

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 4357 Accredited to ISO/IEC 17025:2005	Element Materials Technology ME Limited Abu-Dhabi	
	Issue No: 012 Issue date: 07 March 2019	
	Element Materials Technology ME Limited Abu Dhabi Plot 25 Old Airport Road Umm Al Naar (Sas Al Nakhl) Abu Dhabi United Arab Emirates	Contact: Jeneiliza Gayoba Tel: + 971(0) 4 439 5800 Fax: + 971(0) 4 439 3699 E-Mail: info.abudhabi@element.com Website: www.element.com
Calibration performed by the Organisations at the locations specified below		

Locations covered by the organisation and their relevant activities

Site activities performed away from the locations listed above:

Location details	Activity	Location code
Address Element Materials Technology ME Limited Abu Dhabi Plot 25 Old Airport Road Umm Al Naar (Sas Al Nakhl) Abu Dhabi United Arab Emirates	Length	P
Customers' sites or premises The customer's sites or premises must be suitable for the nature of the particular calibrations undertaken and will be subject of contract review arrangements between the laboratory and the customer	Force Mass - weighing machines (non-automatic)	S



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DETAIL OF ACCREDITATION

Measured Quantity Instrument or Gauge	Range	Calibration and Measurement Capability (CMC) Expressed as an Expanded Uncertainty ($k=2$)	Remarks	Location Code
FORCE UNIVERSAL TESTING MACHINES Verification and calibration of the force measuring system by force proving instruments in compression	0.20 kN to 500 kN for Class 0.5, 1, 2 and 3 machines to BS EN ISO 7500- 1:2015 and ASTM E4-16 0.10 kN up to 3 MN for Class 1, 2 and 3 machines to BS EN ISO 7500-1:2015and ASTM E4-16	0.27 % 0.35 %		S
CONCRETE CUBE TESTING MACHINES Verification and calibration of the force measuring system by force proving instruments in compression	0.20 kN to 500 kN for Class 0.5, 1, 2 and 3 machines to BS EN ISO 7500- 1:2015 0.10 kN to 3 MN for Class 1, 2 and 3 machines to BS EN ISO 7500-1:2015 See note 1	0.27 % 0.35 %	1. Calibration also include the alignment and restraint of the upper machine platen required by BS EN 12390-4:2000 and BS 1881:Part 115 1986 (superseded)	S
Flatness of Platens and Spacing Blocks	40 mm to 300 mm BS EN 12390-4:2000 and BS 1881 Part 115:1986 (superseded)	0.010 mm		
FORCE MEASURING DEVICES Calibration of force measuring devices used in soil testing machines in compression	0.10 kN to 100 kN BS 1377:Part 1:2016	0.33 %		S



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Measured Quantity Instrument or Gauge	Range	Calibration and Measurement Capability (CMC) Expressed as an Expanded Uncertainty ($k=2$)	Remarks	Location Code
LENGTH Extensometers	As BS EN ISO 9513:2012 for the following classes and gauge lengths: Class 0.2 from 25 mm Class 0.5 from 10 mm Class 1 from 5 mm Class 2 from 5 mm Displacements 0.02 mm to 2.5 mm As ASTM E83-10 for the following classes and gauge lengths: Class A from 25 mm Class B-1 from 10 mm Class B-2 from 5 mm Class C from 5 mm Displacements 0.02 mm to 2.5 mm	1.7 micrometres		S
MEASURING INSTRUMENTS AND MACHINES				
Micrometer External	As JIS B 7502:2016 0 to 25 mm	2.0 micrometres between any two points		P
Callipers	As JIS B 7507:2016 0 to 300 mm	15 micrometres		
Dial Gauges	As JIS B 7503-2017 and ISO 463:2006 0 – 25 mm	1.2 micrometres	Errors of indication, repeatability and hysteresis only	P



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MASS NON AUTOMATIC WEIGHING MACHINES	100 g 200 g 500 g 1 kg 2 kg 5 kg 10 kg 20 kg 50 kg 100 kg	0.18 mg 0.35 mg 0.90 mg 2.7 mg 3.6 mg 9.0 mg 28 mg 355 mg 732 mg 1.3 g See notes 2,3 and 4	2. Weights are available in OIML Class E2 from 1 mg to 500 mg Max grouped load 1 g F1 from 1 g to 10 kg Max grouped load 15 kg M1 20 kg Max. grouped load 100 kg 3. Other loads within the overall listed range may also be used 4. Weighing machines can be calibrated to ASTM E898:88 (Reapproved 2013) requirements	S
END				