


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

|  |  |   |
|--|--|---|
| <br><b>Accredited to<br/>ISO/IEC 17025:2005</b> | <b>Tatlock and Thomson Ltd</b>   |   |
|  | <b>Issue No: 028    Issue date: 13 September 2011</b>                                      |   |
|  | <b>The Old Corn Exchange<br/>4 Hope Street<br/>Inverkeithing<br/>Scotland<br/>KY11 1LW</b> | <b>Contact: Dr H Riffkin<br/>Tel: +44 (0)1383 411017<br/>Fax: +44 (0)1383 411018<br/>E-Mail: lab@tatlockandthomson.com<br/>Website: www.TatlockandThomson.com</b> |
| <b>Testing performed by the Organisation at the locations specified below</b>  |  |   |

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

| Location details   | Activity         | Location code |
|--|------------------|---------------|
| <b>Address</b><br>The Old Corn Exchange<br>4 Hope Street<br>Inverkeithing<br>Scotland<br>KY11 1LW<br><br><b>Local contact</b><br>Dr H Riffkin<br><br>Tel: +44 (0)1383 411017<br>Fax: +44 (0)1383 411018<br>E-Mail: lab@tatlockandthomson.com<br>Website: www.TatlockandThomson.com | Chemical Testing | A             |

#### Site activities performed away from the locations listed above:

| Location details                                       | Activity  | Location code |
|--|---|---------------|
| Premises including domestic, commercial and industrial | Sampling of piped water supplies for chemical testing | B             |



1725  
Accredited to  
ISO/IEC 17025:2005

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

**Tatlock and Thomson Ltd**  
**Issue No: 028 Issue date: 13 September 2011**

Testing performed at main address only

DETAIL OF ACCREDITATION

| Materials/Products tested | Type of test/Properties measured/Range of measurement   | Standard specifications/ Equipment/Techniques used          | Location code |
|---------------------------|---|---|---------------|
| ALCOHOLIC BEVERAGES       | <u>Chemical Tests</u>   | Documented In-House Methods:                                |               |
|                           | Acidity, volatile, fixed and total  | Method No 1.3 based on AOAC 945.08 using titrimetry         | A             |
|                           | Alcohols (higher) and methanol:<br>Methanol<br>Propanol<br>Butanol<br>Amyl alcohols<br>Higher Alcohols (total)  | Method No 1.7 based on AOAC 968.09 using gas chromatography | A             |
| Spirits                   | Higher Alcohols and esters including:<br>Acetaldehyde<br>Ethyl Acetate<br>Acetal<br>Methanol<br>N-Propanol<br>Iso-butanol<br>Isoamyl acetate<br>N-butanol<br>Iso-amyl alcohol<br>Furfural | Method No 1.20 by capillary gas chromatography              | A             |
|                           | Aldehydes   | Method No 1.5 based on AOAC 950.05 using titrimetry         | A             |
|                           | Esters  | Method No 1.4 based on AOAC 950.05 using titrimetry         | A             |
|                           | Strength, by distillation   | Method No 1.8 using gravity bottle                          | A             |
|                           |   | Method No 1.8a using density meter                          | A             |
|                           | Strength, by obscuration  | Method No 1.1 using gravity bottle (accounting for solids)  | A             |
|                           |   | Method No 1.1a using density meter (accounting for solids)  | A             |



1725  
Accredited to  
ISO/IEC 17025:2005

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

**Tatlock and Thomson Ltd**  
**Issue No: 028 Issue date: 13 September 2011**

Testing performed at main address only

| Materials/Products tested    | Type of test/Properties measured/Range of measurement                                       | Standard specifications/ Equipment/Techniques used  | Location code |
|------------------------------|---|---|---------------|
| ALCOHOLIC BEVERAGES (cont'd) | <u>Chemical Tests</u> (cont'd)  | Documented In-House Methods:  |               |
|                              | Total solids  | Method No 1.1 based on AOAC 920.47  | A             |
|                              | Sulphur dioxide:  |   |               |
|                              | Qualitative screening   | Method 1.16a  | A             |
|                              | Quantitative determination  | Method 1.16b  | A             |
| POTABLE SPIRITS and WINES    | Lead  | Method 1.12 using AA  | A             |
| CEREAL BASED FOODS           | <u>Chemical Tests</u>   | Documented In-House Methods based on BS 4401  |               |
|                              | Protein (by calculation)  | Method 6.3 based on BS 4401:Part 2:1980   | A             |
|                              | N-Nitrosodimethylamine  | Method 10.1 - GC using TEA detection  | A             |
| (unboiled worts of malts)    | Fermentability  | Method 10.2 based on IOB Standard   | A             |
| WATERS, POTABLE              | <u>Chemical Tests</u>   | Documented In-House Methods based on the Standing Committee of Analysts (Blue Book) Methods, HMSO |               |
|                              | Anions:<br>Bromide<br>Chloride<br>Fluoride<br>Nitrate<br>Nitrite<br>Phosphate-p<br>Sulphate | Method No 2.21 using Ion Chromatography   | A             |
|                              | Cations:<br>Calcium<br>Magnesium<br>Potassium<br>Sodium                                     | Method No 2.22 using Ion Chromatography   | A             |



1725  
Accredited to  
ISO/IEC 17025:2005

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

**Tatlock and Thomson Ltd**  
**Issue No: 028 Issue date: 13 September 2011**

Testing performed at main address only

| Materials/Products tested             | Type of test/Properties measured/Range of measurement                     | Standard specifications/ Equipment/Techniques used  | Location code |
|---------------------------------------|---|---|---------------|
| WATERS, POTABLE<br>(cont'd)           | <u>Chemical Tests</u> (cont'd)  | Documented In-House Methods based on the Standing Committee of Analysts (Blue Book) Methods, HMSO |               |
|                                       | Total metals:<br>Aluminium<br>Copper<br>Iron<br>Lead<br>Manganese<br>Zinc | Method 2.27 using ICP-MS  | A             |
|                                       | Alkalinity  | Method No 2.10 using titrimetry   | A             |
|                                       | Conductivity  | Method No 2.3 using conductivity meter  | A             |
|                                       | Oxidisability   | Method No 2.4 (permanganate index)  | A             |
|                                       | pH  | Method No 2.2 using pH meter  | A             |
| <b>WATERS</b><br>Piped water supplies | <b>Sampling for</b><br>Chemical Testing                                   | Method No 2.0   | B             |
| END                                   |   |   |               |