


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>7716</b> Accredited to ISO/IEC 17025:2017	<b>Chief Constable of Devon and Cornwall Police</b>	
	<b>Issue No: 023    Issue date: 20 December 2024</b>	
	<b>Sir John Evans Building</b> <b>Force Headquarters</b> <b>Middlemoor</b> <b>Exeter</b> <b>EX2 7HQ</b>	<b>Contact: Fiona Miller</b> <b>Tel: +44 (0)7547 658990</b> <b>Email: <a href="mailto:Fiona.Miller@avonandsomerset.police.uk">Fiona.Miller@avonandsomerset.police.uk</a></b> <b>Website: <a href="http://www.devon-cornwall.police.uk">www.devon-cornwall.police.uk</a></b>
<b>Testing performed at the above address only</b>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<b>MARKS AND IMPRESSIONS</b>  Fingermarks 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 and physical enhancement techniques (method numbers provided in brackets): <ul style="list-style-type: none"><li>- Acid Dye Treatments ethanol based (FEL-P-3.6): Acid Yellow 7 Acid Black 1 Acid Violet 17</li><li>- Cyanoacrylate (CNA) Fuming (FEL/P-3.3)</li><li>- Basic Yellow 40 (BY40) ethanol based (FEL/P3.3)</li><li>- Ninhydrin (FEL-P-3.2)</li><li>- 1,2- Indandione (FEL-P-3.10)</li><li>- Physical Developer (FEL-P-3.8)</li><li>- Powdering Techniques (FEL-P-3.5): Aluminium Flake Powder Magneta Flake Powder Black Magnetic Powder</li><li>- Lifting Techniques (FEL-P-3.5): Gel lifting J-Lar tape Ezetape</li><li>- Powder Suspensions (FEL-P-3.4): Iron Oxide based - black Carbon based - black Titanium Dioxide based - white</li><li>- Vacuum Metal Deposition Au/Zn and Ag (FEL-P-3.7)</li></ul>



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<b>MARKS AND IMPRESSIONS (cont'd)</b>  Fingermarks Any material which is capable of retaining friction ridge marks (cont'd)	<u>Forensic Analysis</u> (cont'd)  Enhancement of fingermarks and palm marks (cont'd)	Documented In-House Methods using visual and lighting enhancement techniques: <ul style="list-style-type: none"><li>- Visual examination</li><li>- White light and filtered sources (FEL-P-3.1)</li><li>- High intensity light sources (FEL-P-3.1): Crimelite 80s Blue (<math>\lambda=430-470\text{nm}</math>) Blue/green (<math>\lambda=460-510\text{nm}</math>) Green (<math>\lambda=500-550\text{nm}</math>) Crimelite 82S UV (<math>\lambda=350-380\text{nm}</math>) Blue (<math>\lambda=420-470\text{nm}</math>)</li></ul>
Developed fingerprint marks	Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison	Documented In-House Methods for imaging / digital capture <ul style="list-style-type: none"><li>- DCS5 with UV, IR and reflectance modes (FEL-P-4, FEL-P-5)</li></ul> Documented In-House method using visual examination (FEL-P-3.1)
END		