


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 7737 Accredited to ISO/IEC 17025:2017	Chief Constable of West Yorkshire Police Issue No: 038 Issue date: 21 May 2025	
	West Yorkshire Police Sir Alec Jefferys Building Peel Avenue Calder Park Wakefield WF2 7UA	Contact: Mr Garry Boucher Tel: No Commercial Enquiries E-Mail: No Commercial Enquiries
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
Sir Alec Jefferys Building Peel Avenue Calder Park Wakefield WF2 7UA	Local contact: Mr. Garry Boucher Tel: No Commercial Enquiries Email: No Commercial Enquiries Head Office and Forensic Analysis	A
Trafalgar House Police Station 58 Nelson Street Bradford BD5 0DZ	Local contact: Mr. Garry Boucher Tel: No Commercial Enquiries Email: No Commercial Enquiries Forensic Analysis	B
Havertop Police Station Havertop Lane Wakefield WF6 1FD	Local contact: Mr. Garry Boucher Tel: No Commercial Enquiries Email: No Commercial Enquiries Forensic Analysis	C
Elland Road Police Station Elland Road Leeds LS11 8BU	Local contact: Mr. Garry Boucher Tel: No Commercial Enquiries Email: No Commercial Enquiries Forensic Analysis	D

Location	Activity
As above	Delivery of the forensic services, listed below, through the Yorkshire and the Humber Regional Scientific Support Services (YatH RSSS) and Regional Digital Forensic Unit (RDFU) in collaboration with West Yorkshire Police, North Yorkshire Police, South Yorkshire Police and Humberside Police



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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 Analysis</u>	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice in relation to the Forensic Activities listed below.	A, B, C, D
Any Material	Searching for: <ul style="list-style-type: none">- Blood	Documented in-house method (RSSS_QM_DRL_01) using: <ul style="list-style-type: none">- Visual examination- Low power microscopy	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: <ul style="list-style-type: none">- Blood- Cellular Material	Documented in-house method (RSS_QM_DRL_01) using: <ul style="list-style-type: none">- Cutting- Swabs and swabbing- Mini-taping	A
Blood	Presumptive testing for Blood via detection of: <ul style="list-style-type: none">- Peroxidase	Documented in-house method (RSSS_QM_DRL_01) using: <ul style="list-style-type: none">- Visual examination- LMG (Leucomalachite Green)	A



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DIGITAL FORENSICS	<u>Forensic Analysis</u> (cont'd)		
Digital Storage Devices - Hard disk drives - Solid state drives - Memory cards - USB flash drives - Compact discs - Digital versatile discs	Capture and preservation of data - Transfer/Recovery of data	Documented in-house method (RSSS_QM_IU_01) using: - Teracopy - Nero Platinum Suite	A
Digital Images/Video	Processing of digital images/video: Production of digital stills	Documented in-house method (RSSS_QM_IU_01) using: - A range of CCTV proprietary software players - Snipping Tool - Amped FIVE	A
Digital Images/Video	Processing of digital images/video: Conversion of digital images/video - Rewrapping - Transcoding - Screen capturing	Documented in-house method (RSSS_QM_IU_01) using: - A range of CCTV proprietary software players - Amped FIVE - Windows Media Player - VLC Media Player - Camtasia - Nero Platinum Suite	A
Digital Images/Video	Processing of digital images/video Enhancement of digital images/video - Single image processing - Image sequence/video processing	Documented in-house method (RSSS_QM_IU_01) using: - Amped FIVE	A
Digital Images/Video	Processing of digital images/video Production of video - Compilations	Documented in-house method (RSSS_QM_IU_01) using: - Nero Platinum Suite - Camtasia	A



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
DIGITAL FORENSICS (cont'd)	<u>Forensic Analysis</u> (cont'd)		
Computers (WYP DFU)			
Computers and digital storage devices <ul style="list-style-type: none"> - Hard disk drives - Solid state drives - Memory cards - USB flash drives 	Capture and preservation of data from storage devices	Documented in-house method(s) (RSSS_QM_DFU_01) using: <ul style="list-style-type: none"> - X-Ways Forensics - Tableau TX1 - Tableau T35u - Tableau T8u - USB Write Protector 	A
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) (RSS_QM_DFU_01) using: <ul style="list-style-type: none"> - Tableau TX1 - X-Ways Forensics 	A
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) (RSSS_QM_DFU_01) using: <ul style="list-style-type: none"> - Digital Collector 	A
Data associated with the following: <ul style="list-style-type: none"> - Microsoft Windows - macOS 	Processing of data	Documented in-house method(s) (RSSS_QM_DFU_01) using: <ul style="list-style-type: none"> - AXIOM - Griffeye Analyze - X-Ways Forensics - VFC - VMWare - FTK Imager (mount only) 	A, B, C, D
Data associated with the following: <ul style="list-style-type: none"> - Microsoft Windows 	Automated processing of data	Documented in-house method(s) (RSSS_QM_DFU_01) using: <ul style="list-style-type: none"> - Automate with AXIOM, X-Ways Forensics and Griffeye Analyze 	A, B, C, D
Data associated with the following: <ul style="list-style-type: none"> - Microsoft Windows 	Automated analysis of data <ul style="list-style-type: none"> - Keyword analysis - Date Timelining - Manual Bookmarking - Database analysis. - Application analysis 	Documented in-house method(s) (RSSS_QM_DFU_01) using: <ul style="list-style-type: none"> - Automate with AXIOM, X-Ways Forensics and Griffeye Analyze 	A



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DIGITAL FORENSICS (cont'd)	<u>Forensic Analysis</u> (cont'd)		
Computers (WYP DFU) (cont'd)			
Data associated with the following: - Microsoft Windows - macOS	Analysis of data - Keyword Analysis - Date/Timelining - Manual Bookmarking - File Data Filtering - Database Analysis - Application Analysis	Documented in-house method(s) (RSSS_QM_DFU_01) using: - AXIOM - X-Ways Forensics	A, B, C, D
Data associated with the following: - Microsoft Windows - macOS	Analysis of data - Keyword Analysis - Date/Timelining - Manual Bookmarking - File Data Filtering - Database Analysis	Documented in-house method(s) (RSSS_QM_DFU_01) using: - Griffeye Analyze	A, B, C, D
Data associated with the following: - Microsoft Windows - macOS	Analysis of data - Keyword Analysis - Application Analysis	Documented in-house method(s) (RSSS_QM_DFU_01) using: - VFC	A, B, C, D
Mobile phones			
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) (RSSS_QM_DFU_01) using: - XRY - Physical Analyzer - Manual examination using Digital Camera - UFED 4PC	A
Mobile phone handsets and tablets associated with the following operating systems: - Apple iPadOS	Capture and preservation of data	Documented in-house method(s) (RSSS_QM_DFU_01) using: - XRY - Manual examination using Digital Camera - UFED 4PC	A



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
DIGITAL FORENSICS (cont'd)	Forensic Analysis (cont'd)		
Mobile phones (cont'd)			
Mobile phone handsets and tablets associated with the following operating systems: - Apple iOS - Apple iPadOS - Android - Non-smartphone proprietary systems	Capture and preservation of data	Documented in-house method(s) (RSSS_QM_DFU_01) using: - XRY - Manual examination using Digital Camera - UFED 4PC	B, C, D
Mobile phone handsets and tablets associated with the following operating systems: - Apple iOS - Apple iPadOS - Android	Capture and preservation of data	Documented in-house method(s) (RSSS_QM_DFU_01) using: - Graykey - Cellebrite Premium ES	A
Mobile phone handsets and tablets associated with the following operating systems: - Apple iOS - Apple iPadOS - Android	Capture and preservation of data	Documented in-house method(s) (RSSS_QM_DFU_01) using: - Cellebrite Premium ES	B, C, D
Mobile phone handsets and tablets associated with the following operating systems: - Apple iOS - Apple iPadOS - Non-smartphone proprietary systems	Processing of data	- Documented in-house method(s) (RSSS_QM_DFU_01) using: - XRY/XAMN - Physical Analyzer - Axiom	A, B, C, D



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DIGITAL FORENSICS (cont'd)	Forensic Analysis (cont'd)		
Mobile phones (cont'd)			
Mobile phone handsets and tablets associated with the following operating systems: - Apple iOS - Apple iPadOS - Android - Non-smartphone proprietary systems	Processing of data	Documented in-house method(s) (RSSS_QM_DFU_01) using: - Griffeye	B, C, D
Mobile phone handsets and tablets associated with the following operating systems: - Apple iOS - Apple iPadOS - Android - Non-smartphone proprietary systems	Analysis of data - Keyword Analysis - Date/Timelining - Manual Bookmarking - File Data Filtering - Database Analysis	Documented in-house method(s) (RSSS_QM_DFU_01) using: - Physical Analyzer - Cellebrite Reader - Axiom - Griffeye Analyze - XAMN	A, B, C, D
(U)SIM cards	Capture and preservation of data	Documented in-house method(s) (RSSS_QM_DFU_01) using: UFED 4PC	A, B, C, D
(U)SIM cards	Processing of data	Documented in-house method(s) (RSSS_QM_DFU_01) using: - Physical Analyzer	A, B, C, D
(U)SIM cards	Analysis of data - Keyword Analysis - Manual Bookmarking - File Data Filtering	Documented in-house method(s) (RSSS_QM_DFU_01) using: - Physical Analyzer - Cellebrite Reader	A, B, C, D
Memory cards associated with mobile phone handsets and tablets	Capture and preservation of data	Documented in-house method(s) (RSSS_QM_DFU_01) using: - X-Ways Forensics	A, B, C, D
Memory cards associated with mobile phone handsets and tablets	Processing of data	Documented in-house method(s) (RSSS_QM_DFU_01) using: - X-Ways Forensics - Physical Analyzer	A, B, C, D



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DIGITAL FORENSICS (cont'd)	Forensic Analysis (cont'd)		
Memory cards associated with mobile phone handsets and tablets	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) (RSSS_QM_DFU_01) using: <ul style="list-style-type: none"> - Physical Analyzer - Cellebrite Reader - X-Ways Forensics - Griffeye Analyzer 	A, B, C, D
Computers: RDFU (Regional Digital Forensic Unit)			
Computers and digital storage devices <ul style="list-style-type: none"> - Hard disk drives - Solid state drives - Memory cards - USB flash drives 	Capture and preservation of data from storage devices	Documented in-house method(s) (RSSS_QM_DFU_01) using: <ul style="list-style-type: none"> - XWays Forensic - Tableau TX1 - Tableau T8u - USB Write Protector 	A
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) (RSSS_QM_DFU_01) using: <ul style="list-style-type: none"> - XWays Forensic - Tableau TX1 	A
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) (RSSS_QM_DFU_01) using: <ul style="list-style-type: none"> - Digital Collector 	A
Data associated with the following: <ul style="list-style-type: none"> - Microsoft Windows - macOS 	Processing of data	Documented in-house method(s) (RSSS_QM_DFU_01) using: <ul style="list-style-type: none"> - XWays Forensic - Axiom - VFC - VMWare - FTK Imager 	A
Data associated with the following: <ul style="list-style-type: none"> - Microsoft Windows - macOS 	Analysis of data <ul style="list-style-type: none"> - Keyword Analysis - Date/Timelining - Manual Bookmarking - File Data Filtering - Database Analysis - Application Analysis 	Documented in-house method(s) (RSSS_QM_DFU_01) using: <ul style="list-style-type: none"> - X-Ways Forensic - Axiom 	A



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DIGITAL FORENSICS (cont'd)	Forensic Analysis (cont'd)		
Computers: RDFU (Regional Digital Forensic Unit)			
Data associated with the following: <ul style="list-style-type: none"> - Microsoft Windows - macOS 	Analysis of data <ul style="list-style-type: none"> - Keyword Analysis - Application Analysis 	Documented in-house method(s) (RSSS_QM_DFU_01) using: <ul style="list-style-type: none"> - VFC 	A
Mobile Phones: RDFU (Regional Digital Forensic Unit)			
Mobile phone handsets and tablets associated with the following operating systems: <ul style="list-style-type: none"> - Apple iOS - Apple iPadOS - Android - Non-smartphone proprietary systems 	Capture and preservation of data	Documented in-house method(s) (RSSS_QM_DFU_01) using: <ul style="list-style-type: none"> - XRY - UFED 4PC - Manual Examination using Digital Camera 	A
Mobile phone handsets and tablets associated with the following operating systems: <ul style="list-style-type: none"> - Apple iOS - Apple iPadOS - Android 	Capture and preservation of data	Documented in-house method(s) (RSSS_QM_DFU_01) using: <ul style="list-style-type: none"> - Graykey 	A
Mobile phone handsets and tablets associated with the following operating systems: <ul style="list-style-type: none"> - Apple iOS - Apple iPadOS - Android - Non-smartphone proprietary systems 	Processing of data	Documented in-house method(s) (RSSS_QM_DFU_01) using: <ul style="list-style-type: none"> - XRY/XAMN - Physical Analyzer - Axiom 	A



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DIGITAL FORENSICS (cont'd)	<u>Forensic Analysis</u> (cont'd)		
Mobile Phones: RDFU (Regional Digital Forensic Unit) (cont'd)			
Mobile phone handsets and tablets associated with the following operating systems: - Apple iOS - Apple iPadOS - Android - Non-smartphone proprietary systems	Analysis of data - Keywords Analysis - Date/Timelining - Manual Bookmarking - File Data Filtering - Database Analysis	Documented in-house method(s) (RSSS_QM_RDFU_01) using: - Physical Analyzer - Cellebrite Reader - Axion - XAMN	A
(U)SIM Cards	Capture and preservation of data	Documented in-house method(s) (RSSS_QM_DFU_01) using: - UFED 4PC	A
(U)SIM Cards	Processing of data	Documented in-house method(s) (RSSS_QM_DFU_01) using: - Physical Analyzer	A
(U)SIM Cards	Analysis of data - Keyword Analysis - Manual Bookmarking - File Data Filtering	Documented in-house method(s) (RSSS_QM_RDFU_01) using: - Physical Analyzer - Cellebrite Reader	A
Memory cards associated with mobile phone handsets and tablets	Capture and preservation of data	Documented in-house method(s) (RSSS_QM_DFU_01) using: - XWays Forensics	A
Memory cards associated with mobile phone handsets and tablets	Processing of data	Documented in-house method(s) (RSSS_QM_DFU_01) using: - XWays Forensics - Physical Analyzer	A
Memory cards associated with mobile phone handsets and tablets	Analysis of data - Keyword Analysis - Date/Timelining - Manual Bookmarking - File Data Filtering - Database Analysis	Documented in-house method(s) (RSSS_QM_RDFU_01) using: - Physical Analyzer - Cellebrite Reader - X-Ways Forensic	A



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MARKS AND IMPRESSIONS	<u>Forensic Analysis</u> (cont'd)		
Fingermarks Any material which is capable of retaining friction ridge marks	Enhancement of fingermarks and palm marks	Documented in-house method (RSSS_QM_FEL 01) using chemical and physical enhancement techniques: <ul style="list-style-type: none"> - Cyanoacrylate (CNA) fuming - Basic yellow 40 (BY40) Ethanol and aqueous formulations - Ninhydrin - Powder suspensions: Iron oxide based - black, Carbon based - black Titanium dioxide based - white - 1,2-Indandione - Acid dye treatments - ethanolic, methanolic and aqueous formulations: <ul style="list-style-type: none"> - Acid Black 1 - Acid Yellow 7 - Acid Violet 17 - Vacuum Metal Deposition (Au/Zn, Ag): 	A
Fingermarks Any material which is capable of retaining friction ridge marks	Enhancement of fingermarks and palm marks	Documented in-house method (RSSS_QM_FEL 01) using visual and lighting enhancement techniques: <ul style="list-style-type: none"> - Cyanoacrylate (CNA) fuming - Visual examination - White light and filtered sources - High intensity light sources Crimelite: <ul style="list-style-type: none"> - Blue ($\lambda=420-470$ nm) - Green laser ($\lambda=532$ nm) - Labino UV lamp ($\lambda=365$nm) 	A
Fingermarks Any material which is capable of retaining friction ridge marks	Enhancement of fingermarks and palm marks	Documented in-house method (RSSS_QM_FEL 01) for imaging/digital capture: <ul style="list-style-type: none"> - Digital SLR 	A



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MARKS AND IMPRESSIONS (cont'd)	<u>Forensic Analysis</u> (cont'd)		
Developed fingerprint marks	Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison		A
FRICTION RIDGE DETAIL			
Finger and Palm (Non-Cadaver)	Analysis, comparison, and evaluation of Friction Ridge Detail as outlined below for the purpose of: <ul style="list-style-type: none"> - Criminal Investigation - Elimination Databases 		A
<u>Marks</u> <ul style="list-style-type: none"> - CSI/FEL Recovered Lifts from physical scenes - CSI/FEL Photographs of marks from physical scenes - CSI/FEL Digital images 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 	<u>Comparison with Ten Prints</u> <ul style="list-style-type: none"> - Ink - Powder - Livescan 	Documented in house procedures using (RSSS_QM_FP_01) visual manual techniques: <ul style="list-style-type: none"> - Fingerprint glass - Reference collections - Comparators (digital / optical) - High Quality Printer - Mark enhancement software <ul style="list-style-type: none"> - FISH 	A



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FRICITION RIDGE DETAIL (cont'd)	Forensic Analysis (cont'd)	Documented in house procedures RSSS_QM_FP_01) utilising automated search techniques for initial screening to identify candidate items to go forward for manual comparison: - Ident 1 - High Quality Printer - Computer screen - Reference collections	A
Finger and Palm (Non- Cadaver) (cont'd)	Analysis, comparison, and evaluation of Friction Ridge Detail as outlined below for the purpose of: - Criminal Investigation - Elimination Databases		A



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FRICITION RIDGE DETAIL (cont'd)	Forensic Analysis (cont'd)		
<u>Ten Prints</u> <ul style="list-style-type: none">- Ink- Powder- Livescan	<u>Comparison with Marks</u> <ul style="list-style-type: none">- CSI/FEL Recovered Lifts from physical scenes- CSI/FEL Photographs of marks from physical scenes- CSI/FEL Digital images 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	Documented in house procedures using (RSSS_QM_FP_01) visual manual techniques: <ul style="list-style-type: none">- Fingerprint glass- Reference collections- Comparators (digital / optical)- High Quality Printer- Mark enhancement software<ul style="list-style-type: none">- FISH	A
		Documented in house procedures (RSSS_QM_FP_01) utilising automated search techniques for initial screening to identify candidate items to go forward for manual comparison: <ul style="list-style-type: none">- Ident 1- High Quality Printer- Computer screen- Reference collections	A
	<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 (RSSS_QM_FP_01) using <ul style="list-style-type: none">- Personal experience- database	A



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MARKS AND IMPRESSIONS	<u>Forensic Analysis</u> (cont'd)		
Footwear	Coding of scene marks	Documented in-house method (RSSS_QM_FW_01) – <i>reference to NFRC system (National Footwear Reference Collection)</i>	A
Footwear	Screening of suspect footwear by pattern type, size, wear and general patterns	Documented in-house method (RSSS_QM_FW_01)	A
Footwear	Enhancement of footwear marks recovered from scenes	Documented in-house method (RSS_QM_FW_01) using <ul style="list-style-type: none">- ESLA- gel lifting- gel scanning- Digital capture	A
Footwear	Production of test marks from suspect footwear	Documented in-house method (RSS_QM_FW_01) using aluminium and black powder	A
Footwear	Assessment, comparison and evaluation of footwear with scene marks	Documented in-house methods using visual examination and dimensional measurements	A
Footwear	<u>Opinion and Interpretation</u> The evaluation of the significance of any matching and non-matching features between the footwear scene impression and reference/control footwear marks		
END			