

of **Globetech Laboratories Ltd.**

**Nicosia, Cyprus**

Valid from: **25-01-2010** until **01-02-2011**

Replaces annex dated: **18-07-2008**

Measured quantity, Instrument, Gauge	Range	Best measurement capabilities ( $k=2$ )	Remarks
MW 1 0 Mass			
MW 1 1 Mass pieces	20 kg	100 mg	Conventional mass  Density of mass pieces: (7000 – 9300) kg/m <sup>3</sup> .; (OIML R33, R111)
	10 kg	90 mg	
	5 kg	90 mg	
	2 kg	10 mg	
	1 kg	9 mg	
	500 g	9 mg	
	200 g	0,2 mg	
	100 g	0,1 mg	
	50 g	0,09 mg	
	20 g	0,031 mg	
	10 g	0,026 mg	
	5 g	0,021 mg	
	2 g	0,017 mg	
	1 g	0,015 mg	
	500 mg	0,014 mg	
	200 mg	0,012 mg	
	100 mg	0,011 mg	
	50 mg	0,011 mg	
	20 mg	0,010 mg	
	10 mg	0,009 mg	
	5 mg	0,009 mg	
	2 mg	0,009 mg	
	1 mg	0,009 mg	

This annex has been approved by:

Ir. J.C. van der Poel  
Chief Executive

of **Globetech Laboratories Ltd.**

**Nicosia, Cyprus**

Valid from: **25-01-2010** until **01-02-2011**

Replaces annex dated: **18-07-2008**

Measured quantity, Instrument, Gauge	Range	Best measurement capabilities ( $k=2$ )	Remarks
MW 1 2 Weighing Instruments			
Non-automatic weighing machines	1 mg to 1 g	(6 - 30) $\mu\text{g}$ (class E2)	Calibration can be performed on site and on permanent laboratory premises.
	1 g to 200 g	(30 - 300) $\mu\text{g}$ (class E2)	
	200 g to 40 kg	$5 \cdot 10^{-6}$ m (class F1)	
	40 kg to 600 kg	$50 \cdot 10^{-6}$ m (class M1)	
PV 1 2 Pressure			
Pneumatic Pressure Manometers & Pressure Gauges (Electronic / Analogue)	0 to 2,5 MPa	$4 \times 10^{-3}$ MPa	Calibration can be performed on site and on permanent laboratory premises.
PV 2 2 Hydraulic Pressure Manometers & Pressure Gauges (Electronic / Analogue)	0 to 70 MPa	$4 \times 10^{-2}$ MPa	
TE 0 0 TEMPERATURE			Calibration can be performed on site and on permanent laboratory premises
TE 3 0 Temperature Calibration of Temperature Block Calibrators	-40 to 250 °C	0,05 °C	
	250 to 600 °C	0,08 °C	
TE 3 1 Calibration of Temperature Liquid Baths	-40 to 250 °C	0,05 °C	
TE 4 1 Self Indicating Thermometer (Electronic / Analogue)	-40 to 150 °C	0,08 °C	
	150 to 650 °C	(0,2 – 0,5) °C	

Annex to ISO/IEC 17025 accreditation-certificate  
number: **K 131**

of **Globetech Laboratories Ltd.**

**Nicosia, Cyprus**

Valid from: **25-01-2010** until **01-02-2011**

Replaces annex dated: **18-07-2008**

Remarks:

- The calibrations are carried out at an ambient temperature of nominal 23 °C.
- Best measurement capability: the highest achievable accuracy for a given measuring point or measuring range, expressed as the total positive and negative measurement uncertainty.
- The measurement uncertainty is calculated according to EA-4/02 "Expression of the Uncertainty of Measurement in Calibration.
- The weighing instruments, pressure and temperature calibrations refers to calibrations performed on site and on permanent laboratory premises; Mass pieces are calibrated in the permanent laboratory.
- Globetech Laboratories Ltd. Perform the calibration activities as a third party laboratory.