Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity	Location code
Address Ullswater Close Blyth Riverside Business Park Northumberland NE24 4RG United Kingdom	Local contact Adrian Hickson Tel: +44 (0)1670 352891 E-Mail: adrian.hickson@draeger.com	Drug Screening Instrument calibration	A

Site activities performed away from the locations listed above:

Location details		Activity	Location code
Customers Sites	Contact: Adrian Hickson Tel: +44 (0)1670 352891 E-Mail: Adrian.hickson@draeger.com	Drug Screening Instrument calibration	В



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Draeger Safety UK Limited

4468 Accredited to ISO/IEC 17025:2017

Issue No: 006 Issue date: 06 Febraury 2024

Calibration performed at main address only

Calibration and Measurement Capability (CMC)

Measured Quantity Instrument or Gauge	Range	Expanded Measurement Uncertainty (<i>k</i> = 2)	Remarks	Location Code		
CALIBRATION OF HOME OFFICE TYPE APPROVED DRUG SCREENING INSTRUMENTS			Home Office Type Approved Drug Screening Instruments manufactured by or for Draeger Safety UK Ltd			
Draeger Drug Test 5000:			Calibration at Draeger permanent laboratory and at customer sites			
Time of day	Time and date at which the calibration was conducted	2.0 seconds		A & B		
Presence/Absence of Δ9-THC (delta-9- tetrahydrocannabinol) in Saliva at 10ng	Qualitative Presence/ Absence (Detected/Not Detected) about nominal concentration of 10ng/ml	75%	SOP DPI-026 using Draeger Drug Test 5000	A		
Presence/Absence of Δ9-THC (delta-9- tetrahydrocannabinol) in Saliva at 10ng	Qualitative Presence/ Absence (Detected/Not Detected) about nominal concentration of 10ng/ml	75%	SOP DPI-025 using Draeger Drug Test 5000	В		
Presence/Absence of cocaine in Saliva at 30ng/ml	Qualitative Presence/ Absence (Detected/Not Detected) about nominal concentration of 30ng/ml	75%	SOP DPI-026 using Draeger Drug Test 5000	A		
Presence/Absence of cocaine in Saliva at 30ng/ml	Qualitative Presence/ Absence (Detected/Not Detected) about nominal concentration of 30ng/ml	75%	SOP DPI-025 using Draeger Drug Test 5000	В		
END						



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Appendix - Calibration and Measurement Capabilities

Introduction

The definitive statement of the accreditation status of a calibration laboratory is the Accreditation Certificate and the associated Schedule of Accreditation. This Schedule of Accreditation is a critical document, as it defines the measurement capabilities, ranges and boundaries of the calibration activities for which the organisation holds accreditation.

Calibration and Measurement Capabilities (CMCs)

The capabilities provided by accredited calibration laboratories are described by the Calibration and Measurement Capability (CMC), which expresses the lowest measurement uncertainty that can be achieved during a calibration. If a particular device under calibration itself contributes significantly to the uncertainty (for example, if it has limited resolution or exhibits significant non-repeatability) then the uncertainty quoted on a calibration certificate will be increased to account for such factors.

The CMC is normally used to describe the uncertainty that appears in an accredited calibration laboratory's schedule of accreditation and is the uncertainty for which the laboratory has been accredited using the procedure that was the subject of assessment. The measurement uncertainty is calculated according to the procedures given in the GUM and is normally stated as an expanded uncertainty at a coverage probability of 95 %, which usually requires the use of a coverage factor of k = 2. An accredited laboratory is not permitted to quote an uncertainty that is smaller than the published measurement uncertainty in certificates issued under its accreditation.

Expression of CMCs - symbols and units

It should be noted that the percentage symbol (%) represents the number 0.01. In cases where the measurement uncertainty is stated as a percentage, this is to be interpreted as meaning percentage of the measurand. Thus, for example, a measurement uncertainty of 1.5 % means $1.5 \times 0.01 \times q$, where *q* is the quantity value.

The notation Q[a, b] stands for the root-sum-square of the terms between brackets: $Q[a, b] = [a^2 + b^2]^{1/2}$