

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 27146 Accredited to ISO/IEC 17025:2017	Premier Calibrations Limited	
	Issue No: 004 Issue date: 16 March 2026	
	219 Bentley Road Bentley Doncaster DN5 9TB	Contact: Mr Adrian King Tel: +44 (0)1302 787333 E-Mail: premc@premc.co.uk Website: www.premier-calibration.co.uk

Calibration performed by the Organisations at the locations specified below

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address 219 Bentley Road Bentley Doncaster DN5 9TB Local contact Mr Adrian King Tel: +44 (0)1302 787333 Email: premc@premc.co.uk Website: www.premier-calibration.co.uk	Pressure and electrical instrument calibration	Lab

Site activities performed away from the locations listed above:

Location details	Activity	Location code
Calibrations can be performed in a temperature controlled mobile calibration laboratory.	Torque wrench, torque screwdriver, electrical and pressure instrument calibration. Dimensional calibration.	Mobile

Location details	Activity	Location code
The customers' site or premises must be suitable for the nature of the particular calibrations undertaken and will be the subject of contract review arrangements between the laboratory and the customer.	Pressure and electrical instrument calibration	Site



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Calibration and Measurement Capability (CMC)

Measured Quantity Instrument or Gauge	Range	Expanded Measurement Uncertainty (k = 2)	Remarks	Location Code
PRESSURE			Methods consistent with EURAMET CG17.	Lab, Mobile & Site
Hydraulic Pressure (Gauge)				
Calibration of pressure indicating instruments and gauges	0 MPa to 100 MPa	38 kPa		
Gas Pressure (Gauge)				
Calibration of pressure indicating instruments and gauges	- 83 kPa to 0 kPa 0 kPa to 2 MPa	0.54 kPa 0.48 kPa		
TORQUE				Mobile
Hand Torque Tools				
Wrenches	BS EN ISO 6789-2:2017 0.15 N·m to 1500 N·m	1.0 %	The uncertainty quoted is for both the application of the calibration torque and the characteristics of the device being calibrated.	
Wrenches and Screwdrivers	BS EN ISO 6789:2003 (withdrawn) 0.15 N·m to 1500 N·m	1.6 %	Calibrations may also be given in lbf·in and lbf·ft.	
ELECTRICAL			All electrical calibrations are performed as a direct comparison against a reference standard unless otherwise stated	Lab, Mobile & Site
DC VOLTAGE				
Generation	0 mV to 200 mV 200 mV to 2 V 2 V to 20 V 20 V to 200 V 200 V to 1 kV	Q[58 µV/V, 5.0 µV] Q[58 µV/V, 43 µV] Q[58 µV/V, 0.38 mV] Q[58 µV/V, 4.0 mV] Q[58 µV/V, 24 mV]	For the calibration of voltage measuring instruments	
Measurement	0 mV to 100 mV 100 mV to 1 V 1 V to 10 V 10 V to 100 V 100 V to 1 kV	Q[60 µV/V, 7.0 µV] Q[50 µV/V, 48 µV] Q[40 µV/V, 0.42 mV] Q[50 µV/V, 5.5 mV] Q[50 µV/V, 53 mV]	For measurement of instrument outputs	
DC RESISTANCE				
Generation	10 Ω 100 Ω 1 kΩ 10 kΩ 100 kΩ 1 MΩ 10 MΩ 100 MΩ	13 mΩ 16 mΩ 0.12 Ω 1.2 Ω 12 Ω 0.23 Ω 7.5 kΩ 0.76 MΩ	For the calibration of resistance measuring instruments	



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Measured Quantity Instrument or Gauge	Range	Expanded Measurement Uncertainty (k = 2)	Remarks	Location Code
DC RESISTANCE (Ctd)				
Measurement	0 Ω to 100 Ω 100 Ω to 1 kΩ 1 kΩ to 10 kΩ 10 kΩ to 100 kΩ 100 kΩ to 1 MΩ 1 MΩ to 10 MΩ 10 MΩ to 100 MΩ	Q[0.012 %, 19 mΩ] Q[0.012 %, 0.10 Ω] Q[0.012 %, 1.0 Ω] Q[0.012 %, 10 Ω] Q[0.012 %, 0.10 kΩ] Q[0.046 %, 2.0 kΩ] Q[1.0 %, 21 kΩ]	For measurement of instrument outputs	Lab, Mobile & Site
DC CURRENT				
Generation	0 μA to 200 μA 200 μA to 2 mA 2 mA to 20 mA 20 mA to 200 mA 200 mA to 2 A 2 A to 20 A	Q[0.014 %, 24 nA] Q[0.012 %, 99 nA] Q[0.012 %, 1.0 μA] Q[0.014 %, 13 μA] Q[0.058 %, 0.14 mA] Q[0.058 %, 1.30 mA]	For the calibration of current measuring instruments	
Measurement	0 mA to 10 mA 10 mA to 100 mA 100 mA to 1 A 1 A to 3 A	Q[0.058 %, 2.9 μA] Q[0.058 %, 19 μA] Q[0.115 %, 0.25 mA] Q[0.14 %, 3.4 mA]	For measurement of instrument outputs	
AC VOLTAGE				
Generation	20 mV to 200 mV 45 Hz to 2 kHz 2 kHz to 20 kHz	Q[0.04 %, 54 μV] Q[0.115 %, 230 μV]	For the calibration of voltage measuring instruments	
	200 mV to 2 V 45 Hz to 2 kHz 2 kHz to 20 kHz 20 kHz to 100 kHz	Q[0.04 %, 350 μV] Q[0.067 %, 602 μV] Q[0.231 %, 3.5 mV]		
	2 V to 20 V 45 Hz to 2 kHz 2 kHz to 20 kHz 20 kHz to 100 kHz	Q[0.04 %, 3.5 mV] Q[0.081 %, 6.0 mV] Q[0.346 %, 35.2 mV]		
	20 V to 200 V 40 Hz to 2 kHz 2 kHz to 20 kHz	Q[0.052 %, 35 mV] Q[0.104 %, 60 mV]		
	200 V to 1000 V 45 Hz to 2 kHz 2 kHz to 20 kHz	Q[0.052 %, 451 mV] Q[0.104 %, 796 mV]		



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Measured Quantity Instrument or Gauge	Range	Expanded Measurement Uncertainty (k = 2)	Remarks	Location Code
AC VOLTAGE (Ctd) Measurement	10 mV to 100 mV 40 Hz to 20 kHz 20 kHz to 50 kHz 100 mV to 1 V 40 Hz to 20 kHz 20 kHz to 50 kHz 1 V to 10 V 40 Hz to 20 kHz 20 kHz to 50 kHz 10 V to 100 V 40 Hz to 20 kHz 20 kHz to 50 kHz 100 V to 750 V 40 Hz to 20 kHz 20 kHz to 50 kHz	Q[0.069 %, 0.52 mV] Q[0.14 %, 0.26 mV] Q[0.069 %, 0.66 mV] Q[0.14 %, 1.3 mV] Q[0.069 %, 7.1 mV] Q[0.014 %, 16 mV] Q[0.069 %, 0.18 V] Q[0.14 %, 0.19 V] Q[0.069 %, 1.3 V] Q[0.014 %, 1.4 V]	For measurement of instrument outputs	Lab, Mobile & Site
AC CURRENT Generation	40 Hz to 2 kHz 20 µA to 200 µA 200 µA to 2 mA 2 mA to 20 mA 20 mA to 200 mA 200 mA to 2 A 2 A to 20 A	Q[0.081 %, 0.35 µA] Q[0.081 %, 0.61 µA] Q[0.081 %, 5.3 µA] Q[0.081 %, 53 µA] Q[0.11 %, 0.68 mA] Q[0.17 %, 8.5mA]	For the calibration of current measuring instruments	
Measurement	40 Hz to 5 kHz 0 mA to 1 A 1 A to 3 A	Q[0.12 %, 1.3 mA] Q[0.18 %, 11 mA]	For measurement of instrument outputs	
RANGE IN MILLIMETRES AND UNCERTAINTY IN MICROMETRES UNLESS OTHERWISE STATED				
DIMENSIONAL Plain plug gauges parallel	1 to 75	3.8	All linear calibrations may be given in inch units. Calibration using a non- contact measuring instrument.	Mobile
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: $Q[a, b] = [a^2 + b^2]^{1/2}$