital storage devices</p> <ul style="list-style-type: none"> - Hard disk drives - Solid state drives <p>Computers and digital storage devices</p> <ul style="list-style-type: none"> - USB flash drives - Memory cards <p>Computers and digital storage devices</p> <ul style="list-style-type: none"> - Apple Mac-based computers <p>Computers and digital storage devices</p> <ul style="list-style-type: none"> - Windows/Linux-based computers 	<p><u>Forensic Testing</u></p> <p>Capture and preservation of data from storage devices</p> <p>Capture and preservation of data from storage devices</p> <p>Bootable capture and preservation of data</p> <p>Bootable capture and preservation of data</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"> • Digital forensics <p>Documented in-house method(s) (FS-SOP-DF-01, FS-SOP-DF-27) using:</p> <ul style="list-style-type: none"> - FTK Imager - Tableau T35u <p>Documented in-house method(s) (FS-SOP-DF-01, FS-SOP-DF-27) using:</p> <ul style="list-style-type: none"> - FTK Imager - Tableau T8u <p>Documented in-house method(s) (FS-SOP-DF-01) using:</p> <ul style="list-style-type: none"> - Digital Collector <p>Documented in-house method(s) (FS-SOP-DF-01) using:</p> <ul style="list-style-type: none"> - Paladin



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<p>DIGITAL DEVICES AND DATA (cont'd)</p> <p>Computers (cont'd)</p> <p>Data associated with the following:</p> <ul style="list-style-type: none"> - Microsoft Windows - macOS - Linux/Unix <p>Data associated with the following:</p> <ul style="list-style-type: none"> - Microsoft Windows - macOS - Linux/Unix <p>Mobile phones</p> <p>Mobile phone handsets and tablets associated with the following operating systems:</p> <ul style="list-style-type: none"> - Apple iOS - Apple iPadOS - Android - Non-smartphone proprietary systems <p>Mobile phone handsets and tablets associated with the following operating systems:</p> <ul style="list-style-type: none"> - Apple iOS - Apple iPadOS - Android <p>Mobile phone handsets and tablets associated with the following operating systems:</p> <ul style="list-style-type: none"> - Apple iOS - Apple iPadOS - Android - Non-smartphone proprietary systems 	<p><u>Forensic Testing</u> (cont'd)</p> <p>Processing of data</p> <p>Analysis of data</p> <ul style="list-style-type: none"> - Keyword analysis - Manual Bookmarking - File Data Filtering <p>Capture and preservation of data</p> <p>Capture and preservation of data</p> <p>Processing of data</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"> • Digital forensics <p>Documented in-house method(s) (FS-SOP-DF-04) using:</p> <ul style="list-style-type: none"> - AXIOM - X-Ways Forensics <p>Documented in-house method(s) (FS-SOP-DF-04) using:</p> <ul style="list-style-type: none"> - AXIOM - X-Ways Forensics <p>Documented in-house method(s) (FS-SOP-DF-19, 24) using:</p> <ul style="list-style-type: none"> - XRY - UFED 4PC - Manual examination using Digital Camera, Cellebrite Screenshot <p>Documented in-house method(s) (FS-SOP-DF-07) using:</p> <ul style="list-style-type: none"> - GrayKey <p>Documented in-house method(s) (FS-SOP-DF-24) using:</p> <ul style="list-style-type: none"> - XRY/XAMN - Physical Analyzer



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DIGITAL DEVICES AND DATA (cont'd) Mobile phones (cont'd) Memory cards associated with mobile phone handsets and tablets (U)SIM cards (U)SIM cards	<u>Forensic Testing</u> (cont'd) Capture and preservation of data Capture and preservation of data Processing of data	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: <ul style="list-style-type: none"> Digital forensics Documented in-house method(s) (FS-SOP-DF-27) using: <ul style="list-style-type: none"> FTK Imager Tableau T8u Documented in-house method(s) (FS-SOP-DF-25) using: <ul style="list-style-type: none"> XRY UFED 4PC Documented in-house method(s) (FS-SOP-DF-25) using: <ul style="list-style-type: none"> XRY XAMN Physical Analyzer
VIDEO MULTIMEDIA RECOVERY, PROCESSING and ANALYSIS Digital Video Recorders Digital Storage Devices <ul style="list-style-type: none"> Hard disk drives Solid State Drives Digital Storage Devices <ul style="list-style-type: none"> Memory cards USB flash drives Compact discs Digital versatile discs 	<u>Forensic Testing</u> Capture and preservation of data <ul style="list-style-type: none"> Export video (exporting files using CCTV system, copying via analogue or digital output) Capture and preservation of data <ul style="list-style-type: none"> Transfer/Recovery of data Capture and preservation of data <ul style="list-style-type: none"> Imaging/Cloning of device Transfer/Recovery of data 	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: <ul style="list-style-type: none"> Video processing and analysis Documented in-house method(s) (FS-SOP-DF-32) using: <ul style="list-style-type: none"> Manufacturers approved method Documented in-house method(s) (FS-SOP-DF-32) using: <ul style="list-style-type: none"> DVR Examiner Documented in-house method(s) (FS-SOP-DF-32) using: <ul style="list-style-type: none"> FTK Imager



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VIDEO MULTIMEDIA RECOVERY, PROCESSING and ANALYSIS (cont'd) Digital Images/Video	<u>Forensic Testing</u> (cont'd) Processing of digital images/video - Production of digital stills	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: <ul style="list-style-type: none"> • Video processing and analysis Documented in-house method(s) (FS-SOP-DF-32) using: <ul style="list-style-type: none"> - Amped Five - A range of CCTV proprietary software players
END		