


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>4711</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Arrogen Forensics Ltd (trading as Arrogen)</h3> <p>Issue No: 012 Issue date: 04 July 2017</p>	
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<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
FIREARMS	<u>Forensic Analysis</u>	
Ammunition	Ammunition and component identification and legal classification	Documented in-house method (AFL-QT-011) using : <ul style="list-style-type: none"> - Weighing - length measurement - use of known samples or standard reference data
Firearms	Firearm and firearm component part identification and legal classification (Firearms Act 1968)	Documented in-house method (AFL-QT-010) using comparison with known samples, reference standards and publications
	Test Firing to generate test samples of ammunition for inclusion in the NABIS database	Documented In house method (AFL-QT-009) meeting the requirements of NABIS
	Test Firing to generate test samples of ammunition for comparison to exhibits	Documented In house method using suspect or reference guns and ammunition
	Determination of Kinetic Energy of projectiles	Documented in-house method (AFL-QT-007) using MSI chronograph and balance
	Range of fire determination	In house method (AFL-QT-016) using test firing with appropriate weapon/ammunition combination and target material to assess range of fire. Comparison of test patterns to exhibits.
	Trigger pull measurement	In house method (AFL-QT-017) using strain gauge force measurement device.



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<p>FIREARMS (cont'd)</p> <p>Electric Shock Devices</p>	<p><u>Forensic Analysis</u></p> <p>Identification, classification and function test</p>	<p>Documented in-house method (AFL-QT-012) using visual examination, function testing and measurement of spark gap</p>
<p>MARKS AND IMPRESSIONS</p> <p>Fingermarks Any material which is capable of retaining friction ridge marks</p>	<p>Enhancement of fingermarks and palm marks, planter marks</p>	<p>Documented In-House Methods using chemical enhancement and lighting techniques</p> <ul style="list-style-type: none"> - Cyanoacrylate (CNA) Fuming - (AFL-QT-19) - Basic Yellow 40 (BY40)- (AFL-QT-19) - 1,8-Diazafuoren-9-one (DFO) - (AFL-QT-20) - Ninhydrin – (AFL-QT-20) - Liquid Powder suspensions – carbon black, titanium dioxide (AFL-QT21) <p>Documented In-House Methods using lighting techniques</p> <ul style="list-style-type: none"> - White Light and filtered sources (AFL-QT-24) - High Energy Light Sources (AFL-QT-24)
<p>Developed fingerprint marks</p>	<p>Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison</p>	<p>Documented In-House Method for imaging and Digital Capture (AFL-QT-22)</p> <p>Documented In-House methods using visual examination, low power microscopy (AFL-QT-23)</p>



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MARKS AND IMPRESSIONS (cont'd)		
Footwear	Enhancement of footwear marks recovered from scenes	Documented in-house methods (AFL-QT-003-005) using: <ul style="list-style-type: none"> - lighting techniques (White light and filtered source) - powders - gel lifting digital capture photography
Footwear marks (physically or image)	Production of test marks from suspect footwear	Documented in house methods (AFL-QT-003-005) using powders
Footwear	Assessment, comparison and evaluation of footwear with scene marks	Documented in-house methods (AFL-QT-003, AFL-QT-004) using visual examination
Footwear	<u>Opinion and Interpretation</u> The evaluation of the significance of any matching features between the suspect and reference/control footwear marks to determine the likelihood of the suspect mark coming from a specific footwear	Documented In-House method (AFL-QT-018) using: <ul style="list-style-type: none"> - Personal experience
END		