


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>8386</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>The Chief Constable of the Police Service Northern Ireland</p> <p>Issue No: 010 Issue date: 11 March 2022</p>	
	<p>PSNI Scientific Support Branch Fingerprint Bureau Seapark 151 Belfast Road Carrickfergus BT38 8PL United Kingdom</p>	<p>Contact: Ms Siobhan Green Tel: +44 (0) 2890 65222 – Ext 29062 E-Mail: Siobhan.Green@psni.pnn.police.uk</p>
<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>Fingermarks Any material which is capable of retaining friction ridge marks</p>	<p><u>Forensic Analysis</u></p> <p>Enhancement of fingermarks and palm 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 (FEL/SOP/03) - Basic Yellow 40 (BY40) ethanol based (FEL/SOP/03) - 1,8-Diazafluoren-9-one (DFO) (FEL/SOP/02) - Ninhydrin (FEL/SOP/01) - Indandione (FEL/SOP/017) - Powder Suspensions (FEL/SOP/04) Carbon based - black Titanium dioxide based-white Iron oxide based-black - Powdering Techniques (FEL/SOP/5): Black granular powder Aluminium flake powder Magnetic powder Fluorescent Powders - Lifting techniques (FEL/SOP/05) Adhesive Tape Black gelatine - Vacuum Metal Deposition (Au/Zn) (FEL/SOP/06)



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

The Chief Constable of the Police Service Northern Ireland

Issue No: 010 Issue date: 11 March 2022

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>MARKS AND IMPRESSIONS (cont'd)</p> <p>Fingermark and palm mark friction ridge detail</p> <p>Footwear</p>	<p><u>Forensic Analysis</u></p> <p>Visual analysis, comparison and evaluation of recovered friction ridge detail / TENPRINTS with finger, thumb and palm from:</p> <ul style="list-style-type: none"> - Known ink TENPRINTS - Known electronic TENPRINTS - Recovered lifts - Images of recovered friction ridge detail <p><u>Opinion and Interpretation</u></p> <p>The evaluation of matching features between fingermark and palm mark friction ridge detail</p> <p>Coding of scene marks</p> <p>Coding of Custody prints taken from suspect footwear using gross features</p> <p>Screening of suspect footwear by pattern type, size, wear and features</p> <p>Enhancement of footwear marks recovered from scenes</p> <p>Production of test marks from suspect footwear</p>	<p>Documented In-House methods (FPB-SOP-02) using visual examination, low power magnification, comparators and reference database.</p> <p>Documented In-House methods (FPB-SOP-02) using</p> <ul style="list-style-type: none"> - Personal experience - Database <p>Documented in house method (FWU/SOP/03) – <i>reference to NFRC system (National Footwear Reference Collection)</i></p> <p>Documented in house method (FWU/SOP/02) – <i>reference to NFRC system (National Footwear Reference Collection)</i></p> <p>Documented in house method (FWU/SOP/06)</p> <p>Documented in house method using</p> <ul style="list-style-type: none"> - Gel scanning (FWU/SOP/04) - Digital Capture Photography (FWU/SOP/05) <p>Documented in house method (FWU/SOP/06) using</p> <ul style="list-style-type: none"> - Powder Methods <ul style="list-style-type: none"> o Static marks - Oil and Powder Methods <ul style="list-style-type: none"> o Dynamic marks
END		