


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: 013</p>	<p>Issue date: 01 February 2018</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 Testing</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
Ammunition	<u>Forensic Analysis</u> 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



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FIREARMS (cont'd)	<p><u>Forensic Analysis</u></p> <p>Range of fire determination</p> <p>Trigger pull measurement</p>	<p>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.</p> <p>In house method (AFL-QT-017) using strain gauge force measurement device.</p>
Electric Shock Devices	Identification, classification and function test	Documented in-house method (AFL-QT-012) using visual examination, function testing and measurement of spark gap
<p>MARKS AND IMPRESSIONS</p> <p>Fingermarks Any material which is capable of retaining friction ridge marks</p>	Enhancement of fingermarks and palm marks, planter marks	<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-Diazafluoren-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)



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MARKS AND IMPRESSIONS (cont'd) Developed fingerprint marks	Forensic Analysis Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison	Documented In-House Method for imaging and Digital Capture (AFL-QT-22) Documented In-House methods using visual examination, low power microscopy (AFL-QT-23)
Footwear Footwear marks (physically or image) Footwear	Enhancement of footwear marks recovered from scenes Production of test marks from suspect footwear Assessment, comparison and evaluation of footwear with scene marks <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 methods (AFL-QT-003-005) using: - lighting techniques (White light and filtered source) - powders - gel lifting digital capture photography Documented in house methods (AFL-QT-003-005) using powders Documented in-house methods (AFL-QT-003, AFL-QT-004) using visual examination Documented In-House method (AFL-QT-018) using: - Personal experience
END		