


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 4709 Accredited to ISO/IEC 17025:2017	Chief Constable of Thames Valley Police	
	Issue No: 019 Issue date: 16 April 2021	
	Forensic Investigation Unit Thames Valley Police (HQ) South Oxford Road Kidlington OX5 2NX	Contact: Mr S Sugden Tel: +44 (0)1865 846191 E-Mail: steve.sugden@thamesvalley.pnn.police.uk Website: www.thamesvalley.police.uk
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 FIU Thames Valley Police (HQ) South Oxford Road Kidlington OX5 2NX	Local contact Mr S Sugden Tel: +44 (0)1865 846191 E-Mail: steve.sugden@thamesvalley.pnn.police.uk Website: www.thamesvalley.police.uk	Forensic Analysis A
Address HTCU Undisclosed Location	Local contact Mr S Sugden Tel: +44 (0)1865 846191 E-Mail: steve.sugden@thamesvalley.pnn.police.uk Website: www.thamesvalley.police.uk	Forensic Analysis B



Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Chief Constable of Thames Valley Police
Issue No: 019 **Issue date:** 16 April 2021

Testing performed by the Organisation at the locations specified

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 adherence to the relevant requirements of the Forensic Science Regulators Code of Practice and Conduct in relation to their Forensic Activities	A, B
BODY FLUIDS and TISSUES Any Material	<u>Forensic Analysis</u> Searching for: - Blood - Saliva 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 - Saliva - Cellular Material	Documented In-House Methods (FSU-P-TEC-5, FSU-P-TEC-12) using: - visual examination - light sources - low power microscopy - chemical testing (see below) Documented In-House Methods (FSU-P-TEC-3, FSU-P-TEC-11) using: - cutting - swabs and swabbing - mini-taping	A
Blood	Presumptive testing for Blood via detection of: - Peroxidase	Documented In-House Method (FSU-P-TEC-4) using: - KM (Kastle Meyer)	
Saliva	Presumptive testing for saliva via detection of: - Amylase	Documented In-House Method (FSU-P-TEC-5) using: - Phadebas paper	



Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Chief Constable of Thames Valley Police
Issue No: 019 Issue date: 16 April 2021

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FIBRES and HAIRS	<u>Forensic Analysis</u> Recovery of fibres and hairs for contingency purposes from clothing and objects	Documented in house method (FSU-P-TEC-6) using <ul style="list-style-type: none"> - visual examination - low power microscopy - taping - wand recovery - forcep recovery 	A
MARKS AND IMPRESSIONS Any material which is capable of retaining friction ridge marks	<u>Forensic Analysis</u> Enhancement of fingermarks and palm marks	Documented In-House Methods using chemical enhancement and lighting techniques (method numbers provided in brackets) Acid Treatments (FDL-P-TEC-3): Acid Black 1 Acid Violet 17 Acid Yellow 7 Cyanoacrylate (CNA) Fuming (FDL-P-TEC-10) Basic Yellow 40 (BY40) <ul style="list-style-type: none"> - ethanol based - aqueous based (FDL-P-TEC-11) 1,8-Diazafluoren-9-one (DFO) (FDL-P-TEC-7) Physical Developer (FDL-P-TEC-9) Ninhydrin (FDL-P-TEC-8) Powdering Techniques: <ul style="list-style-type: none"> - black, aluminium, magenta flake and black magnetic (FDL-P-TEC-6) 	A



Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Chief Constable of Thames Valley Police
Issue No: 019 **Issue date:** 16 April 2021

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<p>MARKS AND IMPRESSIONS (cont'd)</p> <p>Any material which is capable of retaining friction ridge marks (cont'd)</p>	<p><u>Forensic Analysis</u> (cont'd)</p> <p>Enhancement of fingermarks and palm marks (cont'd)</p>	<p>Powder suspension (FDL-P-TEC-12):</p> <ul style="list-style-type: none"> - Iron Oxide - Carbon Titanium Dioxide <p>Documented In-House Methods using non-destructive techniques</p> <p>White Light and Filtered Sources (FDL-P-TEC-1)</p> <p>High energy light sources (FDL-P-TEC-1)</p> <p>Laser: 532nm</p> <p>LEDs:</p> <ul style="list-style-type: none"> - Violet (395-425nm), - Blue (420-470nm), - Blue/green (445-510nm), - Green (480-560nm), - Orange (570-610nm) <p>Q2000/30:</p> <ul style="list-style-type: none"> - 340-413nm - 400-469nm - 400-519nm - 468-526nm - 473-548nm - 491-548nm - 503-587nm <p>Digital Capture (FDL-P-TEC-18-30)</p>	<p align="center">A</p>



Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Chief Constable of Thames Valley Police
Issue No: 019 **Issue date:** 16 April 2021

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
MARKS AND IMPRESSIONS (cont'd) Fingermark and palm mark friction ridge detail	<u>Forensic Analysis</u> (cont'd)	Documented In-House method FPB-P-TEC-15 Standard & Digital Cases FPB-P-TEC-16 ACE-V and Comparison Outcomes FPB-P-TEC-17 Analysis, Notes and Graphical Representations FPB-P-TEC-18 recording Results - Case Docket and Photographs FPB-P-TEC-20 Professional Discussion Procedure FPB-P-TEC-21 Tenprint to Marks FPB-P-TEC-22 Sample Identification Procedure FPB-P-TEC-25 Managing Blind Verifications FPB-P-TEC-26 Verification Procedure FPB-P-TEC-27 Throughput and Dip Checking	A
	<ul style="list-style-type: none"> - Visual analysis, comparison and evaluation of recovered friction ridge detail / TENPRINTS with finger, thumb and palm from Known ink TENPRINTS - Known electronic TENPRINTS - Recovered lifts - Images of recovered friction ridge detail 		
Footwear mark (physical or image)	<u>Opinion and Interpretation</u> The evaluation of features between Fingermark and palm mark friction ridge detail	Documented In-House methods using <ul style="list-style-type: none"> - Personal experience - database 	A
	Screening of suspect footwear by pattern type and size	Documented in-house method (FWU-P-TEC-1) using: <ul style="list-style-type: none"> - Visual examination - 	A
	Enhancement of footwear marks recovered from scenes.	Documented In-House methods (FWU-P-TEC-2, FWU-P-TEC-3, FWU-P-TEC-7) using: <ul style="list-style-type: none"> - Imaging (photo/GL scan / Flat bed scanner) - Lifting (ESLA/Gel) 	
	Production of test marks from suspect footwear	Documented In-House method (FWU-P-TEC-12) using: <ul style="list-style-type: none"> - Powdering methods (static and dynamic) - Paint and acetate sheets (dynamic) - Printscan 	



Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Chief Constable of Thames Valley Police
Issue No: 019 **Issue date:** 16 April 2021

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
DIGITAL DEVICES AND DATA	<u>Forensic Analysis</u>		
Computers			
Computers and digital storage devices <ul style="list-style-type: none"> - Hard disk drives - Solid state drives - Memory cards - USB flash drives 	Physical capture and preservation of data	Documented in-house method(s) (HTCU-P-TEC-4) using: <ul style="list-style-type: none"> - AccessData FTK Imager - Guidance EnCase - Guidance Tableau TD3 - Guidance Tableau T356789iu 	B
Mobile phones			
Mobile phone handsets and tablets associated with the following operating systems: <ul style="list-style-type: none"> - Google Android - Non-smartphone proprietary systems 	Physical capture and preservation of data	Documented in-house method(s) (HTCU-P-TEC-4 and 5) using: <ul style="list-style-type: none"> - MSAB XRY - Cellebrite UFED 4PC 	B
Mobile phone handsets and tablets associated with the following operating systems: <ul style="list-style-type: none"> - Apple iOS - Google Android - Non-smartphone proprietary systems 	Logical capture and preservation of data	Documented in-house method(s) (HTCU-P-TEC-4 and 5) using: <ul style="list-style-type: none"> - MSAB XRY - Cellebrite UFED 4PC - Manual examination 	B
Mobile phone handsets and tablets associated with the following operating systems: <ul style="list-style-type: none"> - Apple iOS - Google Android - Non-smartphone proprietary systems 	Processing of data	Documented in-house method(s) (HTCU-P-TEC-4 and 5) using: <ul style="list-style-type: none"> - MSAB XRY - MSAB XAMN - Cellebrite UFED Physical Analyzer 	B



Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Chief Constable of Thames Valley Police
Issue No: 019 **Issue date:** 16 April 2021

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
DIGITAL DEVICES AND DATA Mobile phones (cont'd) (U)SIM cards	<u>Forensic Analysis</u> Logical capture and preservation of data	Documented in-house method(s) (HTCU-P-TEC-4 and 5) using: - MSAB XRY - Cellebrite UFED 4PC	B
	Processing of data	Documented in-house method(s) (HTCU-P-TEC-4 and 5) using: - MSAB XRY - MSAB XAMN - Cellebrite UFED Physical Analyzer	B
Memory cards associated with mobile phone handsets and tablets	Physical capture and preservation of data	Documented in-house method(s) (HTCU-P-TEC-4 and 5) using: - AccessData FTK Imager - Guidance EnCase	B
	Processing of data	Documented in-house method(s) (HTCU-P-TEC-4 and 5) using: - MSAB XRY - MSAB XAMN - Cellebrite UFED Physical Analyzer	
END			