


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 4470 Accredited to ISO/IEC 17025:2017	Chief Constable of Greater Manchester Police	
	Issue No: 022 Issue date: 15 June 2021	
	Openshaw Complex Lawton Street Openshaw Manchester M11 2NS	Contact: Sandra Stanley Tel: +44 (0)161 856 6627 Website: www.gmp.police.uk
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 Manchester	Local contact Sandra Stanley	Forensic Firearms Analysis	A
Address Forensic Services Section Bradford Park Complex Bank Street Clayton Manchester M11 4AA	Local contact Sandra Stanley	Forensic Analysis – Body Fluids and Fibres, Fingerprint Enhancement	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
<p>BODY FLUIDS and TISSUES</p> <p>All items capable of retaining a fingerprint</p>	<p><u>Forensic Testing</u></p>	<p>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</p>	A, B
	<p><u>Forensic Analysis</u></p>		
	<p>Searching for:</p> <ul style="list-style-type: none"> - Hairs - Blood 	<p>Documented In-House Methods using:</p> <ul style="list-style-type: none"> - visual examination - low power microscopy (WI-FLU-DNA-005 & 006) 	B
	<p>Recovery and preparation, including for contingency purposes, for subsequent DNA analysis by an ISO/IEC 17025 accredited laboratory of the following from searched materials:</p> <ul style="list-style-type: none"> - Blood - Hairs - Cellular Material 	<p>Documented In-House Methods using:</p> <ul style="list-style-type: none"> - chemical testing (see below) - swabs and swabbing (WI-FLU-DNA-010) - forceps - cutting (WI-FLU-LAB-007) 	B
<p>Blood</p>	<p>Presumptive testing for Blood via detection of:</p> <ul style="list-style-type: none"> - Peroxidase 	<p>Documented In-House Methods using:</p> <ul style="list-style-type: none"> - KM (Kastle Meyer) (WI-FLU-LAB-009) 	B
<p>FIBRES</p>	<p><u>Forensic Analysis</u></p>		
	<p>Recovery of fibres for contingency purposes from firearms and ammunition</p>	<p>Documented in house method using</p> <ul style="list-style-type: none"> - visual examination - low power microscopy - forceps (WI-FLU-DNA-005 & 006) 	B



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FIREARMS Ammunition	<u>Forensic Analysis</u>		
	Examination of discharged ammunition components to determine the number of guns used	In house methods using comparison microscopy (NABIS-OP-03, 008 & 011)	A
	Opinion and Interpretation The evaluation of features between recovered fired ballistic components	Documented in house methods as above using: - Personal experience - Reference Collections	
	Examination of cartridges to determine if ammunition has been loaded into a firearm	In house methods using microscopy and comparison microscopy (NABIS-OP-03, 006 & 011)	A
	Opinion and Interpretation The evaluation of features on recovered unfired ammunition	Documented in house methods as above using: - Personal experience - Reference Collections	
	Comparison of spent ammunition to suspect guns	In house methods using comparison microscopy (NABIS-OP-03, 008, 010 & 011) (Search and Retention Policy)	A
	Opinion and Interpretation The evaluation of features on recovered fired ballistic components	Documented in house methods as above using: - Personal experience - Reference Collections	
Comparison of spent ammunition to suspect guns	In house methods meeting the requirements of the National Ballistics Intelligence Service (NaBIS) using IBIS bullet Trax, Brass Trax, IBIS Matchpoint Plus (NABIS-OP-008 & 009) (Search and Retention Policy)	A	
Ammunition and component identification and legal classification	Documented In house method using : - Weighing - length measurement - use of known samples or standard reference data (NABIS-OP-03, 006, 007 & 011)	A	



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Firearms	<p>Firearm and firearm component part identification and legal classification (Firearms Act 1968)</p> <p>Firearm identification from class marks present on ammunition components</p> <p>Opinion and Interpretation The evaluation of features between recovered fired ballistic components</p>	<p>Documented In house method using comparison with known samples, reference standards and publications (NABIS-OP-04, 007, 012)</p> <p>In house method using comparison with known samples and use of reference databases (NABIS-OP-03, 008, 011)</p> <p>Documented in house methods as above using:</p> <ul style="list-style-type: none"> - Personal experience - Reference Collections 	<p>A</p> <p>A</p>



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FIREARMS (cont'd)	<u>Forensic Analysis</u> (cont'd) Test Firing to generate test samples of ammunition for inclusion in the NABIS database	Documented In house methods meeting the requirements of NABIS (NABIS-OP-04 & 012)	A
MARKS AND IMPRESSIONS Fingermarks Any material which is capable of retaining friction ridge marks	<u>Forensic Analysis</u> Enhancement of fingermarks, palm marks and Plantar	Documented In-House Methods using chemical enhancement and lighting techniques (method numbers provided in brackets) : <ul style="list-style-type: none"> - Acid Treatments: Acid Black 1, Acid Violet 17, Acid Yellow 7 (WI-FLU-LAB-001) - Cyanoacrylate (CNA) Fuming (WI-FLU-LAB-017) - Basic Yellow 40 (BY40) ethanol based (WI-FLU-LAB-002) - Physical Developer (WI-FLU-LAB-012) - Ninhydrin (WI-FLU-LAB-001) - Powdering Techniques : black granular, white granular, aluminium, magenta flake, black magnetic, white magent (WI-FLU-LAB-013) - Wet Powdering Techniques : carbon black, iron black, titanium white (WI-FLU-LAB-020) - Small particle reagent (WI-FLU-LAB-025) - Solvent Black 3 (WI-FLU-LAB-016) 1,2-indandione (WI-FLU-LAB-027) 	B



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<p>MARKS AND IMPRESSIONS (cont'd)</p> <p>Fingermarks Non-porous surfaces that are not susceptible to damage or delamination during the application and removal of the gel lifter</p> <p>Developed fingerprint marks</p> <p>Fingermark and palm mark friction ridge detail</p>	<p><u>Forensic Analysis</u> (cont'd)</p>	<p>Documented In-House Methods using lighting techniques</p> <ul style="list-style-type: none"> - White Light and Filtered Sources (WI-FLU-LAB-022) - High Energy Light Sources (WI-FLU-LAB-008) 	B
	Enhancement of fingermarks, palm marks and plantar marks	Documented In-House Methods for imaging / digital capture (WI-FLU-LAB-023)	B
		Documented in-house method WI-FLU-LAB-026 using BVDA gel lifters (black, white and transparent)	B
	Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison	Documented In-House methods using visual examination	B
	Visual analysis, comparison and evaluation of recovered friction ridge detail with finger, thumb and palm from:	Documented In-House method FU-QP-008 using visual examination, low power magnification, comparators, dimensional measurements and reference databases.	B
<ul style="list-style-type: none"> - Known ink TENPRINTS - Known electronic TENPRINTS <p><u>Opinion and Interpretation</u></p> <p>The evaluation of features between Fingermark and palm mark friction ridge detail</p>	<p>Documented In-House method FU-QP-008 using:</p> <ul style="list-style-type: none"> - Personal experience - database 	B	



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DIGITAL DEVICES AND DATA	<u>Forensic Analysis</u>		
Computers			
Data associated with the following: - Hard disk drives - Solid state drives - Microsoft Windows	Screening of digital media for the following: - Digital Images - Emails - Documents	Documented in-house method(s) using: - ADF Triage-Investigator (DIU-WI-103)	B
Computers and digital storage devices - Hard disk drives - Solid state drives - Memory cards - USB flash drives - -	Physical capture and preservation of data	Documented in-house method(s) using: - Guymager (DIU-WI-101) - X-Ways Forensics (DIU-WI-106) - Guidance Tableau T8u	B
Computers and digital storage devices - Hard disk drives - Solid state drives	Physical capture and preservation of data	Documented in-house method(s) using: - BlackBag MacQuisition (DIU-WI-104)	B
Computers and digital storage devices - Memory cards (SD, micro SD and CompactFlash only)	Physical capture and preservation of data	Documented in-house method using: - FTK Imager (DIU-WI-105)	

END