



Accreditation Scope

Golden Circle Equipment Solutions LLC. SP, NAL 249
Calibration Laboratory, (ISO/IEC 17025:2017)

office 2 & 3, building no.3472, muwaileh, sharjah, UAE, Sharjah, United Arab Emirates

Issue Date: 24/04/2026

Expiry Date: 23/04/2029

Issue No: 1

Calibration Field/ Quantity/ Property	Measurand / Equipment	Measurement Range	Expanded Measurement Uncertainty (k=2)	Calibration Method (Standard/ Internal Procedure)	Permanent lab (P)/Client- site
Measurement of force, weight and pressure	Vacuum Gauge	(-0.9 to 0) bar	0.005 bar	GCES/CAL/CWI- 01:2025	P
Measurement of force, weight and pressure	Pressure Indicating Instrument (Pneumatic)	(0 to 40) bar	0.007 bar	GCES/CAL/CWI- 01:2025	p
Measurement of force, weight and pressure	Pressure Indicating Instrument (Hydraulic)	(2 to 200) bar	0.02 bar	GCES/CAL/CWI- 01:2025	P
Measurement of force, weight and pressure	Pressure Indicating Instrument (Hydraulic)	> (200 to 1000) bar	0.11 bar	GCES/CAL/CWI- 01:2025	P
Thermodynamics and temperature measurements	Direct Reading Thermometer with RTD Probe using Dry-block as Heat Source	(-40 to 100) °C	0.12 °C	GCES/CAL/CWI- 04:2025	P

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Thermodynamics and temperature measurements	Direct Reading Thermometer with RTD Probe using Dry-block as Heat Source	(100 to 150) °C	0.30 °C	GCES/CAL/CWI-04-2025	P
Thermodynamics and temperature measurements	Direct Reading Thermometer with RTD Probe using Oil Bath as Heat Source	(50 to 150) °C	0.12 °C	GCES/CAL/CWI-04-2025	P
Thermodynamics and temperature measurements	Direct Reading Thermometer with RTD Probe using Oil Bath as Heat Source	(>150 to 250) °C	0.35 °C	GCES/CAL/CWI-04-2025	P
Thermodynamics and temperature measurements	Direct Reading Thermometer with RTD Probe using Dry-block as Heat Source	(50 to 150) °C	0.13 °C	GCES/CAL/CWI-04-2025	P
Thermodynamics and temperature measurements	Direct Reading Thermometer with RTD Probe using Dry-block as Heat Source	(>150 to 300) °C	0.80 °C	GCES/CAL/CWI-04-2025	P
Thermodynamics and temperature measurements	Direct Reading Thermometer with RTD Probe using Dry-block as Heat Source	(>300 to 650) °C	1.5 °C	GCES/CAL/CWI-04-2025	P

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Thermodynamics and temperature measurements	Direct Reading Thermometer with TC Probe using Dry-block as Heat Source	(-40 to 150) °C	0.17 °C	GCES/CAL/CWI-04-2025	P
Thermodynamics and temperature measurements	Direct Reading Thermometer with TC Probe using Oil Bath as Heat Source	(50 to 150) °C	0.17 °C	GCES/CAL/CWI-04-2025	P
Thermodynamics and temperature measurements	Direct Reading Thermometer with TC Probe using Oil Bath as Heat Source	(>150 to 250) °C	0.32 °C	GCES/CAL/CWI-04-2025	P
Thermodynamics and temperature measurements	Direct Reading Thermometer with TC Probe using Dry-block as Heat Source	(50 to 150) °C	0.17 °C	GCES/CAL/CWI-04-2025	P
Thermodynamics and temperature measurements	Direct Reading Thermometer with TC Probe using Dry-block as Heat Source	(>150 to 300) °C	0.33 °C	GCES/CAL/CWI-04-2025	P
Thermodynamics and temperature measurements	Direct Reading Thermometer with TC Probe using Dry-block as Heat Source	(>300 to 650) °C	0.81 °C	GCES/CAL/CWI-04-2025	P

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Thermodynamics and temperature measurements	Direct Reading Thermometer with TC Probe using Dry-block as Heat Source	(>600 to 800) °C	0.96 °C	GCES/CAL/CWI-04-2025	P
Thermodynamics and temperature measurements	Direct Reading Thermometer with TC Probe using Dry-block as Heat Source	(>800 to 1000) °C	1.7 °C	GCES/CAL/CWI-04-2025	P
Thermodynamics and temperature measurements	Direct Reading Thermometer with TC Probe using Dry-block as Heat Source	(> 1000 to 1200) °C	3.4 °C	GCES/CAL/CWI-04-2025	P
Thermodynamics and temperature measurements	Analog Dial Thermometer with TC Probe using Dry-block as Heat Source	(-40 to 150) °C	0.6 °C	GCES/CAL/CWI-04-2025	P
Thermodynamics and temperature measurements	Analog Dial Thermometer with TC Probe using Oil Bath as Heat Source	(50 to 150) °C	0.6 °C	GCES/CAL/CWI-04-2025	P
Thermodynamics and temperature measurements	Analog Dial Thermometer with TC Probe using Oil Bath as Heat Source	(>150 to 250) °C	0.7 °C	GCES/CAL/CWI-04-2025	P

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Thermodynamics and temperature measurements	Analog Dial Thermometer with TC Probe using Dry-block as Heat Source	(50 to 300) °C	1.2 °C	GCES/CAL/CWI-04-2025	P
Thermodynamics and temperature measurements	Analog Dial Thermometer with TC Probe using Dry-block as Heat Source	(>300 to 650) °C	1.5 °C	GCES/CAL/CWI-04-2025	P
Thermodynamics and temperature measurements	Analog Dial Thermometer with TC Probe using Dry-block as Heat Source	(>600 to 800) °C	1.5 °C	GCES/CAL/CWI-04-2025	P
Thermodynamics and temperature measurements	Analog Dial Thermometer with TC Probe using Dry-block as Heat Source	(>800 to 1000) °C	2.1 °C	GCES/CAL/CWI-04-2025	P
Thermodynamics and temperature measurements	Analog Dial Thermometer with TC Probe using Dry-block as Heat Source	(> 1000 to 1200) °C	3.6 °C	GCES/CAL/CWI-04-2025	P
Thermodynamics and temperature measurements	Drying Oven	(50 to 150) °C	1.0 °C	GCES/CAL/CWI-03-2025	P

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Thermodynamics and temperature measurements	Drying Oven	(> 150 to 200) °C	2.0 °C	GCES/CAL/CWI-03-2025	P
Thermodynamics and temperature measurements	Incubator	(20 to 70) °C	0.5 °C	GCES/CAL/CWI-03-2025	S
Thermodynamics and temperature measurements	Water Bath	(5 to 99) °C	0.5 °C	GCES/CAL/CWI-03-2025	S
Thermodynamics and temperature measurements	Liquid Bath	(10 to 200) °C	1.0 °C	GCES/CAL/CWI-03-2025	S
Thermodynamics and temperature measurements	Refrigerator/Chiller	(0 to 20) °C	0.4 °C	GCES/CAL/CWI-03-2025	S
Thermodynamics and temperature measurements	Freezer	(-20 to 0) °C	0.5 °C	GCES/CAL/CWI-03-2025	S
Thermodynamics and temperature measurements	Environmental Chamber	(40 to 200) °C	2.0 °C	GCES/CAL/CWI-03-2025	S
Thermodynamics and temperature measurements	Hot Cabinet	(40 to 200) °C	2.0 °C	GCES/CAL/CWI-03-2025	S
Thermodynamics and temperature measurements	Block Calibrator	(-40 to 150) °C	0.16 °C	GCES/CAL/CWI-04-2025	S/P

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Thermodynamics and temperature measurements	Block Calibrator	(> 150 to 300) °C	0.42 °C	GCES/CAL/CWI-04-2025	S/P
Thermodynamics and temperature measurements	Block Calibrator	(> 300 to 600) °C	0.84 °C	GCES/CAL/CWI-04-2025	S/P
Thermodynamics and temperature measurements	Block Calibrator	(> 600 to 800) °C	1.2 °C	GCES/CAL/CWI-04-2025	S/P
Thermodynamics and temperature measurements	Block Calibrator	(> 800 to 1000) °C	1.5 °C	GCES/CAL/CWI-04-2025	S/P
Thermodynamics and temperature measurements	Block Calibrator	(>1000 to 1200) °C	3.0 °C	GCES/CAL/CWI-04-2025	S/P
Measurement of force, weight and pressure	Weighing Balance	1 mg to 100 g	0.35 mg	GCES/CAL/CWI-05-2025	S/P
Measurement of force, weight and pressure	Weighing Balance	>100 g to 200 g	0.66 mg	GCES/CAL/CWI-05-2025	S/P
Measurement of force, weight and pressure	Weighing Balance	> 200 g to 1000 g	0.01 g	GCES/CAL/CWI-05-2025	S/P
Measurement of force, weight and pressure	Weighing Balance	> 1 kg to 10 kg	0.13 g	GCES/CAL/CWI-05-2025	S/P
Measurement of force, weight and pressure	Weighing Balance	> 10 kg to 50 kg	1.0 g	GCES/CAL/CWI-05-2025	S/P

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Measurement of force, weight and pressure	Weighing Balance	> 50 kg to 100 kg	2.6 g	GCES/CAL/CWI-05-2025	S/P
Measurement of force, weight and pressure	Weighing Balance	> 100 kg to 300 kg	7.7 g	GCES/CAL/CWI-05-2025	S/P
Measurement of force, weight and pressure	Weights	5 kg	0.1 g	GCES/CAL/CWI-06-2025	P
Measurement of force, weight and pressure	Weights	10 kg	0.2 g	GCES/CAL/CWI-06-2025	P
Measurement of force, weight and pressure	Weights	20 kg	0.3 g	GCES/CAL/CWI-06-2025	P
Measurement of force, weight and pressure	CTM/UTM	(1 to 10) kN	0.001	GCES/CAL/CWI-07-2025	S
Measurement of force, weight and pressure	CTM/UTM	(>10 to 100) kN	0.001	GCES/CAL/CWI-07-2025	S
Measurement of force, weight and pressure	CTM/UTM	(>100 to 600) kN	0.001	GCES/CAL/CWI-07-2025	S
Measurement of force, weight and pressure	CTM/UTM	(> 600 to 3000) kN	0.0013	GCES/CAL/CWI-07-2025	S
Measurement of force, weight and pressure	CTM STABILITY VERIFICATION	(200 to 2000) kN	0.0022	GCES/CAL/CWI-14-2025	S
Electricity. Magnetism. Electrical and magnetic measurements	DC Voltage	40V	0.004V	GCES/CAL/CWI-08-2025	S/P

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Electricity. Magnetism. Electrical and magnetic measurements	DC Voltage	60V	0.02V	GCES/CAL/CWI- 08-2025	S/P
Electricity. Magnetism. Electrical and magnetic measurements	DC Voltage	150	0.02V	GCES/CAL/CWI- 08-2025	S/P
Measurement of time, velocity, acceleration, angular velocity	Centrifuge extractor machine, motor or similar	(60 to 500) rpm (> 500 to 1000) rpm (>1000 to 6000) rpm (> 6000 to 10000) rpm (> 10000 to 25000) rpm	1.0 rpm 1.0 rpm 6.0 rpm 10 rpm 50 rpm	GCES/CAL/CWI- 16-2025	S
Linear and angular measurements	Dial gauge	(0.5 to 25) mm	0.004 mm	GCES/CAL/CWI- 10-2025	P
Linear and angular measurements	Vernier Caliper	(0.5 to 300) mm	0.03 mm	GCES/CAL/CWI- 11-2025	P
Linear and angular measurements	Vernier Caliper	(> 300 to 600) mm	0.04 mm	GCES/CAL/CWI- 11-2025	P
END					

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