


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

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|  <p style="text-align: center;">Accredited to ISO/IEC 17025:2005</p> | Key Forensic Services Ltd | |
| | Issue No: 008 Issue date: 25 May 2010 | |
| | Unit 1 ATU1 University of Warwick Science Park Sir William Lyons Road Coventry West Midlands CV4 7EZ | Contact: Dr Roger King/Dr Chris Brereton Tel: +44 (0)2476 323399 Fax: +44 (0)2476 323398 E-Mail: info@keyforensic.co.uk Website: www.keyforensic.co.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 | | | | | | | | | | | | | | | | |
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| <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Address</td> <td>Local contact</td> </tr> <tr> <td>Unit 1</td> <td>Dr Chris Brereton</td> </tr> <tr> <td>ATU 1</td> <td></td> </tr> <tr> <td>University of Warwick Science Park</td> <td>Tel: +44 (0)2476 323399</td> </tr> <tr> <td>Sir William Lyons Road</td> <td>Fax: +44 (0)2476 323398</td> </tr> <tr> <td>Coventry</td> <td>E-Mail: info@keyforensic.co.uk</td> </tr> <tr> <td>West Midlands</td> <td>Website: www.keyforensic.co.uk</td> </tr> <tr> <td>CV4 7EZ</td> <td></td> </tr> </table> | Address | Local contact | Unit 1 | Dr Chris Brereton | ATU 1 | | University of Warwick Science Park | Tel: +44 (0)2476 323399 | Sir William Lyons Road | Fax: +44 (0)2476 323398 | Coventry | E-Mail: info@keyforensic.co.uk | West Midlands | Website: www.keyforensic.co.uk | CV4 7EZ | | Forensic Analysis | A |
| Address | Local contact | | | | | | | | | | | | | | | | | |
| Unit 1 | Dr Chris Brereton | | | | | | | | | | | | | | | | | |
| ATU 1 | | | | | | | | | | | | | | | | | | |
| University of Warwick Science Park | Tel: +44 (0)2476 323399 | | | | | | | | | | | | | | | | | |
| Sir William Lyons Road | Fax: +44 (0)2476 323398 | | | | | | | | | | | | | | | | | |
| Coventry | E-Mail: info@keyforensic.co.uk | | | | | | | | | | | | | | | | | |
| West Midlands | Website: www.keyforensic.co.uk | | | | | | | | | | | | | | | | | |
| CV4 7EZ | | | | | | | | | | | | | | | | | | |

Site activities performed away from the locations listed above:

| Location details | Activity | Location code | | | | | | | | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------|----------------------|-------------------|----------------|--|------------|-------------------------|---------|-------------------------|--|----------------------------------------------------------------------------|--|---------------------------------------------------------------------------|-------------------|---|
| <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Address</td> <td>Local contact</td> </tr> <tr> <td>207C Cavendish Place</td> <td>Dr Chris Brereton</td> </tr> <tr> <td>Birchwood Park</td> <td></td> </tr> <tr> <td>Warrington</td> <td>Tel: +44 (0)2476 323399</td> </tr> <tr> <td>WA3 6WU</td> <td>Fax: +44 (0)2476 323398</td> </tr> <tr> <td></td> <td>E-Mail: info@keyforensic.co.uk</td> </tr> <tr> <td></td> <td>Website: www.keyforensic.co.uk</td> </tr> </table> | Address | Local contact | 207C Cavendish Place | Dr Chris Brereton | Birchwood Park | | Warrington | Tel: +44 (0)2476 323399 | WA3 6WU | Fax: +44 (0)2476 323398 | | E-Mail: info@keyforensic.co.uk | | Website: www.keyforensic.co.uk | Forensic Analysis | B |
| Address | Local contact | | | | | | | | | | | | | | | |
| 207C Cavendish Place | Dr Chris Brereton | | | | | | | | | | | | | | | |
| Birchwood Park | | | | | | | | | | | | | | | | |
| Warrington | Tel: +44 (0)2476 323399 | | | | | | | | | | | | | | | |
| WA3 6WU | Fax: +44 (0)2476 323398 | | | | | | | | | | | | | | | |
| | E-Mail: info@keyforensic.co.uk | | | | | | | | | | | | | | | |
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Testing performed by the Organisation at the locations specified

DETAIL OF ACCREDITATION

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------|
| DRUGS AND BULK MATERIALS SUSPECTED OF CONTAINING DRUGS | <u>Forensic Analysis</u> Identification of: Cannabis Opiates Cocaine Amphetamine Ecstasy LSD (by TLC only) Psilocybin/Psilocin (by TLC only) | Documented in house methods using: spot tests and microscopy (presumptive); TLC; FTIR; GC-MS | A |
| | Quantification of : Amphetamine Cocaine Diamorphine MDMA | Documented in house method using HPLC | A |
| MOBILE PHONE HANDSETS AND SIM CARDS | Capture and preservation of electronic data and digital images | Documented in house method using manual and electronic retrieval | A |
| MARKS AND IMPRESSIONS | <u>Physical tests/Forensic analysis</u> | | |
| | Detection enhancement and comparison | Documented in house method using photography, low power microscopy, visual comparison, gel lifting and ESLA | A |
| Footwear marks | Comparison of crime scene footwear marks and suspect footwear | Documented in house method using visual comparison | A |
| | Identification of type of footwear | Documented in house method using visual comparison of known footwear sole patterns | A |
| GLASS | Search and recovery of glass from clothing and objects Comparison of glass fragments | Documented in house methods using refractive index by oil immersion, elemental analysis by SEM-EDX | A |



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| GUN SHOT RESIDUE (GSR) EXAMINATION | Search and recovery of GSR from casework items | Documented in house methods | A |
| FIBRES | Analysis and identification of GSR | Documented in house method using SEM-EDX | A |
| Natural and Man made fibres | Search and recovery from clothing and objects | Documented in house method using LPM and taping | A |
| Natural and Man made fibres | Comparison of fibres | Documented in house method using comparison microscopy | A |
| Natural and Man made fibres | Colour measurement and comparison | Documented in house method using microspectrophotometry (visible light) | A |
| Man made fibres | Identification of fibre type | Documented in house method using colour measurement (TLC), polarising microscopy, FTIR | A |
| HUMAN BODY FLUIDS (Blood and Urine) | Detection and quantification of alcohol in RTA cases | Documented in house method using GC-FID | A |
| ALCOHOL | Determination of alcohol content in submitted beverages | Documented in house method using GC-FID | A |
| PAINT | Search and recovery of paint samples from casework items | Documented in house method | A |
| FIREARMS | Analysis and identification of paint | Documented in house method using microspectrophotometry (MSP), SEM-EDX and FTIR (comparison purposes only) | A |
| FIREARMS | Firearm and ammunition identification | Documented in house method using visual examination, physical properties and features - use of reference sources | B |



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| FIREARMS (cont'd) | Range of fire determination | Documented in house method using appropriate weapon/ ammunition combination and target material to assess range of fire Comparison of test patterns of exhibits | B |
| | Trigger pressure (pull) measurement | Documented in house method using weights | B |
| | Test firing | Documented in house method assessing functionality of weapons and/or ammunition Recovering test samples of ammunition for comparison to exhibits | B |
| END | | | |