


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 Accredited to ISO/IEC 17025:2005	Scottish Police Services Authority (SPSA) Forensic Services (Glasgow)	
	Issue No: 013 Issue date: 06 October 2010	
	173 Pitt Street Glasgow Scotland G2 4JS	Contact: Dr V Morton Tel: +44 (0)141 532 6931 Fax: +44 (0)141 435 1126 E-Mail: victoria.morton@spsa.pnn.police.uk Website:

Testing performed by the Organisation at the locations specified below

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address 173 Pitt Street Glasgow Scotland G2 4JS Local contact Dr V Morton Tel: +44 (0)141 532 6931 Fax: +44 (0)141 435 1126 Email: victoria.morton@spsa.pnn.police.uk	Forensic Analysis Head Office	A
Address MRC2 Complex The Stolen Vehicle Section Meiklewood Road Glasgow Scotland Local contact Dr V Morton Tel: +44 (0)141 532 6931 Fax: +44 (0)141 435 1126 Email: victoria.morton@spsa.pnn.police.uk	Tyre Examination	B



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ACCELERANTS Flammable Fuels used to Promote Combustion (Accelerants) Material Suspected to Contain Fire Accelerants	<u>Forensic Analysis</u> Detection and identification of specified volatile hydrocarbon fire accelerants	Documented In-House Methods using ATD-GCMS	A
GLASS Glass, Items Suspected of Containing Glass Particles, Broken Windows	<u>Physical Tests</u> Recovery of glass from clothing and objects Comparison of glass fragments	Documented In-House Methods using refractive index by oil immersion, low power microscopy, and reannealing by tube furnace	A
PAINT Vehicle and Architectural	<u>Forensic Analysis</u> Recovery of paint from object and clothing Comparison of control and recovered crime samples	Documented In-House Methods using low power microscopy, high power comparison microscopy, chemical spot tests, FTIR and SEM	A
DRUGS	<u>Forensic Analysis</u> Identification of: Amphetamine Cannabis/Cannabis resin Cocaine Diamorphine MDMA	Documented In-House Methods using low power light microscopy, spot tests, TLC and GCMS	A
	Quantification of: Amphetamine Diamorphine	Documented In-House Method using HPLC	A
Characteristically Marked Proprietary Pharmaceuticals	Identification of products defined in the Misuse of Drugs Regulations, 2001: Visual identification of pharmaceutically prepared products	Comparison of appearance with reference materials, data collections and descriptions in authoritative texts	A



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FIREARMS DISCHARGE RESIDUES Clothing/items from both subjects and loci, FDR Recovery Kits, cartridge cases and bullets	<u>Forensic Analysis</u> Identification of inorganic (percussion primer) firearm discharge residues	Documented In-House Methods for Sample Recovery Documented In-House Methods using scanning electron microscopy and energy dispersive X-ray spectrometry	A
BLOOD	<u>Forensic Analysis and related Opinions and Interpretations</u> Identification and recording of blood patterns on clothing and other items examined at the laboratory	Documented In-House Methods using visual examination, low power microscopy and dimensional measurement	A
HUMAN BODY FLUIDS/TISSUES Blood Body Tissues Buccal Swabs Hair Saliva Semen	<u>Forensic Analysis</u> DNA Profiling: Analysis of Short Tandem Repeat (STR) Loci using SGM Plus	Documented In-House Methods meeting the requirements of the Custodian for the Purpose of Supply to the National DNA Database for Crime Scene Samples using manual and automated systems for extraction, quantification and amplification (PCR), and manual electrophoresis and Genetic Characterisation	A
HUMAN BODY FLUIDS Any Material or Object	<u>Forensic Analysis</u> Screening and identification of: Blood Faeces Saliva Semen Azospermic Semen Urine	Documented In-House Methods using visual examination, low power microscopy, high power microscopy, tests for enzyme activity or presence of metabolites	A
CLOTHING	Identification of damage	Documented In-House Method using visual examination and low power microscopy	A



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MARKS and IMPRESSIONS	<u>Forensic Analysis</u>		
Footwear Marks	Comparison of footwear marks with footwear and with other marks	Documented In-House Method using visual comparison	A
PAPER and OTHER MATERIALS believed to bear indented impressions	<u>Physical Tests</u> Detection of indented impressions	Documented In-House Methods using oblique lighting and ESDA	A
WRITING IN ROMAN SCRIPT produced by hand	<u>Physical Tests</u> Comparison of handwriting including signatures from known and suspect sources	Documented In-House Methods using low power microscopy, and visual examination	A
TYPING and PRINTING MACHINES and their output including TYPEWRITERS, IMPACT and NON-IMPACT PRINTERS, PHOTOCOPIERS	<u>Physical Tests</u> Comparison of office technology equipment and outputs with suspect material	Documented In-House Methods using visual examination, microscopy, physical fit, and visual comparison	A
DOCUMENTS	<u>Physical Tests</u> Detection of alterations and decipherment of altered or obliterated entries	Documented In-House Methods using lighting techniques, low power microscopy and ESDA	A
	Ink examinations	Documented In-House Methods using lighting techniques, visual examination and microscopy	A
	Paper examinations	Documented In-House Methods using lighting techniques, visual examination and microscopy	A
	Photocopying	Documented In-House Methods using visual examination and microscopy	A



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AMMUNITION	<u>Forensic Analysis</u>		
	Comparison between crime weapons and ammunition	Documented In-House Methods using comparison microscopy	A
	Ammunition identification	Documented In-House Methods using measuring microscopy, microscopy, weighing, length measurement, and comparison with known samples	A
FIREARMS	<u>Forensic Analysis</u>		
	Determination of general and mechanical condition and classification under the Firearms Act 1968	Documented In-House Methods using visual examination and microscopic examination	A
	Firearm identification	Documented In-House Methods using measuring microscopy, microscopy, weighing, length measurement, and comparison with known samples	A
	Trigger pull determination	Documented In-House Methods using weights	A
	Trigger travel determination	Documented In-House Methods using length measurement	A
	Accidental discharge testing	Documented In-House Methods using impact test, and drop test	A
	Range of fire determination	Documented In-House Methods using test firing	A
	Projectile velocity and kinetic energy measurement	Documented In-House Methods using PVMS equipment, and weighing	A
STUN GUNS	<u>Forensic Analysis</u>		
	Initial examination Function test	Documented In-House Methods using visual examination	A



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TYRES	<u>Forensic Analysis and related Opinions and Interpretations</u> Examination and investigation of cause of failure or defect	Documented In-House Method using visual examination, optical microscopy, length measurement, and pressure measurement	B
END			