# 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:** 034 **Issue date:** 01 October 2025


**Forensic Investigation Unit**
**Thames Valley Police (HQ) South**
**Oxford Road**
**Kidlington**
**OX5 2NX**

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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**<br>FIU<br>Thames Valley Police (HQ)<br>South<br>Oxford Road<br>Kidlington<br>OX5 2NX | **Local contact**<br>Mr Carl Weston<br><br>Tel: +44 (0)1865 542042<br>E-Mail: carl.weston@thamesvalley.police.uk<br>Website: www.thamesvalley.police.uk | Forensic Analysis | A |
| **Address**<br>DFU<br>Undisclosed Location | **Local contact**<br>Mr Carl Weston<br><br>Tel: +44 (0)1865 542042<br>E-Mail: carl.weston@thamesvalley.police.uk<br>Website: www.thamesvalley.police.uk | Forensic Analysis | B |

DETAIL OF ACCREDITATION

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| | Forensic Analysis | The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 in relation to the Forensic Activities listed below.<br><br>In addition, where compliance has been demonstrated for the related FSA specific requirements this is stated below at the relevant schedule entry. | A, B |
| BODY FLUIDS and TISSUES | Forensic Analysis | The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements:<br>• Human DNA examination and analysis | |
| Any Material | Searching for:<br>- Blood<br>- Saliva | Documented In-House Methods (FSU-P-TEC-5, FSU-P-TEC-12) using:<br>- visual examination<br>- light sources<br>- low power microscopy<br>- chemical testing (see below) | 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:<br>- Blood<br>- Saliva<br>- Cellular Material | Documented In-House Methods (FSU-P-TEC-3, FSU-P-TEC-11) using:<br>- cutting<br>- swabs and swabbing<br>- mini-taping | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| BODY FLUIDS and TISSUES (cont'd) | Forensic Analysis (cont'd) | The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements:<br>• Human DNA examination and analysis | A |
| Blood | Presumptive testing for Blood via detection of:<br>- Peroxidase | Documented In-House Method (FSU-P-TEC-4) using:<br>- KM (Kastle Meyer) | A |
| Saliva | Presumptive testing for saliva via detection of:<br>- Amylase | Documented In-House Method (FSU-P-TEC-5) using:<br>- Phadebas paper | A |
| FIBRES and HAIRS | Forensic Analysis | The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements:<br>• Human DNA examination and analysis | |
| | Recovery of fibres and hairs for contingency purposes from clothing and objects | Documented in house method (FSU-P-TEC-6) using<br>- visual examination<br>- low power microscopy<br>- taping<br>- wand recovery<br>- forcep recovery | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| MARKS AND IMPRESSIONS | Forensic Analysis | The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2<br>FSA Specific Requirements:<br>• Friction Ridge Detail: visualisation and enhancement | |
| Any material which is capable of retaining friction ridge marks | Enhancement of fingermarks and palm marks | Documented In-House Methods using chemical enhancement and lighting techniques (method numbers provided in brackets) | A |
| | | Acid Treatments (FDL-P-TEC-3):<br>Acid Black 1<br>Acid Violet 17<br>Acid Yellow 7 | A |
| | | Cyanoacrylate (CNA) Fuming (FDL-P-TEC-10) | A |
| | | Basic Yellow 40 (BY40)<br>- ethanol based<br>- aqueous based<br>(FDL-P-TEC-11) | A |
| | | Physical Developer (FDL-P-TEC-9) | A |
| | | Ninhydrin (FDL-P-TEC-8) | |
| | | Powdering Techniques:<br>- black, aluminium, magenta flake and black magnetic (FDL-P-TEC-6) | A |
| | | 1,2 Indandione (FDL-P-TEC-45) | |

| 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 (cont'd) | The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2<br>FSA Specific Requirements:<br>• Friction Ridge Detail: visualisation and enhancement | |
| Any material which is capable of retaining friction ridge marks (cont'd) | Enhancement of fingermarks and palm marks (cont'd) | Powder suspension (FDL-P-TEC-12):<br>- Iron Oxide<br>- Carbon<br>Titanium Dioxide | A |
| | | Documented In-House Methods using non-destructive techniques | |
| | | White Light (FDL-P-TEC-1) | A |
| | | High energy light sources (FDL-P-TEC-1)<br>LEDs:<br>- Violet (395-425nm),<br>- Blue (420-470nm),<br>- Blue/green (445-510nm),<br>- Green (480-560nm),<br>- Orange (570-610nm)<br><br>Q2000/30:<br>- 340-413nm<br>- 400-469nm<br>- 400-519nm<br>- 468-526nm<br>- 473-548nm<br>- 491-548nm<br>- 503-587nm<br><br>Laser<br>- 532nm<br><br>Digital Capture<br>- Digital SLR (FDL-P-TEC-18-30)<br>- DCS5 (FDL-P-TEC-47) | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| FRICTION RIDGE DETAIL<br><br>Finger and Palm (Non-Cadaver) | <u>Forensic Analysis</u> (cont'd)<br><br>Analysis, comparison, and evaluation of Friction Ridge Detail as outlined below for the purpose of:<br><br>- Criminal Investigation<br>- Elimination Databases | | A |
| <u>Marks</u><br>- CSI/FEL Recovered Lifts from physical scenes<br>- CSI/FEL Photographs of marks from physical scene<br>- Fingerprint Enhancement Laboratory Recovered Lifts from physical items<br>- Fingerprint Enhancement Laboratory Photographs of marks from physical items | <u>Comparison with Ten Prints</u><br>- Ink<br>- Powder<br>- Livescan | Documented in house procedures using visual manual techniques:<br>- Fingerprint glass<br>- Reference collections<br>- Comparators (optical)<br>- High Quality Printer | A |
| <u>Ten Prints</u><br>- Ink<br>- Powder<br>- Livescan | <u>Comparison with Marks</u><br>- CSI/FEL Recovered Lifts from physical scenes<br>- CSI/FEL Photographs of marks from physical scenes<br>- Fingerprint Enhancement Laboratory Recovered Lifts from physical items<br>- Fingerprint Enhancement Laboratory photographs of marks from physical exhibits | Documented in house procedures using visual manual techniques:<br>- Fingerprint glass<br>- Reference collections<br>- Comparators (optical)<br>- High Quality Printer | A |
| | <u>Opinion and Interpretation</u><br>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 using<br>- Personal experience<br>- database | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| MARKS AND IMPRESSIONS | Forensic Analysis (cont'd) | | |
| Footwear mark (physical or image) | Screening of suspect footwear by pattern type and size | Documented in-house method (FWU-P-TEC-1) using:<br>- 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:<br>- Imaging (photo/GL scan / Flat bed scanner)<br>- Lifting (ESLA/Gel) | A |
| | Production of test marks from suspect footwear | Documented In-House method (FWU-P-TEC-12) using:<br>- Powdering methods (static and dynamic)<br>- Paint and acetate sheets (dynamic)<br>- Printscan | A |
| Footwear mark (physical or image) (cont'd) | Assessment, Comparison and evaluation of footwear with scene marks | Documented in-house methods (FWU-P-TEC-12) using:<br>- Visual examination | A |
| | Opinion and Interpretation<br>The evaluation of the significance of any matching and non-matching features between the footwear scene impression and reference/control footwear marks | Documented In-House method (FWU-P-TEC-4) using<br>- Personal experience<br>- database | 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 (cont'd) | | |
| Toolmarks | Enhancement of toolmarks | Documented in house method (FWU-P-TEC-7, FWU-P-TEC-8, FWU-P-TEC-9) using:<br>- lighting technique<br>- casting | A |
| Toolmarks | Production of Test Marks from suspect items | Documented in house method (FWU-P-TEC-8) using<br>- casting<br>- test mark media (lead / wax) | A |
| Toolmarks | Comparison of submitted marks, photographs of marks or marks made from suspect items with marks left at scene | Documented In-House methods (FWU-P-TEC-10) using<br>- visual examination,<br>- low power microscopy<br>- comparison microscopy<br>- dimensional measurements | A |
| Toolmarks | Opinion and Interpretation<br>The evaluation of the significance of any matching and non-matching features between the tool scene impression and reference/control toolmarks | Documented In-House methods (FWU-P-TEC-11) using<br>- Personal experience | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| DIGITAL DEVICES AND DATA | Forensic Analysis (cont'd) | The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements:<br>• Digital forensics | |
| Computers | | | |
| Computers and digital storage devices<br>- Hard disk drives<br>- Solid state drives<br>- m.2 SSD<br>- Memory cards<br>- USB flash drives | Capture and preservation of data from storage devices | Documented in-house method(s) (DFU-P-TEC-4) using:<br>- FTK Imager<br>- Tableau T356789iu<br>- Tableau T35689iu<br>- Tableau TX1 | B |
| Mobile phones | | | |
| Mobile phone handsets and tablets associated with the following operating systems:<br>- Apple iOS<br>- Android<br>- Non-smartphone proprietary systems | Capture and preservation of data | Documented in-house method(s) (DFU-P-TEC-5) using:<br>- XRY<br>- UFED 4PC<br>- Manual examination using Digital Camera | B |
| Mobile phone handsets and tablets associated with the following operating systems:<br>- Apple iOS<br>- Android<br>- Non-smartphone proprietary systems | Processing of data | Documented in-house method(s) (DFU-P-TEC-5) using:<br>- XRY/XAMN<br>- Physical Analyzer | B |
| (U)SIM cards | Capture and preservation of data | Documented in-house method(s) (DFU-P-TEC-5) using:<br>- XRY<br>- UFED 4PC | B |
| | Processing of data | Documented in-house method(s) (DFU-P-TEC-5) using:<br>- XRY/XAMN<br>- Physical Analyzer | B |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| 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:<br>• Digital forensics | |
| Mobile phones (cont'd) | | | |
| Memory cards associated with mobile phone handsets and tablets | Capture and preservation of data | Documented in-house method(s) (DFU-P-TEC-5) using:<br>- FTK Imager | B |
| | Processing of data | Documented in-house method(s) (DFU-P-TEC-5) using:<br>- XRY/XAMN<br>- Physical Analyzer | B |
| END | | | |