



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

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
Linear and angular measurements	Vernier caliper -All types-Digital / Dial / Ordinary -Metric/Inch L.c. : 0.01 mm and above	0-200 mm	8 µm	Internal procedure : GTS-ENWP-22	P/S
Linear and angular measurements	Vernier caliper -All types-Digital / Dial / Ordinary -Metric/Inch L.c. : 0.01 mm and above	> 200mm to 300mm	9 µm	Internal procedure : GTS-ENWP-22	P/S
Linear and angular measurements	Vernier caliper -All types-Digital / Dial / Ordinary -Metric/Inch L.c. : 0.01 mm and above	>300mm to 600mm	12 µm	Internal procedure : GTS-ENWP-22	P/S
Linear and angular measurements	Vernier caliper -All types-Digital / Dial / Ordinary -Metric/Inch L.c. : 0.01 mm and above	>600mm to 1000mm	18 µm	Internal procedure : GTS-ENWP-22	P/S
Linear and angular measurements	Vernier caliper -All types-Digital / Dial / Ordinary -Metric/Inch L.c. : 0.01 mm and above	>1000mm to 1500mm	30 µm	Internal procedure : GTS-ENWP-22	P/S
Linear and angular measurements	Vernier caliper -All types-Digital / Dial / Ordinary -Metric/Inch L.c. : 0.01 mm and above	>1500mm to 2000mm	40 µm	Internal procedure : GTS-ENWP-22	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Vernier caliper -All types-Digital / Dial / Ordinary -Metric/Inch L.c. : 0.01 mm and above	>2000 mm to 3000 mm	50 µm	Internal procedure : GTS-ENWP-22	P/S
Linear and angular measurements	RTJ Caliper-Metric /Inch	0- 1000 mm (Inside / outside diameter)	(21 + 0.01* L) µm, (where L in mm)	Internal procedure : GTS-ENWP-22 A	P/S
Linear and angular measurements	RTJ Caliper-Metric /Inch	Angle	0.14 deg. Arc	Internal procedure : GTS-ENWP-22 A	P/S
Linear and angular measurements	Three point Caliper- Metric /Inch	0 - 450 mm	14 µm	Internal procedure : GTS-ENWP-96	P/S
Linear and angular measurements	Precision Micrometer L.c.: 0.0001mm	0 - 25 mm	0.15 µm	Internal procedure : GTS-ENWP-23B	P/S
Linear and angular measurements	Precision Micrometer L.c.: 0.0001mm	25 - 50 mm	0.19 µm	Internal procedure : GTS-ENWP-23B	P/S
Linear and angular measurements	Outside Micrometer - all types - Digital Metric/Inch includes Snap/Groove/Indicating / Tube mic /Crimp Height /Caliper Anvil/ Point / VAnvil/Spline / Sheet metal/Deep throat/ Dial /Blade/ Disc /Spindle Micrometer - Digital and Analog (0.001 mm and above)	0 - 50 mm	0.8 µm	Internal procedure : GTS-ENWP-23	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Outside Micrometer - all types - Digital Metric/Inch includes Snap/Groove/Indicating / Tube mic /Crimp Height /Caliper Anvil/ Point / VAnvil/Spline / Sheet metal/Deep throat/ Dial /Blade/ Disc /Spindle Micrometer - Digital and Analog (0.001 mm and above)	> 50 mm up to 150 mm	1.5 μ m	Internal procedure : GTS-ENWP-23	P/S
Linear and angular measurements	Outside Micrometer - all types - Digital Metric/Inch includes Snap/Groove/Indicating / Tube mic /Crimp Height /Caliper Anvil/ Point / VAnvil/Spline / Sheet metal/Deep throat/ Dial /Blade/ Disc /Spindle Micrometer - Digital and Analog (0.001 mm and above)	> 150 mm up to 200 mm	2.1 μ m	Internal procedure : GTS-ENWP-23	P/S
Linear and angular measurements	Outside Micrometer - all types - Digital Metric/Inch includes Snap/Groove/Indicating / Tube mic /Crimp Height /Caliper Anvil/ Point / VAnvil/Spline / Sheet metal/Deep throat/ Dial /Blade/ Disc /Spindle Micrometer - Digital and Analog (0.001 mm and above)	> 200 mm up to 300 mm	2.3 μ m	Internal procedure : GTS-ENWP-23	P/S
Linear and angular measurements	Outside Micrometer - all types - Digital Metric/Inch includes Snap/Groove/Indicating / Tube mic /Crimp Height /Caliper Anvil/ Point / VAnvil/Spline / Sheet metal/Deep throat/ Dial /Blade/ Disc /Spindle Micrometer - Digital and Analog (0.001 mm and above)	> 300 mm up to 500 mm	3.8 μ m	Internal procedure : GTS-ENWP-23	P/S
Linear and angular measurements	Outside Micrometer - all types - Digital Metric/Inch includes Snap/Groove/Indicating / Tube mic /Crimp Height /Caliper Anvil/ Point / VAnvil/Spline / Sheet metal/Deep throat/ Dial /Blade/ Disc /Spindle Micrometer - Digital and Analog (0.001 mm and above)	> 500 mm up to 1000 mm	7.1 μ m	Internal procedure : GTS-ENWP-23	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Outside Micrometer - all types - Digital Metric/Inch includes Snap/Groove/Indicating / Tube mic /Crimp Height /Caliper Anvil/ Point / VAnvil/Spline / Sheet metal/Deep throat/ Dial /Blade/ Disc /Spindle Micrometer - Digital and Analog (0.001 mm and above)	>1000 mm up to 1500 mm	11 μ m	Internal procedure : GTS-ENWP-23	P/S
Linear and angular measurements	Outside Micrometer - all types - Digital Metric/Inch includes Snap/Groove/Indicating / Tube mic /Crimp Height /Caliper Anvil/ Point / VAnvil/Spline / Sheet metal/Deep throat/ Dial /Blade/ Disc /Spindle Micrometer - Digital and Analog (0.001 mm and above)	>1500 mm up to 2000 mm	16 μ m	Internal procedure : GTS-ENWP-23	P/S
Linear and angular measurements	Screw Thread Micrometer/Pitch Micrometer-Metric/Inch - Digital and Analog	0 - 100 mm	2.2 μ m	Internal procedure : GTS-ENWP-23A	P/S
Linear and angular measurements	Screw Thread Micrometer/Pitch Micrometer-Metric/Inch - Digital and Analog	> 100 -150 mm	3.7 μ m	Internal procedure : GTS-ENWP-23A	P/S
Linear and angular measurements	Screw Thread Micrometer/Pitch Micrometer-Metric/Inch - Digital and Analog	> 150-300 mm	4.3 μ m	Internal procedure : GTS-ENWP-23A	P/S
Linear and angular measurements	Screw Thread Micrometer's Anvil / Spindle tips - Pitch / Angle-Metric/Inch	0.4 to 7 mm / 60 ° and 55 °	1.4 μ m / 8.1 arc min	Internal procedure : GTS-ENWP-23A	P
Linear and angular measurements	Screw Thread Micrometer's Setting Standard / Pitch / Angle-Metric/Inch	25 mm to 275 mm / 60 ° and 55 °	(0.034 * L- 0.03) μ m where L in mm / 8.1 arc min	Internal procedure : GTS-ENWP-23A	P

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Micrometer Setting Standard-Metric/Inch - Using ULM	5 mm to 100mm	0.88 μ m	Internal procedure : GTS-ENWP-23	P
Linear and angular measurements	Micrometer Setting Standard-Metric/Inch - Using ULM	>100mm up to 600mm	4.3 μ m	Internal procedure : GTS-ENWP-23	P
Linear and angular measurements	Micrometer Setting Standard-Metric/Inch - Using HMS	>600 mm up to 900 mm	6.4 μ m	Internal procedure : GTS-ENWP-23	P
Linear and angular measurements	Micrometer Setting Standard-Metric/Inch -Using Micrometer itself	>900 mm up to 1200 mm	18.6 μ m	Internal procedure : GTS-ENWP-23	P/S
Linear and angular measurements	Micrometer Setting Standard-Metric/Inch -Using Micrometer itself	>1200 mm up to 1500 mm	19.6 μ m	Internal procedure : GTS-ENWP-23	P/S
Linear and angular measurements	Micrometer Setting Standard-Metric/Inch -Using Micrometer itself	>1200 mm up to 2000 mm	23.5 μ m	Internal procedure : GTS-ENWP-23	P/S
Linear and angular measurements	Micrometer Setting Standard-Metric/Inch -Using Micrac	0 to 1200 mm	(2.1 +5.5 L) μ m Where "L" in m	Internal procedure : GTS-ENWP-23	P
Linear and angular measurements	Depth Micrometer -All types Metric/Inch , L.c. :0.001 mm and above	0 to 25 mm	1.8 μ m	Internal procedure : GTS-ENWP-28	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Depth Micrometer -All types Metric/Inch , L.c. :0.001 mm and above	>25 mm up to 100 mm	2.1 µm	Internal procedure : GTS-ENWP-28	P/S
Linear and angular measurements	Depth Micrometer -All types Metric/Inch , L.c. :0.001 mm and above	>100 mm up to 300 mm	3.4 µm	Internal procedure : GTS-ENWP-28	P/S
Linear and angular measurements	Depth Micrometer -All types Metric/Inch , L.c. :0.01 mm	>300 mm up to 1500 mm	4.8 + (0.0046 L) µm, where L in mm	Internal procedure : GTS-ENWP-28	P/S
Linear and angular measurements	Micrometer Head -Digital/ Analogue (Metric /Inch)	0 to 51 mm	0.2+(0.0087 L) µm, where L in mm	Internal procedure : GTS-ENWP-168B	P/S
Linear and angular measurements	Tubular Micrometer / Inside Micrometer and extension rods -(Digital/ Analogue) (Metric/Inch)	0 to 75mm	1.5 µm	Internal procedure : GTS-ENWP-24	P/S
Linear and angular measurements	Tubular Micrometer / Inside Micrometer and extension rods -(Digital/ Analogue) (Metric/Inch)	>75 mm up to 150 mm	2.4 µm	Internal procedure : GTS-ENWP-24	P/S
Linear and angular measurements	Tubular Micrometer / Inside Micrometer and extension rods -(Digital/ Analogue) (Metric/Inch)	>150 mm up to 300mm	3.6 µm	Internal procedure : GTS-ENWP-24	P/S
Linear and angular measurements	Tubular Micrometer / Inside Micrometer and extension rods -(Digital/ Analogue) using ULM (Metric/Inch)	>300 mm up to 450mm	5.9 µm	Internal procedure : GTS-ENWP-24	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Tubular Micrometer / Inside Micrometer and extension rods -(Digital/ Analogue) using ULM (Metric/Inch)	> 450 mm up to 600 mm	8.6 μ m	Internal procedure : GTS-ENWP-24	P/S
Linear and angular measurements	Tubular Micrometer / Inside Micrometer and extension rods -(Digital/ Analogue) Using CMM (Metric/Inch)	> 600 mm up to 1000 mm	10 μ m	Internal procedure : GTS-ENWP-24	P/S
Linear and angular measurements	Tubular Micrometer / Inside Micrometer and extension rods -(Digital/ Analogue) (Metric/Inch)	> 1000mm up to 3000 mm	22 μ m	Internal procedure : GTS-ENWP-24	P/S
Linear and angular measurements	Tubular Micrometer / Inside Micrometer and extension rods -(Digital/ Analogue) (Metric/Inch)	> 3000 mm up to 5000 mm	36 μ m	Internal procedure : GTS-ENWP-24	P/S
Linear and angular measurements	Litematic/ Linear measuring probe (l.c.: 0.01 μ m/0.39 μ in) - Metric /Inch	0 - 51 mm / 0-2"	0.14 μ m / 5.5 μ in	Internal procedure : GTS-ENWP-168A	P/S
Linear and angular measurements	Inside Micrometer -Caliper type - Digital/ Analogue -(Metric/Inch)	0 to 50mm	1.6 μ m	Internal procedure : GTS-ENWP-24	P/S
Linear and angular measurements	Three point Bore Micrometer /Holtest Micrometer- 3Pin - Digital and Analog -Metric /Inch	0 to 300 mm	(1.7+ 0.003L) μ m, (where L in mm)	Internal procedure :GTS-ENWP-84	P/S
Linear and angular measurements	Dial /Digital Indicators (Metric/ Inch) 0.001mm and above L.c	0.001 mm up to 100 mm / 100 to 200 mm / L.c .0.01mm	1.1 μ m / 6 μ m	Internal procedure : GTS-ENWP-26	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	LVDT (Ordinary/ Digital (Metric/Inch) using ULM	0.001 mm up to 600 mm	$(0.58+0.006 L) \mu\text{m}$, (where L in mm)	Internal procedure : GTS-ENWP-168	P
Linear and angular measurements	LVDT (Ordinary/ Digital) (Metric/Inch)-Using gauge block	0 to 200mm	$1.2+(0.003*L) \mu\text{m}$; L: mm	Internal procedure : GTS-ENWP-168	P/S
Linear and angular measurements	Extensometer /Displacement Measuring Systems and Devices used in Material Testing Machines – Displacement/ Crosshead Travel (using ULM)	0.5-50 mm	0.98 μm	Internal procedure :GTS-ENWP-249	P
Linear and angular measurements	Extensometer /Displacement Measuring Systems and Devices used in Material Testing Machines – Displacement/ Crosshead Travel (using Gauge block)	0.5-50 mm	1.2 μm	Internal procedure :GTS-ENWP-249	P/S
Linear and angular measurements	Extensometer /Displacement Measuring Systems and Devices used in Material Testing Machines – Displacement/ Crosshead Travel (using Gauge block) L.c. 0.01 mm	> 50 mm to 800 mm	$5.6 + (0.003 * L) \mu\text{m}$; where L in mm	Internal procedure :GTS-ENWP-249	P/S
Linear and angular measurements	Bore Gauge(Ordinary/ Digital)-(Metric/Inch) L.c. 0.001 mm and above	0.95 mm to 800 mm	$(1.2+0.0007 L) \mu\text{m}$, where L in mm	Internal procedure : GTS-ENWP-27	P/S
Linear and angular measurements	Engineer's Square	50 mm to 1 m	$(1.3 + 0.0006 L) \mu\text{m}$, where L in mm	Internal procedure :GTS-ENWP-51	P
Linear and angular measurements	Straight edge	50 to 2000 mm	$(1.5 + 0.002 L) \mu\text{m}$, where L in mm	Internal procedure : GTS-ENWP-79	P

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Dial Test Indicator/Lever Type Dial Gauges (Metric/Inch)	0 to 0.8 mm	1.2 μ m	Internal procedure : GTS-ENWP-172	P/S
Linear and angular measurements	Dial Test Indicator/Lever Type Dial Gauges (Metric/Inch)	>0.6 mm to 2 mm	5.8 μ m	Internal procedure : GTS-ENWP-172	P/S
Linear and angular measurements	Thickness Measuring Gauges -Dial / Digital - Inside /Outside Caliper Gauge including pistol caliper (Metric/Inch)	0 to 200 mm	(0.9 + 0.004 L) μ m, (where L is in mm)	Internal procedure : GTS-ENWP-36	P/S
Linear and angular measurements	Thickness Measuring Gauges -Dial / Digital - Inside /Outside Caliper Gauge including pistol caliper (Metric/Inch)	>200 mm to 430 mm	(0.04 + 0.0006 L) μ m, (where L is in mm)	Internal procedure : GTS-ENWP-36	P/S
Linear and angular measurements	Depth Gauge (Dial/Digital/ Vernier) (Metric/Inch)	0 to 300 mm	7.8 μ m	Internal procedure : GTS-ENWP-29	P/S
Linear and angular measurements	Depth Gauge (Dial/Digital/ Vernier) (Metric/Inch)	>300 to 600 mm	8.5 μ m	Internal procedure : GTS-ENWP-29	P/S
Linear and angular measurements	Depth Gauge (Dial/Digital/ Vernier) (Metric/Inch)	>600 mm to 1000 mm	11 μ m	Internal procedure : GTS-ENWP-29	P/S
Linear and angular measurements	Depth Gauge (Dial/Digital/ Vernier) (Metric/Inch)	>1000 mm to 2000 mm	16 μ m	Internal procedure : GTS-ENWP-29	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Height Gauge (Digital/Dial/ Analogue)- (Metric/Inch) L.c.: 0.01 mm and above	0 to 600 mm	$(6.4 + 0.015 L) \mu\text{m}$ (where "L" is in mm)	Internal procedure : GTS-ENWP-25	P/S
Linear and angular measurements	Height Gauge (Digital/Dial/ Analogue) - (Metric/Inch) L.c.: 0.01 mm and above	>600 to 2100 mm	$(12 + 0.017 L) \mu\text{m}$ (where "L" is in mm)	Internal procedure : GTS-ENWP-25	P/S
Linear and angular measurements	Height Gauge (Digital)/Height meas. system - (Metric/Inch) L.c.: 0.0001 mm and above	0 to 1000 mm	$(0.8 + 0.006 L) \mu\text{m}$ (where "L" is in mm)	Internal procedure : GTS-ENWP-25	P/S
Linear and angular measurements	Height master / Height setting Micrometer	5 mm to 1000 mm	$(0.9 + 0.001L) \mu\text{m}$, where L in mm	Internal Procedure :GTS-ENWP-25A	P
Linear and angular measurements	Setting Master for Electronic Height Gauge	1 mm to 50 mm	0.7 μm	Internal Procedure :GTS-ENWP-25A	P
Linear and angular measurements	Riser block for Height master	150 mm to 600 mm	$(0.1 + 0.0013 L) \mu\text{m}$, where L in mm	Internal Procedure :GTS-ENWP-25	P/S
Linear and angular measurements	Feeler Gauge (Metric/Inch)Using ULM/Mictrac	0.01 mm to 2mm	0.4 μm	Internal procedure : GTS-ENWP-56	P
Linear and angular measurements	Feeler Gauge (Metric/Inch)Using Dig.Micrometer	0.01 mm to 2 mm	0.8 μm	Internal procedure : GTS-ENWP-56	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Radius Gauge , Radius measurement , Sheave gauge (Metric /Inch) using profile projector	0.1 mm to 25mm	5.6 μ m	Internal procedure : GTS-ENWP-81	P
Linear and angular measurements	Radius Gauge , Radius measurement , Sheave gauge (Metric /Inch) using profile projector	>25 mm to 200 mm	8.6 μ m	Internal procedure : GTS-ENWP-81	P
Linear and angular measurements	Radius measurement , Sheave gauge (Metric /Inch) using CMM	>200 mm to 300mm	8.9 μ m	Internal procedure : GTS-ENWP-81	P
Linear and angular measurements	Thread Profile / Thread Pitch Gauge (Metric/inch)	0.25 - 7 mm	4 μ m	Internal procedure : GTS-ENWP-126	P
Linear and angular measurements	Thread Profile / Thread Pitch Gauge (Metric/inch)	4 - 42 TPI	153 μ in	Internal procedure : GTS-ENWP-126	P
Linear and angular measurements	Thread Profile / Thread Pitch Gauge (Metric/inch)	>42 - 84 TPI	200 μ in	Internal procedure : GTS-ENWP-126	P
Linear and angular measurements	Screw Thread Anvils	60° & 55°	4.3 arc min	Internal procedure : GTS-ENWP-126	P
Linear and angular measurements	Thread Plug gauges (Metric / Unified/Helicoil/Spirallock/ BSP (or) G threads)- Pitch Diameter	0.8 mm to 100 mm	1.9 μ m	Internal procedure : GTS-ENWP-70	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Thread Plug gauges (Metric / Unified/Helicoil/Spirallock/ BSP (or) G threads)- Pitch Diameter	>100 to 200 mm	2.2 µm	Internal procedure : GTS-ENWP-70	P/S
Linear and angular measurements	Thread Plug gauges (Metric / Unified/Helicoil/Spirallock/ BSP (or) G threads)- Pitch Diameter	1/16" to 4"	75 µin	Internal procedure : GTS-ENWP-70	P/S
Linear and angular measurements	Thread Plug gauges (Metric / Unified/Helicoil/Spirallock/ BSP (or) G threads)- Pitch Diameter	Above 4" and including 8"	87 µin	Internal procedure : GTS-ENWP-70	P/S
Linear and angular measurements	Thread Plug gauges (Metric / Unified/Helicoil/Spirallock/ BSP (or) G threads)- Major Diameter	0.8 mm to 100 mm	(0.8 + 0.0023 L) µm where L in mm / (31 + 3 L) µin, where L in inches	Internal procedure : GTS-ENWP-70	P/S
Linear and angular measurements	Thread Plug gauges (Metric / Unified/Helicoil/Spirallock/ BSP (or) G threads)- Major Diameter	>100 mm to 200 mm	(0.5 + 0.005 L) µm where L in mm / (19 + 5.2L) µin, where L in inches	Internal procedure : GTS-ENWP-70	P/S
Linear and angular measurements	Thread Plug gauges (Metric / Unified/Helicoil/Spirallock/ BSP (or) G threads - Pitch Distance /Lead	0.1 mm to 7 mm	2.1 µm	Internal procedure : GTS-ENWP-70	P
Linear and angular measurements	Thread Plug gauges (Metric / Unified/Helicoil/Spirallock/ BSP (or) G threads - Flank Angle	60° & 55°	0.15°	Internal procedure : GTS-ENWP-70	P
Linear and angular measurements	Thread Plug gauges (ACME/STUB ACME / TRAPEZOIDAL threads) - Pitch Diameter	1/16" up to 4"	64 µin	Internal procedure : GTS-ENWP-70	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Thread Plug gauges (ACME/STUB ACME / TRAPEZOIDAL threads) - Major Diameter	1/16" up to 4"	28 µin	Internal procedure : GTS-ENWP-70	P/S
Linear and angular measurements	Thread Plug gauges (ACME/STUB ACME / TRAPEZOIDAL threads) - Flank Angle	29° & 30°	0.15°	Internal procedure : GTS-ENWP-70	P
Linear and angular measurements	Thread Plug gauges (ACME/STUB ACME / TRAPEZOIDAL threads) - Pitch Distance /Lead	2 - 16 TPI	84 µin	Internal procedure : GTS-ENWP-70	P
Linear and angular measurements	Thread Ring Gauges (Metric / Unified/Helicoil/Spirallock/ BSP (or) G threads - (Metric/Inch)-Fixed and Adjustable - Pitch Diameter and Minor Diameter	2.6 - 100 mm	2 µm	Internal procedure: GTS-ENWP-137	p
Linear and angular measurements	Thread Ring Gauges (Metric / Unified/Helicoil/Spirallock/ BSP (or) G threads)- (Metric/Inch)-Fixed and Adjustable - Pitch Diameter and Minor Diameter	100 - 340 mm	3.1 µm	Internal procedure: GTS-ENWP-137	P
Linear and angular measurements	Thread Ring Gauges (Metric / Unified/Helicoil/Spirallock/ BSP (or) G threads)- (Metric/Inch)-Fixed and Adjustable - Pitch Diameter and Minor Diameter	1/16" up to 1/2"	70 µin	Internal procedure: GTS-ENWP-137	P
Linear and angular measurements	Thread Ring Gauges (Metric / Unified/Helicoil/Spirallock/ BSP (or) G threads)- (Metric/Inch)-Fixed and Adjustable - Pitch Diameter and Minor Diameter	1/2"< and including 4"	80 µin	Internal procedure: GTS-ENWP-137	P
Linear and angular measurements	Thread Ring Gauges (Metric / Unified/Helicoil/Spirallock/ BSP (or) G threads)- (Metric/Inch)-Fixed and Adjustable - Pitch Diameter and Minor Diameter	4" < and including 13.3/8"	90 µin	Internal procedure: GTS-ENWP-137	P

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Thread Ring gauges (ACME/STUB ACME / TRAPEZOIDAL threads)- Pitch Diameter & Minor Diameter	8 to 340 mm	3.6 µm	Internal procedure: GTS-ENWP-137	P
Linear and angular measurements	Thread Ring gauges (ACME/STUB ACME / TRAPEZOIDAL threads)- Pitch Diameter & Minor Diameter	1/16" up to 5"	82 µin	Internal procedure: GTS-ENWP-137	P
Linear and angular measurements	Taper Thread Plug gauge-All types -Pitch Diameter	1/16" up to 1/2"	70 µin	Internal procedure : GTS-ENWP-173	P
Linear and angular measurements	Taper Thread Plug gauge-All types -Pitch Diameter	1/2"< and including 4"	90 µin	Internal procedure : GTS-ENWP-173	P
Linear and angular measurements	Taper Thread Plug gauge-All types - Major Diameter	1/16" up to 1/2"	58 µin	Internal procedure : GTS-ENWP-173	P
Linear and angular measurements	Taper Thread Plug gauge-All types - Major Diameter	1/2"< and including 4"	64 µin	Internal procedure : GTS-ENWP-173	P
Linear and angular measurements	Taper Thread Plug gauge-All types -Lead	8 -27 TPI	55 µin	Internal procedure : GTS-ENWP-173	P
Linear and angular measurements	Taper Thread Plug gauge-All types -Flank Angle	60° & 55°	2 arc min	Internal procedure : GTS-ENWP-173	P

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Taper Thread Ring gauge – All types - Pitch Diameter/Minor Diameter	1/8 to 5 "	(31 + 2L) μ m where "L" in inch	Internal procedure : GTS-ENWP-173	P
Linear and angular measurements	Surface Roughness specimen (Ra,Rz, Rt) / Surface Roughness comparator	Ra 0.02 to 12 μ m Rz 0.15 μ m to 25 μ m Rt 0.15 μ m to 20 μ m	0.20 μ m 0.51 μ m 0.45 μ m	Internal procedure : GTS-ENWP-245	P/S
Linear and angular measurements	Profilometer /Surface Roughness tester	0.02 μ m to 80 μ m	0.26 μ m	Internal procedure : GTS-ENWP-245	P/S
Linear and angular measurements	Setting / Plain Plug gauge (Metric/Inch) - Diameter and roundness	1 mm to 150 mm	(0.7 + 0.001 L) μ m; where "L" in mm	Internal procedure : GTS-ENWP-80	P
Linear and angular measurements	Setting / Plain Plug gauge (Metric/Inch) - Diameter and roundness	> 150 mm to 500 mm	(0.5 + 0.002 L) μ m; where "L" in mm	Internal procedure : GTS-ENWP-80	P
Linear and angular measurements	Setting / Plain Plug gauge (Metric/Inch) - Diameter and roundness Outside diameter measurement	> 500 mm to 640 mm	(0.35 + 0.002 L) μ m; where "L" in mm	Internal procedure : GTS-ENWP-80	P
Linear and angular measurements	Setting / Plain Plug gauge (Metric/Inch) Diameter using Micrometer	1 mm to 300 mm	(1.4 + 0.006 L) μ m; where "L" in mm	Internal procedure : GTS-ENWP-80	P
Linear and angular measurements	Setting / Plain Ring gauge (Metric/Inch) (Diameter , Roundness, straightness , parallelism)	0.5 mm to 250 mm	(0.7+0.004 L) μ m; where "L" in mm	Internal procedure :GTS-ENWP-106	P

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Setting / Plain Ring gauge (Metric/Inch (Diameter , Roundness, straightness , parallelism)	>250 mm to 485 mm	(0.9+0.003 L) μ m; where "L" in mm	Internal procedure :GTS-ENWP-106	P
Linear and angular measurements	Taper Plain plug gauge- Diameter	5 mm to 450 mm	1.5 μ m	Internal procedure :GTS-ENWP-367	P
Linear and angular measurements	Taper Plain plug gauge-Taper angle	0 to 10°	6 arc sec	Internal procedure :GTS-ENWP-367	P
Linear and angular measurements	Taper Plain Ring gauge - Diameter	5 mm to 450mm	1.6 μ m	Internal procedure :GTS-ENWP-367	P
Linear and angular measurements	Taper Plain ring gauges- Taper angle	0 to 10°	6 arc sec	Internal procedure :GTS-ENWP-367	P
Linear and angular measurements	Test Mandrel - Length	10 mm to 1000 mm	2.4 μ m	Internal procedure :GTS-ENWP-368	P
Linear and angular measurements	Test Mandrel - Taper angle - Half	0 to 30°	12 arc sec	Internal procedure :GTS-ENWP-368	P
Linear and angular measurements	Test Mandrel-Geometrical Parameters: Roundness, Straightness, Cylindricity, Roughness and Concentricity	10 mm to 1000 mm	(0.95 + 0.001 L) μ m, where L in mm	Internal procedure :GTS-ENWP-368	P

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	1-D measuring Machine (Universal Length Measuring System (ULMS)) (Metric/Inch)-Using gauge blocks	0 to 100mm (absolute) >100 mm to 1000 mm (differential)	$0.2 + (0.0008 L) \mu\text{m}$ L: mm"	Internal procedure :GTS-ENWP-139	P/S
Linear and angular measurements	Micrac (Universal Length Measuring System (ULMS)) (Metric/Inch)-Using Laser interferometer	0 - 60 "	$27.7 + (0.12 \times L)$ micro inches, where L in inches	Internal procedure : GTS-ENWP-139	P/S
Linear and angular measurements	Calibration of Optical Comparator, Profile Projector, Vision measuring system — Error of Indicated size/ Linear/Length Accuracy	0 to 300 mm	$(1.9 + 0.003 \times L) \mu\text{m}$; where "L" in mm	Internal procedure :GTS-ENWP-158	P/S
Linear and angular measurements	Calibration of Optical Comparator, Profile Projector, Vision measuring system — Error of Indicated size/ Linear/Length Accuracy	> 300 to 600 mm	$(0.64 + 0.007 \times L) \mu\text{m}$; where "L" in mm	Internal procedure :GTS-ENWP-158	P/S
Linear and angular measurements	Squareness between Axes	0 to 150 mm	$(2.2 + 0.001L) \mu\text{m}$, Where L in mm	Internal procedure :GTS-ENWP-158	P/S
Linear and angular measurements	Magnification error of Projection lens	0 to 100 X	0.0002	Internal procedure :GTS-ENWP-158	P/S
Linear and angular measurements	Angle measurement of rotating screen / Angular error of reticle of screen	0 to 360°	85 arc sec.	Internal procedure :GTS-ENWP-158	P/S
Linear and angular measurements	Caliper Checker/Depth Micro Checker/Inside Micro checker (metric/ inch) - Block pitch Accuracy	0 to 600mm	$(1.5 + 0.002 L) \mu\text{m}$, where L in mm	Internal procedure :GTS-ENWP-164,165,166	P

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Caliper Checker/Depth Micro Checker/Inside Micro checker (metric/ inch) - Block pitch Accuracy	600 to 1000 mm	$(0.9 + 0.003 L) \mu\text{m}$, where L in mm	Internal procedure :GTS-ENWP-164,165,166	P
Linear and angular measurements	Caliper Checker/Depth Micro Checker/Inside Micro checker (metric/ inch) - Parallelism	0 to 1000 mm	1.2 μm	Internal procedure :GTS-ENWP-164,165,166	P
Linear and angular measurements	Dial Calibration Tester (metric/ inch)	0 to 25mm	0.8 μm	Internal procedure :GTS-ENWP-167	P
Linear and angular measurements	Gauge block comparator (metric/ inch)-Metric	0-100 mm	$(0.023 + (0.2/1000)*L) \mu\text{m}$, where L in mm	Internal Procedure :GTS-ENWP-351	P/S
Linear and angular measurements	Gauge Block -Metric - Grade "0" and above	0.1 mm to 100 mm	$0.01 + (1.7 L/1000) \mu\text{m}$, L is in mm	Internal procedure :GTS-ENWP-34	P
Linear and angular measurements	Gauge Block -Metric - Grade "0" and above	Above 100 mm to 600 mm	$(0.14 + (0.82 L/1000)) \mu\text{m}$, L is in mm	Internal procedure :GTS-ENWP-34	P
Linear and angular measurements	Gauge Block -Metric - Grade "0" and above	Above 600 mm to 1000 mm	$(0.9 + (0.7 L/1000)) \mu\text{m}$, L is in mm	Internal procedure :GTS-ENWP-34	P
Linear and angular measurements	Gauge Block -Metric - Grade "0" and above	Above 600 mm to 1200 mm	$(3 + (0.3 L/1000)) \mu\text{m}$, L in mm	Internal procedure :GTS-ENWP-34	P

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Gauge Block -Inch- Grade "1" and above	0.05 " & including 2 "	3.2+(0.9 L) μ in, where L in inches	Internal procedure :GTS-ENWP-34	P
Linear and angular measurements	Gauge Block -Inch- Grade "1" and above	Above 2" - 3 "	3+(1 L) μ in, where L in inches	Internal procedure :GTS-ENWP-34	P
Linear and angular measurements	Gauge Block -Inch- Grade "1" and above	Above 3 " - 4 "	3+(1 L) μ in, where L in inches	Internal procedure :GTS-ENWP-34	P
Linear and angular measurements	Length Bar using Gauge Block comparator	10 mm to 100 mm	(0.075 + (0.11/100) L) μ m, L is in mm	Internal procedure :GTS-ENWP-34A	P
Linear and angular measurements	Length Bar using Using CMM & Long Slip Gauges by Comparison method	>100 mm to 1000 mm	(0.9+ (0.05/100) L) μ m, L is in mm	Internal procedure :GTS-ENWP-34A	P
Linear and angular measurements	Thread Measuring Cylinder /Cylindrical Standards / Measuring Pins/Disc (Metric/Inch)	0.1 mm to 6.35mm	0.45 μ m	Internal procedure :GTS-ENWP-170	P/S
Linear and angular measurements	Thread Measuring Cylinder /Cylindrical Standards / Measuring Pins/Disc (Metric/Inch)	Above 6.35 mm to 12 mm	0.60 μ m	Internal procedure :GTS-ENWP-170	P/S
Linear and angular measurements	Thread Measuring Cylinder /Cylindrical Standards / Measuring Pins/Disc (Metric/Inch)	Above 12 mm to 50 mm	0.73 μ m	Internal procedure :GTS-ENWP-170	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Flush pin gauge (metric/ inch)	0.5 mm to 200 mm	3.2 μ m	Internal procedure :GTS-ENWP-340	P/S
Linear and angular measurements	Spheres,Discs,Spherical Master , Thread Measuring Balls & Master Steel Balls ,contact points , Dimension - Full Sphere - External diameter (metric/ inch)	0.8 mm to 50 mm	0.45 μ m	Internal procedure :GTS-ENWP-319	P/S
Linear and angular measurements	Spherical pig (for liquid displacement application)-Outside diameter (metric/ inch)	5 mm to 300 mm	4.2 μ m	Internal procedure :GTS-ENWP-319A	P/S
Linear and angular measurements	Spherical pig (for liquid displacement application)-Outside diameter (metric/ inch)	>300 mm to 1000 mm	11 μ m	Internal procedure :GTS-ENWP-319A	P/S
Linear and angular measurements	Steel Scale /Measuring Scale /Taper Scale/Ruler-(Metric/Inch)	0 to 1000 mm	12 +(0.01 L) μ m, where L in mm	Internal procedure :GTS-ENWP-171	P
Linear and angular measurements	Steel Scale /Measuring Scale /Taper Scale/Ruler-(Metric/Inch)	>1000 mm to 2000 mm	20 +(0.01 L) μ m, where L in mm	Internal procedure :GTS-ENWP-171	P
Linear and angular measurements	Glass scale (metric/ inch)	0 to 1000 mm	1.7 + (0.009 L) μ m, where L in mm	Internal procedure :GTS-ENWP-196	P

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Reticle (metric/ inch)	0 to 25 mm	$1.1 + (0.004 L) \mu\text{m}$, where L in mm	Internal procedure :GTS-ENWP-196A	P
Linear and angular measurements	Measuring tape -All types/ Steel Tape /Digital tape measures	0 to 100 m	$0.2+(1 \times 10^{-5} L) \text{ mm}$; where "L" in mm	Internal procedure :GTS-ENWP-33	P
Linear and angular measurements	Stage micrometer Metric/ Inch	0 to 10 mm	0.9 μm	Internal procedure : GTS-ENWP-246	P
Linear and angular measurements	Engineers parallel(Metric/Inch)	25 mm to 300 mm	2.4 μm	Internal Procedure :GTS-ENWP-51	P
Linear and angular measurements	Pi Tape-/ Circumference tape -Ordinary /Digital /SS and SpringSteel (metric/ inch)	15-10,800 mm	$(3+0.005L) \mu\text{m}$ Where L in mm	Internal procedure :GTS-ENWP-194	P
Linear and angular measurements	Pi Tape-/ Circumference tape Ordinary /Digital /SS and SpringSteel (metric/ inch)	>10,800 mm -34,200 mm	$(0.1+0.0055 L) \mu\text{m}$, where L in mm	Internal procedure :GTS-ENWP-194	P
Linear and angular measurements	Measuring Scale/Tape Calibrator -Differential (using Interferometer)	0 to 80 m	$(0.64 L) \mu\text{m}$, where L in "m"	Internal procedure :GTS-ENWP-250	P/S
Linear and angular measurements	"Test Sieves -Mesh type and Perforated Plate(Metric/Inch)	32 μm up to 4.3mm	3.1 μm	Internal procedure :GTS-ENWP-43	P

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	"Test Sieves -Mesh type and Perforated Plate(Metric/Inch) using Digital caliper	4.3 mm to 125 mm	12 µm	Internal procedure :GTS-ENWP-43	P/S
Linear and angular measurements	Coating thickness Foils(Metric/Inch)	0.5 µm to 1 mm >1 mm to 2 mm > 2 mm to 10 mm >10 mm to 30 mm	0.2 µm 0.3 µm 0.5 µm 0.7 µm	Internal procedure :GTS-ENWP-197	P
Linear and angular measurements	Coating Thickness Gauge -Metric/Inch (Dry and wet film)-Ferrous and Non ferrous	0 to 30 mm	0.3 µm	Internal procedure :GTS-ENWP-35	P/S
Linear and angular measurements	Ultrasonic Thickness Gauge mm/inches	0 to 500 mm/20"	(67+0.2L)µm ; Where L in mm	Internal procedure :GTS-ENWP-133	P
Linear and angular measurements	Protractor/Combination set /Angle gauges	0-90 °	3.1 Arc min	Internal procedure : GTS-ENWP-42	P
Linear and angular measurements	Protractor/Combination set /Angle gauges	90-180 °	1.2 Arc min	Internal procedure : GTS-ENWP-42	P
Linear and angular measurements	Protractor/Combination set /Angle gauges	180 - 360 °	1.2 Arc min	Internal procedure : GTS-ENWP-42	P
Linear and angular measurements	Millimess /Supramess -Metric/Inch	0 to 0.05 mm and 0.025 mm /L.c: 0.0005 mm and above	0.5 µm	Internal procedure :GTS-ENWP-26	P

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Dial /Digital caliper gages -Metric/Inch - Internal	2.5- 430 mm	1.6 + (0.0032*L) μ m ; where L in mm	Internal procedure :GTS-ENWP-103	P/S
Linear and angular measurements	Dial /Digital caliper gages -Metric/Inch - External	0-300 mm	(0.4+0.005*L) μ m ; where L in mm	Internal procedure :GTS-ENWP-103	P/S
Linear and angular measurements	Surface table -Metric/Inch-All types	160 x 100 mm to 6000x4000 mm	1.6+(0.8 x Diagonal in m) μ m	Internal procedure :GTS-ENWP-125	P/S
Linear and angular measurements	Digital level / Inclinator/Spirit level / Angle finder (For Sensitivity 0.001mm/m and above)	5 seconds of arc to 60 minutes of arc nominal sensitivity/2000 μ m/m	Mean sensitivity: 5 % of nominal, 0.60 arc seconds	Internal procedure :GTS-ENWP-30	P
Linear and angular measurements	Digital level / Inclinator/Spirit level / Angle finder (For Sensitivity 0.001mm/m and 0.01mm/m) -Flatness of faces	5 seconds of arc to 60 minutes of arc nominal sensitivity/2000 μ m/m	2.0 μ m	Internal procedure :GTS-ENWP-30	P
Linear and angular measurements	Digital level / Inclinator/Spirit level / Angle finder (For Sensitivity 0.001mm/m and 0.01mm/m) -Parallelism between faces	5 seconds of arc to 60 minutes of arc/ nominal sensitivity/2000 μ m/m	2.0 μ m	Internal procedure :GTS-ENWP-30	P
Linear and angular measurements	Digital level / Inclinator/Spirit level / Angle finder (For Sensitivity 0.001mm/m and 0.01mm/m) -Parallelism of vee to base	5 seconds of arc to 60 minutes of arc nominal sensitivity/2000 μ m/m	3.2 μ m	Internal procedure :GTS-ENWP-30	P

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Digital level / Inclinator/Spirit level / Angle finder (For Sensitivity 0.001mm/m and 0.01mm/m) - Squareness	5 seconds of arc to 60 minutes of arc nominal sensitivity/2000 $\mu\text{m}/\text{m}$	7.1 μm	Internal procedure :GTS-ENWP-30	P
Linear and angular measurements	Inclinometers/Clinometers	0-90 degree (4 directions)	14 arc min	Internal procedure :GTS-ENWP-248	P
Linear and angular measurements	Optical Parallel - comparison method	12 to 25 mm	0.33 μm	Internal procedure : GTS-ENWP-341	P
Linear and angular measurements	Rotor Inspection gages- Dial and Gauge length -Metric/Inch	0 to 50 mm	2.1 μm	Internal procedure :GTS-ENWP-26A	P/S
Linear and angular measurements	Rotor Inspection gages- Dial and Gauge length -Metric/Inch	>50 - 200 mm	3.9 μm	Internal procedure :GTS-ENWP-26A	P/S
Linear and angular measurements	Indicators, Functional Diameter, Gauges , Groove, Width, Thread Height, and Lead Gages -All types (Metric/Inch)	0 to 4"	3.6 μm	Internal procedure :GTS-ENWP-261	P/S
Linear and angular measurements	Tubing and Casing Standards- Thread Height standards (Metric/Inch)	3/4" TPF to 1" TPF	3.8 μm	Internal procedure :GTS-ENWP-261A	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	External/Internal thread Addendum standard/ gauge (Metric/Inch)	0-0.75"	3.8 µm	Internal procedure :GTS-ENWP-261B	P/S
Linear and angular measurements	Thread rolls (Metric/Inch)	1/4" to 1"	80 µin	Internal procedure :GTS-ENWP-261C	P/S
Linear and angular measurements	Thread roll gage - External /Internal (Metric/Inch)	15.9 - 812.8 mm	2.4 µm	Internal procedure :GTS-ENWP-261A	P/S
Linear and angular measurements	Lead setting standard - up to 4" length-All types	3- 18 TPI	1.5 µm	Internal procedure :GTS-ENWP-261D	P
Linear and angular measurements	Weld Fillet gauge , Cam Weld gauge , Wire gauge , Hi- Lo weld gauge Bridge cam gauge ,Pit gauge, All types of Weld Gauge Length measurement - mm/Inch	0 to 200 mm	6 µm	Internal procedure :GTS-ENWP-44	P/S
Linear and angular measurements	Weld Fillet gauge , Cam Weld gauge , Wire gauge , Hi- Lo weld gauge Bridge cam gauge ,Pit gauge, All types of Weld Gauge -Angle measurement	0- 360 °	2 arc min	Internal procedure :GTS-ENWP-44	P
Linear and angular measurements	Flakiness Gauge / Elongation Gauge (Parameter: Length, Width, Thickness)- mm/Inch	0 to 100 mm	9.6 µm	Internal procedure :GTS-ENWP-299	P

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Dimensional - Length / Dia / Parallelism/Height/Width Perpendicularity / Cylindricity/Circularity/ Radius/Flatness/ Angle/Concentricity / Runout and coaxiality reqd -Metric/Inch- -Using CMM	0 to 1 m	$3+(1.7 * L/1000)\mu\text{m}$, where L in mm	Internal procedure :GTS-ENWP-251	P
Linear and angular measurements	Dimensional - Length / Dia/ Parallelism/Height/Width Perpendicularity / Cylindricity/Circularity/ Radius/ Angle reqd- Metric/Inch using HMS and Digital Caliper	0 to 1.5 m	$2+(8.6 * L/1000)\mu\text{m}$, where L in mm	Internal procedure :GTS-ENWP-251	P/S
Linear and angular measurements	CMM- X,Y,Z Linear error Using with interferometer--Metric/Inch	0 to 40 m	$0.6 + (0.34 L)\mu\text{m}$ where "L" in m	Internal procedure :GTS-ENWP-190	P/S
Linear and angular measurements	CMM -Vertical / Horizontal Straightness - error mapping of X, Y, Z-axis of CMM Using with interferometer --Metric/Inch	0 to 5 m	$0.32 + (0.4L)\mu\text{m}$, (where L in m)	Internal procedure :GTS-ENWP-190	P/S
Linear and angular measurements	CMM -Pitch error mapping X, Y, Z-axis -- Metric/Inch	0 to 5 m	0.4 arc sec	Internal procedure :GTS-ENWP-190	P/S
Linear and angular measurements	CMM - Roll error mapping X, Y, Z-axis -- Metric/Inch	0 to 5 m	0.5 arc sec	Internal procedure :GTS-ENWP-190	P/S
Linear and angular measurements	CMM- Yaw error mapping X, Y, Z-axis --Metric / Inch	0 to 5 m	0.4 arc sec	Internal procedure :GTS-ENWP-190	P/S
Linear and angular measurements	CMM- X,Y,Z, - Linear & Volumetric calibration using gauge block --Metric/Inch	3000X2000X1500 mm Resolution: 0.1 μm and above	$0.2+(1.7 L/1000)\mu\text{m}$, where L in mm	Internal procedure :GTS-ENWP-190	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	CMM-Probe Performance -Metric/Inch	10 to 51mm	0.26 μm	Internal procedure :GTS-ENWP-190	P/S
Linear and angular measurements	CMM-Rotary Axis Performance -Metric/Inch	10 to 30mm	0.45 μm	Internal procedure :GTS-ENWP-190	P/S
Linear and angular measurements	Articulated Arm CMM - Length Measurement - Metric/Inch	0 - 2 m	(2 + 3.5L) μm where L in m	Internal procedure :GTS-ENWP-190A	P/S
Linear and angular measurements	Articulated Arm CMM (Parameter - Articulated Location Error (Ldia.))--Metric/Inch	0 to 150 mm	2.3 μm	Internal procedure :GTS-ENWP-190A	P/S
Linear and angular measurements	Articulated Arm CMM (Parameter - Probing Form Error (Pform))--Metric/Inch	0 to 51 mm	0.6 μm	Internal procedure :GTS-ENWP-190A	P/S
Linear and angular measurements	Articulated Arm CMM (Parameter - Probing Size Error (Psize))	0 to 51 mm	0.7 μm	Internal procedure :GTS-ENWP-190A	P/S
Linear and angular measurements	Crimping Tool& Die set - Crimp Ht/Crimping force / Pull test	Go/No-Go Test : Upto 100 mm /4 inch;Crimp Height & Chamber Dimension : 0 to 100 mm /4 inch	1.6 μm	Internal procedure :GTS-ENWP-217	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Functional Gauge-Metric/Inch	Dial- 50 mm , Gauge Length - 200 mm	1 μ m	Internal procedure :GTS- ENWP-288	P/S
Linear and angular measurements	Pin Seal Diameter gages-Metric/Inch	Dial- 50 mm , Gauge Length - 200 mm	1 μ m	Internal procedure :GTS- ENWP-288	P/S
Linear and angular measurements	Pipe Straightness gages-Metric/Inch	Dial- 50 mm , Gauge Length - 200 mm	1 μ m	Internal procedure :GTS- ENWP-288	P/S
Linear and angular measurements	Shoulder Location Gages-Metric/Inch	Dial- 50 mm , Gauge Length - 200 mm, Depth- 600 mm	1 μ m	Internal procedure :GTS- ENWP-288	P/S
Linear and angular measurements	Frame Standards	2 in to 12 in	(71 + 3.7L) μ in ; where "L" in inch	Internal Procedure :GTS- ENWP-352	P/S
Linear and angular measurements	Frame Standards	(12 to 36) in	(73+ 5.2L) μ in ; where "L" in inch	Internal Procedure :GTS- ENWP-352	P/S
Linear and angular measurements	Chamfer Gauge - Dial and Cone angle measurement--Metric/Inch	0 to 12 in	(46 + 2.5L) μ in : where L in inch	Internal Procedure :GTS- ENWP-253	P/S
Linear and angular measurements	Chamfer Gauge - Dial and Cone angle measurement--Metric/Inch	Gage probe Angle	2 arc min	Internal Procedure :GTS- ENWP-253	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Liquid Limit Device and Grover—Metric/Inch Dimensions Weight of Cup + Hanger (BS 1377 and BS EN ISO 17892)	As per BS 1377 and BS EN ISO 17892- Measuring parameters	0.02 mm 0.01 g	Internal Procedure :GTS-ENWP-299	P/S
Linear and angular measurements	Penetrometer-Metric/Inch – Weight of needle and spindle assembly Needle diameter Provided weight Penetrometer Indicator	50 g 1 mm 0.1 g to 100 g 0 to 400 mm	0.01 g 1µm 0.08 g 0.01 mm	Internal Procedure :GTS-ENWP-85	P/S
Linear and angular measurements	Cross hatch cutter-Metric/Inch	0 - 5 mm(Pitch)	4 µm	Internal Procedure :GTS-ENWP-52	P/S
Linear and angular measurements	Cross hatch cutter-Metric/Inch	0 to 45°A(Angular)	5arc min	Internal Procedure :GTS-ENWP-52	P/S
Linear and angular measurements	Telescopic Gage-Metric/Inch	8 to 150 mm	2.5 µm	Internal Procedure :GTS-ENWP-111	P/S
Linear and angular measurements	Snap gauge-Metric/Inch	1 mm to 100 mm	0.8 µm	Internal procedure :GTS-ENWP-244	P/S
Linear and angular measurements	Snap gauge-Metric/Inch	100 mm to 200 mm	1.1 µm	Internal procedure :GTS-ENWP-244	P/S
Linear and angular measurements	Snap gauge-Metric/Inch	200 mm to 300 mm	1.6 µm	Internal procedure :GTS-ENWP-244	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	LA Abrasion Machine – Inside Diameter Inside Length Average Dia. Of Charge Average Mass of Charge Rotation Per Minute	0 to 711 mm 0 to 508 mm 0 to 47 mm 0 to 455 g 0.1 to 33 rpm	0.05 mm 0.04 mm 0.03 mm 0.01 g 0.6 rpm	Internal procedure :GTS-ENWP-72	P/S
Linear and angular measurements	Optical flat -Metric/Inch	5 mm to 100 mm	0.6 µm	Internal procedure :GTS-ENWP-216	P/S
Linear and angular measurements	V Block - Plain /Magnetic --Metric/Inch	2 " to 12"	1.3 µm	Internal procedure : GTS-ENWP-218	P/S
Linear and angular measurements	Sine bar - Length -Metric/Inch	50 mm to 500 mm	2.1 µm	Internal procedure : GTS-ENWP-267	P/S
Linear and angular measurements	Sine bar - Angular-Metric/Inch	1° to 90°	7.8 arc sec	Internal procedure : GTS-ENWP-267	P/S
Linear and angular measurements	Sine bar - Parallelism-Metric/Inch	0 to 500 mm	1.8 µm	Internal procedure : GTS-ENWP-267	P/S
Linear and angular measurements	Diamond Cone Indenter /Vickers/Knoop/Rock well : Length /Angle	0-100mm /0-360 °	6.4 / 2 arc min	Internal procedure : GTS-ENWP-91	P/S
Linear and angular measurements	Multi-Step Thickness Gauge blocks -Metric /Inch	0 to 25 mm	1.1 µm	Internal Procedure :GTS-ENWP-34	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Reference Blocks for Calibration of Ultrasonic Testing Instruments - Metric / Inch	0.5 mm to 200 mm	1.2 µm	Internal Procedure :GTS-ENWP-133	P/S
Linear and angular measurements	Reference Blocks for Calibration of Ultrasonic Testing Instruments - Metric / Inch	(>200 to 450) mm	1.5 µm	Internal Procedure :GTS-ENWP-133	P/S
Linear and angular measurements	Travelling beam Apparatus	Vertical deviation : ± 25 mm /up to 3 m size	0.9 mm	Internal Procedure :GTS-ENWP-352	P/S
Linear and angular measurements	Linear Measurement – Steel Ball, CBR Mold, Proctor Molds, Marshall mold, Cube Moulds, Moulds Mortar Cube, Slump Cone & Tamping apparatus, --Metric/Inch	0.5 mm to 50 mm	3.6 µm	Internal Procedure :GTS-ENWP-352	P/S
Linear and angular measurements	Linear Measurement – Steel Ball, CBR Mold, Proctor Molds, Marshall mold, Cube Moulds, Moulds Mortar Cube, Slump Cone & Tamping apparatus, --Metric/Inch	Flatness - 50mm X 50 mm to 300 mm x 300 mm	4 µm	Internal Procedure :GTS-ENWP-352	P/S
Linear and angular measurements	Linear Measurement – Steel Ball, CBR Mold, Proctor Molds, Marshall mold, Cube Moulds, Moulds Mortar Cube, Slump Cone & Tamping apparatus --Metric/Inch	0.1 mm to 600 mm (using Caliper) 0.1 mm to 600 mm (using CMM)	25 µm 8 µm	Internal Procedure :GTS-ENWP-352	P/S
Linear and angular measurements	Concrete Cover Meter Depth	15 to 50 mm	0.75 mm	Internal Procedure :GTS-ENWP-352	P/S
Linear and angular measurements	Gloss meter	0 to 100 GU	0.71 GU	Internal Procedure :GTS-ENWP-294	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Linear and angular measurements	Track Gauge	0 to 2 m	0.32 mm	Internal Procedure :GTS-ENWP-352	P/S
Linear and angular measurements	Laser Distance meter --Metric/Inch	0 to 1 m	0.5 mm	Internal Procedure :GTS-ENWP-97	P/S
Linear and angular measurements	Laser Distance meter --Metric/Inch	>1 m to 80 m	3.2 mm	Internal Procedure :GTS-ENWP-97	P/S
Linear and angular measurements	Compression/Tension Machine Platens	Flatness Over 300 mm x 300 mm	4 µm	Internal Procedure :GTS-ENWP-352	P/S
Measurement of force, weight and pressure	Pneumatic Pressure Calibration of Digital & Analogue Pressure Gauges including Diaphragm Gauge, Absolute	550 to 1150 mbar a	0.00013	Internal procedure : GTS-ENWP-02	P/S
Measurement of force, weight and pressure	Pneumatic Pressure - Calibration of Digital & Analogue Pressure Gauges	0 to 10 Mpa	0.015 %	Internal procedure : GTS-ENWP-02	P/S
Measurement of force, weight and pressure	Pneumatic Pressure gauge includes-Gas Pressure (absolute gauge, transmitter, indicators)	0 - 345 kpa	0.0004	Internal procedure : GTS-ENWP-02	P/S
Measurement of force, weight and pressure	Pneumatic Pressure meas. Instruments - manometer . Absolute , Differential pressure etc.	-0.68 mbar to 0.68 mbar	0.03 %	Internal procedure : GTS-ENWP-02	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.O Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Measurement of force, weight and pressure	Pneumatic Pressure meas. Instruments - manometer . Absolute , Differential pressure etc.	-0.95 bar to 0 bar	0.10 %	Internal procedure : GTS-ENWP-02	P/S
Measurement of force, weight and pressure	Pneumatic Pressure meas. Instruments - manometer . Absolute , Differential pressure etc.	0 to 10 bar	0.11 %	Internal procedure : GTS-ENWP-02	P/S
Measurement of force, weight and pressure	Pneumatic Pressure meas. Instruments - manometer . Absolute , Differential pressure etc.	1 to 11 bar a	0.02 %	Internal procedure : GTS-ENWP-02	P/S
Measurement of force, weight and pressure	Barometer -Single point	550 to 1150 mbar	0.00013	Internal Procedure :GTS-ENWP-348	P
Measurement of force, weight and pressure	Pneumatic Pressure Transducers, Transmitters and Switches/Level transmitter/Gas Pressure-(Gauge)Calibration of pressure devices with an electrical output; magnehelic gauges; U-Tube Manometers, Differential Pressure transmitters/ Gauges	0 to 10 Mpa	0.04 %	Internal procedure : GTS-ENWP-02	P/S
Measurement of force, weight and pressure	Vacuum gauge calibration –Analogue & Digital	0 to – 0.1 MPa	0.001	Internal procedure : GTS-ENWP-03	P/S
Measurement of force, weight and pressure	Hydraulic Pressure Transducers, Transmitters and Switches	0.069 to 120 Mpa	0.0011	Internal procedure : GTS-ENWP-02	P/S
Measurement of force, weight and pressure	Hydraulic pressure Digital & Analogue Pressure Gauges & pressure modules	0.069 to 120 MPa	0.00014	Internal procedure : GTS-ENWP-02	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Measurement of force, weight and pressure	Hydraulic pressure Digital & Analogue Pressure Gauges & pressure modules	120 Mpa to 420 Mpa	0.00023	Internal procedure : GTS-ENWP-02	P/S
Measurement of force, weight and pressure	Hydraulic pressure Digital & Analogue Pressure Gauges - Comparison method -High Pr. Pump	100 Mpa to 500 Mpa	0.006	Internal procedure : GTS-ENWP-02	P/S
Measurement of force, weight and pressure	Autoclave - Pressure vessels	0 - 0.5 Mpa	0.0004	Internal Procedure :GTS-ENWP-271	P/S
Measurement of force, weight and pressure	Calibration of Mercury and dial Sphygmomanometer	0 to 46.66 kPa 0 to 300 mmHg	0.0018	Internal procedure : GTS-ENWP-184	P/S
Measurement of force, weight and pressure	NIBP Pressure - Patient simulator/Infusion Device Analyzer	0 to 400 mmHg/ 54 kpa	0.0003	Internal procedure : GTS-ENWP-290	P/S
Measurement of force, weight and pressure	Pneumatic Pressure (Infusion Device Analyzer)	0-45 psi /0-310 kpa	0.0033	Internal procedure : GTS-ENWP-291	P/S
Measurement of force, weight and pressure	Pressure switch	-0.09 Mpa to 120 Mpa	0.0025	Internal procedure : GTS-ENWP-83	P/S
Measurement of force, weight and pressure	Gas pressure (gauge) Determination of effective area of Dead Weight Testers and "Pressure equivalent" calibration of Dead Weight Testers (pressure balances supplied with an associated mass set)	3.5 kpa to 100 kpa	0.00006	Internal procedure : GTS-ENWP-325	P

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Measurement of force, weight and pressure	Gas pressure (gauge) Determination of effective area of Dead Weight Testers and "Pressure equivalent" calibration of Dead Weight Testers (pressure balances supplied with an associated mass set)	0.05 to 2.5 Mpa	0.00007	Internal procedure : GTS-ENWP-325	P
Measurement of force, weight and pressure	Hydraulic pressure (gauge) Determination of effective area of Dead Weight Testers and "Pressure equivalent" calibration of Dead Weight Testers (pressure balances supplied with an associated mass set)	0.06 to 140 Mpa	0.00008	Internal procedure : GTS-ENWP-325	P
Measurement of force, weight and pressure	Calibration of Hydraulic Dead Weight tester - Generated Pressure method	0.069 to 140 Mpa	0.0001	Internal procedure : GTS-ENWP-143	P
Measurement of force, weight and pressure	Calibration of Pneumatic Dead Weight tester - Generated Pressure method	0.05 to 2.5 Mpa	0.0001	Internal procedure : GTS-ENWP-143	P
Measurement of force, weight and pressure	Pressure chart recorders- All types - Pressure	0 to 420 Mpa	0.0017	Internal procedure :GTS-ENWP-66	P/S
Measurement of force, weight and pressure	Pressure chart recorders- All types - Differential Pressure	0 to 400 in H2O	0.001	Internal procedure :GTS-ENWP-66	P/S
Measurement of force, weight and pressure	Air content Gauge/Air entrainment meter	0 to 30 psi (2 bar)	0.002	Internal procedure :GTS-ENWP-37	P/S
Measurement of force, weight and pressure	Thermal mass flowmeter/Rotameter / Airflow meter/Gas Flow meter	0 to 34.5 Mpa	0.1% of Set pressure	Internal procedure :GTS-ENWP-107	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Measurement of force, weight and pressure	PSV /PRV using Ventil test bench	0 to 30 Mpa	0.001	Internal Procedure :GTS-ENWP-107	P
Measurement of force, weight and pressure	Pressure Vacuum Relief Valve - All types (Weight loaded , Spring Loaded , Liquid loaded , Pilot operated diaphragm Valves)	0 to 500mm H2O	0.001	Internal Procedure :GTS-ENWP-107	P/S
Measurement of force, weight and pressure	PRV - High pressure - Medium oil	0 to 60000 psi	0.004	Internal Procedure :GTS-ENWP-107	P/S
Thermodynamics and temperature measurements	Speedy Moisture Tester	(0.1 to 20) % Water Content	0.18 % Water Content	Internal Procedure :GTS-ENWP-37	P/S
Measurement of force, weight and pressure	Force Verification /Calibration of Compression testing machines ISO 7500-1 and ASTM E4 (CBR Machine,Marshall testing machine, Flexural machine, UCS machine etc..)	0.2- 10 kN	0.005	Internal procedure : GTS-ENWP-06	P/S
Measurement of force, weight and pressure	Force Verification /Calibration of Compression testing machines ISO 7500-1 and ASTM E4 (CBR Machine,Marshall testing machine, Flexural machine, UCS machine etc..)	5- 50 kN	0.002	Internal procedure : GTS-ENWP-06	P/S
Measurement of force, weight and pressure	Force Verification /Calibration of Compression testing machines ISO 7500-1 and ASTM E4 (CBR Machine,Marshall testing machine, Flexural machine, UCS machine etc..)	50 kN up to 3000 kN	0.17%	Internal procedure : GTS-ENWP-06	P/S
Measurement of force, weight and pressure	Compression Machine Stability Test	200-2000 kN	0.0003	Internal Procedure :GTS-ENWP-06	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Measurement of force, weight and pressure	Force Verification /Calibration of tensile testing machines	0.2 - 10 kN	0.0025	Internal procedure : GTS-ENWP-06A	P/S
Measurement of force, weight and pressure	Force Verification /Calibration of tensile testing machines	> 10 kN up to 300 kN	0.0012	Internal procedure : GTS-ENWP-06A	P/S
Measurement of force, weight and pressure	Proving rings for soil testing apparatus	200 N up to 50 kN	± 0.12 % of applied load	Internal procedure : GTS-ENWP-08	P/S
Measurement of force, weight and pressure	Proving rings for soil testing apparatus	>50 kN up to 200 kN	± 0.18 % of applied load	Internal procedure : GTS-ENWP-08	P/S
Measurement of force, weight and pressure	Push-Pull gauge/Force Gauge / Force measuring Devices	0 to 300 kN	±0.1% of full scale	Internal procedure : GTS-ENWP-08B	P/S
Measurement of force, weight and pressure	Hydraulic Jack with Indicator	200 N to 50 kN	0.002	Internal procedure : GTS-ENWP-201	P/S
Measurement of force, weight and pressure	Hydraulic Jack with Indicator	50 kN to 3000 kN	0.006	Internal procedure : GTS-ENWP-201	P/S
Measurement of force, weight and pressure	Point Load tester	0 to 100 kN	0.002	Internal Procedure :GTS-ENWP-342	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Measurement of force, weight and pressure	Bolt tension calibrator	0 to 1000 kN	0.0015	Internal procedure : GTS-ENWP-322	P/S
Measurement of force, weight and pressure	Cable tensiometer	6.78 to 1360 N	0.0001	Internal Procedure :GTS-ENWP-343	P/S
Measurement of force, weight and pressure	Concrete Penetrometer	0 to 100kgf	0.6%	Internal procedure : GTS-ENWP-85	P/S
Measurement of force, weight and pressure	Durometer Spring	0.1 N to 45 N	0.001	Internal Procedure :GTS-ENWP-362	P/S
Measurement of force, weight and pressure	Force Transducer and load cell with indicator (Tensile and Compression)	100 N up to 300 kN	0.08% of full scale	Internal Procedure :GTS-ENWP-345	P/S
Measurement of force, weight and pressure	Force Transducer and load cell with indicator (Tensile)- Industrial type	300kN to 1000 kN	0.1 % of full scale	Internal Procedure :GTS-ENWP-345	P/S
Measurement of force, weight and pressure	Force Transducer and load cell with indicator (Compression)	300 kN to 3000 kN	0.25% of full scale	Internal Procedure :GTS-ENWP-345	P/S
Measurement of force, weight and pressure	Torque Hand Torque Tools- All types -Digital and Analogue- Setting /Indicating / Multiplier/screw driver	0.2 to 0.3 Nm	0.0065	Internal procedure : GTS-ENWP-31	P

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Measurement of force, weight and pressure	Torque Hand Torque Tools- All types -Digital and Analogue- Setting /Indicating / Multiplier/screw driver	0.3 Nm to 1 Nm	0.0065	Internal procedure : GTS-ENWP-31	P
Measurement of force, weight and pressure	Torque Hand Torque Tools- All types -Digital and Analogue- Setting /Indicating / Multiplier/screw driver	1 N·m to 5.65 N·m	0.0065	Internal procedure : GTS-ENWP-31	P
Measurement of force, weight and pressure	Torque Hand Torque Tools- All types -Digital and Analogue- Setting /Indicating / Multiplier/screw driver	3 N·m to 45 N·m	0.004	Internal procedure : GTS-ENWP-31	P
Measurement of force, weight and pressure	Torque Hand Torque Tools- All types -Digital and Analogue- Setting /Indicating / Multiplier/screw driver	9.03 N·m to 813.49 N·m	0.0018	Internal procedure : GTS-ENWP-31	P
Measurement of force, weight and pressure	Torque Hand Torque Tools- All types -Digital and Analogue- Setting /Indicating / Multiplier/screw driver	271 N·m to 2711 N·m	0.0034	Internal procedure : GTS-ENWP-31	P
Measurement of force, weight and pressure	Torque Transducers	0 to 0.45 Nm	0.001	Internal procedure : GTS-ENWP-185	P/S
Measurement of force, weight and pressure	Torque Transducers	0.45 N·m to 5.65 N·m	0.001	Internal procedure : GTS-ENWP-185	P/S
Measurement of force, weight and pressure	Torque Transducers	3.39 N·m to 45.19 N·m	0.001	Internal procedure : GTS-ENWP-185	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Measurement of force, weight and pressure	Torque Transducers	10 N·m to 113 N·m	0.0016	Internal procedure : GTS-ENWP-185	P/S
Measurement of force, weight and pressure	Torque Transducers	30 N·m to 339 N·m	0.0016	Internal procedure : GTS-ENWP-185	P/S
Measurement of force, weight and pressure	Torque Transducers	9.03 N·m to 813.49 N·m	0.0017	Internal procedure : GTS-ENWP-185	P/S
Measurement of force, weight and pressure	Torque Transducers	271 N·m to 2711 N·m	0.0007	Internal procedure : GTS-ENWP-185	P/S
Measurement of force, weight and pressure	Torque Multipliers /Torque wrenches using static transducers includes Electric and Hydraulic	0 to 5000 Nm	0.0028	Internal Procedure :GTS-ENWP-31A	P
Measurement of force, weight and pressure	Torque Multipliers /Torque wrenches using static transducers includes Electric and Hydraulic	> 5000 Nm to 10000 Nm	0.005	Internal Procedure :GTS-ENWP-31A	P
Measurement of force, weight and pressure	Torque Multipliers /Torque wrenches using static transducers includes Electric and Hydraulic	> 10000 Nm to 20000 Nm	0.0048	Internal Procedure :GTS-ENWP-31A	P
Measurement of force, weight and pressure	Torque Multipliers /Torque wrenches using static transducers includes Electric and Hydraulic	> 20000 Nm to 30000 Nm	0.0048	Internal Procedure :GTS-ENWP-31A	p

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

Measurement of force, weight and pressure	Torque Multipliers /Torque wrenches using static transducers includes Electric and Hydraulic	> 30000 Nm to 50000 Nm	0.0045	Internal Procedure :GTS-ENWP-31A	p
	CO	200 parts in 106	0.02	Internal Procedure :GTS-ENWP-289	P/S
	CO	100 parts in 106	0.05	Internal Procedure :GTS-ENWP-289	P/S
	CO	50 parts in 106	0.051	Internal Procedure :GTS-ENWP-289	P/S
	CO	10 parts in 106	0.051	Internal Procedure :GTS-ENWP-289	P/S
	O2	0.18	0.02	Internal Procedure :GTS-ENWP-289	P/S
	CH4	0.025	0.032	Internal Procedure :GTS-ENWP-289	P/S
	C2H5OH	260.5 parts n 10 6	0.02	Internal Procedure :GTS-ENWP-289	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	H2S	25 ppm	0.05	Internal Procedure :GTS-ENWP-289	P/S
	H2S	100 parts in 106	0.05	Internal Procedure :GTS-ENWP-289	P/S
	CO2	100 parts in 106	0.02	Internal Procedure :GTS-ENWP-289	P/S
	SO2	10 parts in 106	0.05	Internal Procedure :GTS-ENWP-289	P/S
	H2	0.02	0.037	Internal Procedure :GTS-ENWP-289	P/S
	Alcolmeters	Ethanol 0.35 mg/L BrAC	0.027	Internal Procedure :GTS-ENWP-289	P/S
	Liquid-in-glass thermometers(°C / °F)	-35 to 0 °C	0.07 °C	Internal procedure : GTS-ENWP-13	P/S
	Liquid-in-glass thermometers(°C / °F)	0 to 100 °C	0.08 °C	Internal procedure : GTS-ENWP-13	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Liquid-in-glass thermometers(°C / °F)	100 to 165 °C	0.09 °C	Internal procedure : GTS-ENWP-13	P/S
	Liquid-in-glass thermometers(°C / °F)	165 to 300 °C	0.10 °C	Internal procedure : GTS-ENWP-13	P/S
	Direct reading thermometers/Temperature Indicator/ Controller with Sensor (°C / °F)	35 °C to 160 °C	0.08°C	Internal procedure : GTS-ENWP-15	P/S
	Direct reading thermometers/Temperature Indicator/ Controller with Sensor (°C / °F)	>160 °C to 500 °C	0.15 °C	Internal procedure : GTS-ENWP-15	P/S
	Direct reading thermometers/Temperature Indicator/ Controller with Sensor (°C / °F)	>500 °C to 900 °C	0.4 °C	Internal procedure : GTS-ENWP-15	P/S
	Direct reading thermometers/Temperature Indicator/ Controller with Sensor (°C / °F)	>900 °C to 1200 °C	1.2 °C	Internal procedure : GTS-ENWP-15	P/S
	Dial Thermometers (°C / °F)	-35°C to 160°C	0.12°C	Internal procedure : GTS-ENWP-14	P/S
	Dial Thermometers (°C / °F)	>160°C to 400°C	0.24 °C	Internal procedure : GTS-ENWP-14	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Dial Thermometers (°C / °F)	>400°C to 800°C	1.3 °C	Internal procedure : GTS-ENWP-14	P/S
	Platinum resistance thermometer(°C / °F)	-33 to 250°C	0.026 °C	Internal Procedure :GTS-ENWP-179	P/S
	Platinum resistance thermometer(°C / °F)	250 to 400°C	0.043 °C	Internal Procedure :GTS-ENWP-179	P/S
	Platinum resistance thermometer(°C / °F)	400 to 660 °C	0.071 °C	Internal Procedure :GTS-ENWP-179	P/S
	Base Metal Thermocouple (°C / °F)	35°C to 250 °C	0.3°C	Internal procedure : GTS-ENWP-12	P/S
	Base Metal Thermocouple (°C / °F)	>250 °C to 600 °C	0.6°C	Internal procedure : GTS-ENWP-12	P/S
	Base Metal Thermocouple (°C / °F)	>600 °C to 900 °C	0.9°C	Internal procedure : GTS-ENWP-12	P/S
	Base Metal Thermocouple (°C / °F)	>900 °C to 1200 °C	1.9°C	Internal procedure : GTS-ENWP-12	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Noble Metal Thermocouple (°C / °F)	0°C to 600°C	0.6°C	Internal procedure : GTS-ENWP-12	P/S
	Noble Metal Thermocouple (°C / °F)	>600°C to 900°C	0.9°C	Internal procedure : GTS-ENWP-12	P/S
	Noble Metal Thermocouple (°C / °F)	>900°C to 1200°C	1.3°C	Internal procedure : GTS-ENWP-12	P/S
	Noble Metal Thermocouple (°C / °F)	>1200°C to 1500°C	2.4°C	Internal procedure : GTS-ENWP-12	P/S
	Climatic Chamber (°C / °F)	-30°C to 180°C	0.7 °C	Internal procedure : GTS-ENWP-09	P/S
	Water Bath, incubators (°C / °F)	5°C to 95°C	0.8°C	Internal procedure : GTS-ENWP-09	P/S
	Freezer/Chiller (°C / °F)	-30°C up to 95°C	0.7°C	Internal procedure : GTS-ENWP-154	P/S
	Furnace, Oven . Muffle Furnace (°C / °F)	30°C to 180°C	0.7°C	Internal procedure : GTS-ENWP-201	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Furnace, Oven . Muffle Furnace (°C / °F)	>180°C up to 300°C	1°C	Internal procedure : GTS-ENWP-201	P/S
	Furnace, Oven . Muffle Furnace (°C / °F)	>300°C to 800°C	1.4 °C	Internal procedure : GTS-ENWP-201	P/S
	Furnace, Oven . Muffle Furnace (°C / °F)	>800°C to 1200°C	2.4°C	Internal procedure : GTS-ENWP-201	P/S
	Auto Clave (Temperature) - Wireless (°C / °F)	-60°C to 140°C	0.41°C	Internal procedure : GTS-ENWP-155	P/S
	Auto Clave (Temperature) - Wireless (°C / °F)	Above 140 to 200°C	0.26°C	Internal procedure : GTS-ENWP-155	P/S
	Auto Clave (Humidity) - Wireless (°C / °F)	25 % - 75 % RH	1.5%	Internal procedure : GTS-ENWP-155	P/S
	Refrigerator (°C / °F)	- 40°C to 20°C	0.6°C	Internal procedure : GTS-ENWP-176	P/S
	Liquid Calibration bath / Stirred Liquid bath (°C / °F)	-80°C to 165°C	0.09°C	Internal procedure : GTS-ENWP-182	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Liquid Calibration bath / Stirred Liquid bath (°C / °F)	>165°C to 300°C	0.14°C	Internal procedure : GTS-ENWP-182	P/S
	Dry Block Calibrator (°C / °F)	Atmospheric temp. to 250°C	0.15 °C	Internal procedure : GTS-ENWP-177	P/S
	Dry Block Calibrator (°C / °F)	>250 to 400°C	0.26°C	Internal procedure : GTS-ENWP-177	P/S
	Dry Block Calibrator (°C / °F)	>400 to 650°C	0.5°C	Internal procedure : GTS-ENWP-177	P/S
	Dry Block Calibrator (°C / °F)	>650°C to 900°C	1°C	Internal procedure : GTS-ENWP-177	P/S
	Dry Block Calibrator (°C / °F)	900°C to 1200°C	1.1°C	Internal procedure : GTS-ENWP-177	P/S
	Dry Block Calibrator (°C / °F)	1200°C to 1500°C	2.4°C	Internal procedure : GTS-ENWP-177	P/S
	Humidity meter / Transmitter (°C / °F)	10% of RH to 90 % of RH	1% RH	Internal procedure : GTS-ENWP-178	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	RTD with/ without Temperature Indicator (°C / °F)	-45°C to 40°C	0.22°C	Internal procedure : GTS-ENWP-179	P/S
	RTD with/ without Temperature Indicator (°C / °F)	>40°C to 200°C	0.33°C	Internal procedure : GTS-ENWP-179	P/S
	RTD with/ without Temperature Indicator (°C / °F)	>200°C to 600°C	0.48°C	Internal procedure : GTS-ENWP-179	P/S
	Temperature Transducer/ Transmitter/ Switch (°C / °F)	-30 °C to 150°C	0.15°C	Internal procedure :GTS-ENWP-181	P/S
	Temperature Transducer/ Transmitter/ Switch (°C / °F)	>150°C to 660°C	0.48°C	Internal procedure :GTS-ENWP-181	P/S
	Temperature Transducer/ Transmitter/ Switch (°C / °F)	660°C to 850°C	1.2°C	Internal procedure :GTS-ENWP-181	P/S
	Data Logger (Temperature, Humidity)/Thermo Hygrometer / Humidity measurement (°C / °F)	-10 °C to 70°C	0.59°C	Internal procedure : GTS-ENWP-183	P/S
	Data Logger (Temperature, Humidity)/Thermo Hygrometer / Humidity measurement (°C / °F)	5% to 95 % of RH	0.86 %RH	Internal procedure : GTS-ENWP-183	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Max.Min. thermometer / IN-OUT/Air temperature / Temperature measurement /Dial type thermometer / clinical thermometer - Built in sensor (°C / °F)	5 to 60 °C	0.59°C	Internal procedure : GTS-ENWP-41	P/S
	Temperature chart recorder with element -All types	-20 to 100 °C/-4°F to 212 °F	0.42 °C / 0.92 °F	Internal procedure : GTS-ENWP-230	P/S
	Infrared thermometer / thermal imager / pyrometer , Non contact thermometer (Ear thermometer,thermal imager,pyrometer,tympanometer) 30 °C- 600°C -(°C / °F)	-30 to 35 °C	0.48°C	Internal procedure : GTS-ENWP-150	P/S
	Infrared thermometer / thermal imager / pyrometer , Non contact thermometer (Ear thermometer,thermal imager,pyrometer,tympanometer) 30 °C- 600°C -(°C / °F)	35 -200 °C	0.8 °C	Internal procedure : GTS-ENWP-150	P/S
	Infrared thermometer / thermal imager / pyrometer , Non contact thermometer (Ear thermometer,thermal imager,pyrometer,tympanometer) 30 °C- 600°C -(°C / °F)	200 -400 °C	0.9 °C	Internal procedure : GTS-ENWP-150	P/S
	Infrared thermometer / thermal imager / pyrometer , Non contact thermometer (Ear thermometer,thermal imager,pyrometer,tympanometer) 30 °C- 600°C -(°C / °F)	400 -600 °C	1.5°C	Internal procedure : GTS-ENWP-150	P/S
	Infrared thermometer / thermal imager / pyrometer , Non contact thermometer (Ear thermometer,thermal imager,pyrometer,tympanometer) 30 °C- 600°C -(°C / °F)	600 -800 °C	1.9°C	Internal procedure : GTS-ENWP-150	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Infrared thermometer / thermal imager / pyrometer , Non contact thermometer (Ear thermometer,thermal imager,pyrometer,typanometer) 30 °C- 600°C -(°C / °F)	800 -1200 °C	4.3 °C	Internal procedure : GTS-ENWP-150	P/S
	Humidity chamber	5% Rh to 95 % Rh	1.2 % RH	Internal procedure : GTS-ENWP-318	P/S
	Temperature controller/Indicator\Dish Washer / Glass Washer	10 °C to 90 °C	0.15 °C	Internal procedure : GTS-ENWP-270	P/S
	Hot cabinet, Warmer. Hotbox,Ignition oven / Asphalt content tester	25 °C to 250 °C	0.44 °C	Internal procedure : GTS-ENWP-271	P/S
	Hot cabinet, Warmer. Hotbox,Ignition oven / Asphalt content tester	200 to 850 °C	1.5 °C	Internal procedure : GTS-ENWP-321	P/S
	Ignition oven / Asphalt content tester	850 to 1500 °C	2.5 °C	Internal procedure : GTS-ENWP-321	P/S
	Environmental chamber - Temperature and Humidity	-20 to 140 °c 5 % to 95 % of RH	0.5 °c /1.2% RH	Internal procedure : GTS-ENWP-274	P/S
	Dew point measuring devices	-20 °C dp to 40 °C dp	2.9 °C dp	Internal Procedure :GTS-ENWP-318	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Temperature Sources and Temperature Controlled Enclosures measurement / Validation - Autoclaves, Cold Rooms,Dry Wells, Environment Chambers,Freezers,Furnace, Incubators,Liquid Baths,Ovens,Refrigerators, Sterile Rooms,Stability Rooms,Trucks, Warehouses(°C / °F)	-80 to 600 °C	0.71 °C	Internal Procedure :GTS-ENWP-271	P/S
	Temperature Sources and Temperature Controlled Enclosures measurement / Validation - Autoclaves, Cold Rooms,Dry Wells, Environment Chambers,Freezers,Furnace, Incubators,Liquid Baths,Ovens,Refrigerators, Sterile Rooms,Stability Rooms,Trucks, Warehouses(°C / °F)	660 to 900 °C	1.9 °C	Internal Procedure :GTS-ENWP-271	P/S
	Temperature Sources and Temperature Controlled Enclosures measurement / Validation - Autoclaves, Cold Rooms,Dry Wells, Environment Chambers,Freezers,Furnace, Incubators,Liquid Baths,Ovens,Refrigerators, Sterile Rooms,Stability Rooms,Trucks, Warehouses(°C / °F)	900 to 1200 °C	2.4 °C	Internal Procedure :GTS-ENWP-271	P/S
	Furnace Validation as per API 6 and AMS 2750 E (°C / °F)	Ambient to 250 °C	0.91 °C	Internal procedure : GTS-ENWP-271	P/S
	Furnace Validation as per API 6 and AMS 2750 E (°C / °F)	Above 250 to 1100 °C	2.1 °C	Internal procedure : GTS-ENWP-271	P/S
	Temperature Uniformity measurement (°C / °F)	Ambient to 1100 °C	0.96°C	Internal procedure : GTS-ENWP-271	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Air Velocity – Hot Wire, Vane Type and Pitot Tube Anemometer	2.0 m/s to 15 m/s	0.23 m/s	Internal Procedure :GTS-ENWP-147	P/S
	Liquid flow / Liquid velocity/BTU- Flow rate using Clamp on Ultrasonic flow meter	650 to 6583 1/min / 0 to 50 °C	0.0045	Internal Procedure :GTS-ENWP-239B	P/S
	Coriolis mass flow meter/Totalizer	(1 to 185) lpm	0.0005	Internal Procedure :GTS-ENWP-239E	P/S
	Coriolis mass flow meter/Totalizer	(>185 to 2166) lpm	0.0006	Internal Procedure :GTS-ENWP-239E	P/S
	Volumetric Flow – LVolumetric Flow – Liquid – Using PD Meters	20 lpm to 205 lpm	0.005	Internal Procedure :GTS-ENWP-239G	P/S
	Volumetric Flow – Liquid – Using PD Meters	>205 lpm to 2500 lpm	0.005	Internal Procedure :GTS-ENWP-239G	P/S
	Volume Totalizers / Coriolis mass flow meter	From 50 L	23 ml + 0.25 %	Internal Procedure :GTS-ENWP-239G	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Flow Meters (Medium -Gas) and Infusion Device analysers	5-200 sccm	0.0027	Internal Procedure :GTS-ENWP-239A	P/S
	Thermal mass flowmeter/Rotameter / Airflow meter/Gas Flow meter	0.25 -20 slpm	0.0032	Internal Procedure :GTS-ENWP-239A	P/S
	Measurement using Thermal mass flowmeter/Rotameter / Airflow meter/Gas Flow meter	20 - 500 slpm	0.0019	Internal Procedure :GTS-ENWP-239A	P/S
	Air Flow Meter/Gas Flow meter	0.1 to 30 lpm	0.00051	Internal Procedure :GTS-ENWP-239A	P/S
	Dynamic Viscosity	(0 to 100 000) cP	0.0023	Internal Procedure :GTS-ENWP-58	P/S
	Kinematic - Viscosity cup	(0 to 100 000) cP	0.0027	Internal Procedure :GTS-ENWP-58	P/S
	Hydrometer - Comparison method	(0.65 to 0.95) sg	0.0012 sg	Internal Procedure :GTS-ENWP-349	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Hydrometer - Comparison method	(0.95 to 1.05) sg	0.0012 sg	Internal Procedure :GTS-ENWP-349	P/S
	Hydrometer - Comparison method	(1.05 to 1.55) sg	0.0014 sg	Internal Procedure :GTS-ENWP-349	P/S
	Densitometer	0.6 - 3 g/ cm3	0.0002	Internal Procedure :GTS-ENWP-209	P/S
	Conventional Mass (F1 Class and below)	1 mg	0.005 mg	Internal procedure :GTS-ENWP-17	P/S
	Conventional Mass (F1 Class and below)	2 mg	0.005 mg	Internal procedure :GTS-ENWP-17	P/S
	Conventional Mass (F1 Class and below)	5 mg	0.005 mg	Internal procedure :GTS-ENWP-17	P/S
	Conventional Mass (F1 Class and below)	10 mg	0.006 mg	Internal procedure :GTS-ENWP-17	P/S
	Conventional Mass (F1 Class and below)	20 mg	0.01mg	Internal procedure :GTS-ENWP-17	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Conventional Mass (F1 Class and below)	50 mg	0.012 mg	Internal procedure :GTS- ENWP-17	P/S
	Conventional Mass (F1 Class and below)	100 mg	0.016 mg	Internal procedure :GTS- ENWP-17	P/S
	Conventional Mass (F1 Class and below)	200 mg	0.02 mg	Internal procedure :GTS- ENWP-17	P/S
	Conventional Mass (F1 Class and below)	500 mg	0.025 mg	Internal procedure :GTS- ENWP-17	P/S
	Conventional Mass (F1 Class and below)	1 g	0.03mg	Internal procedure :GTS- ENWP-17	P/S
	Conventional Mass (F1 Class and below)	2 g	0.04 mg	Internal procedure :GTS- ENWP-17	P/S
	Conventional Mass (F1 Class and below)	5 g	0.05 mg	Internal procedure :GTS- ENWP-17	P/S
	Conventional Mass (F1 Class and below)	10 g	0.06 mg	Internal procedure :GTS- ENWP-17	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Conventional Mass (F1 Class and below)	20 g	0.08 mg	Internal procedure :GTS-ENWP-17	P/S
	Conventional Mass (F1 Class and below)	50 g	0.10 mg	Internal procedure :GTS-ENWP-17	P/S
	Conventional Mass (F1 Class and below)	100 g	0.16 mg	Internal procedure :GTS-ENWP-17	P/S
	Conventional Mass (F1 Class and below)	200 g	0.3 mg	Internal procedure :GTS-ENWP-17	P/S
	Conventional Mass (F1 Class and below)	500 g	0.8 mg	Internal procedure :GTS-ENWP-17	P/S
	Conventional Mass (F1 Class and below)	1 kg	0.8 mg	Internal procedure :GTS-ENWP-17	P/S
	Conventional Mass (F1 Class and below)	2 kg	3 mg	Internal procedure :GTS-ENWP-17	P/S
	Conventional Mass (F1 Class and below)	5 kg	5 mg	Internal procedure :GTS-ENWP-17	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Conventional Mass (F1 Class and below)	10 kg	8 mg	Internal procedure :GTS-ENWP-17	P/S
	Conventional Mass (F1 Class and below)	20 kg	20 mg	Internal procedure :GTS-ENWP-17	P/S
	Conventional Mass (M1 Class and below)	500 kg	0.03 kg	Internal procedure :GTS-ENWP-17	P/S
	Conventional Mass (M1 Class and below)	1 t	0.06 kg	Internal procedure :GTS-ENWP-17	P/S
	Mass determination of dead weight tester weights -Intermediate values	0.1 g	0.035 mg	Internal procedure :GTS-ENWP-325	P/S
	Mass determination of dead weight tester weights -Intermediate values	0.2 g	0.040 mg	Internal procedure :GTS-ENWP-325	P/S
	Mass determination of dead weight tester weights -Intermediate values	0.5 g	0.05 mg	Internal procedure :GTS-ENWP-325	P/S
	Mass determination of dead weight tester weights -Intermediate values	1 g	0.06 mg	Internal procedure :GTS-ENWP-325	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Mass determination of dead weight tester weights -Intermediate values	2 g	0.08 mg	Internal procedure :GTS-ENWP-325	P/S
	Mass determination of dead weight tester weights -Intermediate values	5 g	0.10 mg	Internal procedure :GTS-ENWP-325	P/S
	Mass determination of dead weight tester weights -Intermediate values	10 g	0.12 mg	Internal procedure :GTS-ENWP-325	P/S
	Mass determination of dead weight tester weights -Intermediate values	20 g	0.16 mg	Internal procedure :GTS-ENWP-325	P/S
	Mass determination of dead weight tester weights -Intermediate values	50 g	0.20 mg	Internal procedure :GTS-ENWP-325	P/S
	Mass determination of dead weight tester weights -Intermediate values	50 g to 20 kg	6 µg/g	Internal procedure :GTS-ENWP-325	P/S
	Unknown masses / Similar	1 mg to 32 kg	0.000015	Internal Procedure :GTS-ENWP-358	P/S
	Analytical, Laboratory & Industrial Balances	1 mg to 2 g	1.7 µg/g + 3.8 µg	Internal procedure :GTS-ENWP-01	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Analytical, Laboratory & Industrial Balances	10 mg to 80 g	0.03 mg	Internal procedure :GTS-ENWP-01	P/S
	Analytical, Laboratory & Industrial Balances	>80 to 320 g	0.1 mg	Internal procedure :GTS-ENWP-01	P/S
	Analytical, Laboratory & Industrial Balances	>220 to 500 g	0.15 mg	Internal procedure :GTS-ENWP-01	P/S
	Analytical, Laboratory & Industrial Balances	>0.5 to 1.2 kg	0.18 mg	Internal procedure :GTS-ENWP-01	P/S
	Analytical, Laboratory & Industrial Balances	>1.2 to 5 kg	3 mg	Internal procedure :GTS-ENWP-01	P/S
	Analytical, Laboratory & Industrial Balances	>5 to 10 kg	8 mg	Internal procedure :GTS-ENWP-01	P/S
	Analytical, Laboratory & Industrial Balances	>10 to 35 kg	0.04g	Internal procedure :GTS-ENWP-01	P/S
	Analytical, Laboratory & Industrial Balances	>35 to 100 kg	0.14 g	Internal procedure :GTS-ENWP-01	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Analytical, Laboratory & Industrial Balances	>100 to 500 kg	0.25 g	Internal procedure :GTS-ENWP-01	P/S
	Analytical, Laboratory & Industrial Balances	>500 to 1000 kg	8 g	Internal procedure :GTS-ENWP-01	P/S
	Analytical, Laboratory & Industrial Balances	>1000 to 2000 kg	60 g	Internal procedure :GTS-ENWP-01	P/S
	Magnetic yoke	1 to 50 lb (22.7 Kg)	25 g	Internal procedure : GTS-ENWP-148	P/S
	Moisture Analyzer's temperature measurement of heating element (refer to parameter temperature – measure)	1 mg to 10 g	0.082 mg	Internal Procedure :GTS-ENWP-358	P/S
	Moisture Analyzers	(> 10 to 20) g	0.084 mg	Internal Procedure :GTS-ENWP-358	P/S
	Moisture Analyzers	(> 20 to 50) g	0.093 mg	Internal Procedure :GTS-ENWP-358	P/S
	Moisture Analyzers -F1 Class weights plus temperature measurement of heating element (refer to parameter temperature – measure)	(> 50 to 100) g	0.10 mg	Internal Procedure :GTS-ENWP-17	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Moisture Analyzers -F1 Class weights plus temperature measurement of heating element (refer to parameter temperature – measure)	(> 100 to 200) g	0.11 mg	Internal Procedure :GTS-ENWP-17	P/S
	Moisture Analyzers - F1 Class weights plus temperature measurement of heating element (refer to parameter temperature – measure)	(> 200 to 400) g	0.83 mg	Internal Procedure :GTS-ENWP-17	P/S
	Moisture Analyzers -F1 Class weights plus temperature measurement of heating element (refer to parameter temperature – measure)	(> 400 to 500) g	1.0 mg	Internal Procedure :GTS-ENWP-17	P/S
	Platform balances - all types (Plate Truck , Roller Scale , Conveyor scale, Truck scale , Tank scale, Aircraft Scale etc.)	>2000 to 6000 kg	0.18 kg	Internal procedure : GTS-ENWP-327	P/S
	Platform balances - all types (Plate Truck , Roller Scale , Conveyor scale, Truck scale , Tank scale, Aircraft Scale etc.)	>6000 kg to 10000 kg	0.25 kg	Internal procedure : GTS-ENWP-327	P/S
	Platform balances - all types (Plate Truck , Roller Scale , Conveyor scale, Truck scale , Tank scale, Aircraft Scale etc.)	>10 T to 16 T	0.40 kg	Internal procedure : GTS-ENWP-327	P/S
	Platform balances - all types (Plate Truck , Roller Scale , Conveyor scale, Truck scale , Tank scale, Aircraft Scale etc.)	>2 T to 20 T	8.1 kg	Internal procedure : GTS-ENWP-327	P/S
	Aircraft Scales/Truck Scales	>20 T to 40 T	10 kg	Internal procedure : GTS-ENWP-327	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Aircraft Scales/Truck Scales	0 to 60000 lbs	0.0004	Internal procedure : GTS-ENWP-327	P/S
	Aircraft Scales/Truck Scales	> 60000 lbs to 80000 lbs	0.0005	Internal procedure : GTS-ENWP-327	P/S
	Calibration concrete and asphalt batching plants (Hopper Scale) and tank scale	0 to 1000 kg	0.0002	Internal procedure : GTS-ENWP-04 & GTS-ENWP-05	P/S
	Calibration concrete and asphalt batching plants (Hopper Scale) and tank scale	>1000 to 5000 kg	0.0002	Internal procedure : GTS-ENWP-04 & GTS-ENWP-05	P/S
	Calibration concrete and asphalt batching plants (Hopper Scale) and tank scale	>5000 to 10000 kg	0.0003	Internal procedure : GTS-ENWP-04 & GTS-ENWP-05	P/S
	Calibration concrete and asphalt batching plants (Hopper Scale)	>10000 kg to 20000 kg	0.0004	Internal procedure : GTS-ENWP-04 & GTS-ENWP-05	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Crane scale	0 to 30T	0.0009	Internal procedure : GTS-ENWP-04 & GTS-ENWP-05	P/S
	Crane scale	Above 30 to 100 T	0.003	Internal procedure : GTS-ENWP-04 & GTS-ENWP-05	P/S
	Pipette - Fixed and Variable Volume Pipette/ Single and Multi channel / All types Type A and Type D	0.5 µl to 50 µl	0.10 µl	Internal procedure : GTS-ENWP-61A	P/S
	Pipette - Fixed and Variable Volume Pipette/ Single and Multi channel / All types Type A and Type D	>50 µl to 100 µl	0.17 µl	Internal procedure : GTS-ENWP-61A	P/S
	Pipette - Fixed and Variable Volume Pipette/ Single and Multi channel / All types Type A and Type D	>100 µl to 500 µl	0.41 µl	Internal procedure : GTS-ENWP-61A	P/S
	Pipette - Fixed and Variable Volume Pipette/ Single and Multi channel / All types Type A and Type D	>500 µl to 1000 µl	0.7 µl	Internal procedure : GTS-ENWP-61A	P/S
	Pipette - Fixed and Variable Volume Pipette/ Single and Multi channel / All types Type A and Type D	>1000 µl to 2000 µl	1.3 µl	Internal procedure : GTS-ENWP-61A	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Pipette - Fixed and Variable Volume Pipette/ Single and Multi channel / All types Type A and Type D	>2000 µl to 5000 µl	4.1 µl	Internal procedure : GTS- ENWP-61A	P/S
	Pipette - Fixed and Variable Volume Pipette/ Single and Multi channel / All types Type A and Type D	>5000 µl to 10000 µl	11 µl	Internal procedure : GTS- ENWP-61A	P/S
	Beaker	10.0 ml to 5000 ml	0.001	Internal procedure :GTS- ENWP-61	P/S
	Graduated cylinder	5 ml to 100 ml	0.0005	Internal procedure : GTS- ENWP-61	P/S
	Graduated cylinder	>100 ml to 5000 ml	0.0002	Internal procedure : GTS- ENWP-61	P/S
	Volumetric Measuring Flask	> 5 ml to 100 ml	0.0008	Internal procedure : GTS- ENWP-61	P/S
	Volumetric Measuring Flask	> 100 ml to 5000 ml	0.0004		P/S
	Specific Gravity Bottle/Specific Gravity Cup - Pyknometer	5 ml to 100 ml	0.0003	Internal procedure : GTS- ENWP-60	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Volume Jar & Prover Tanks	>5 L to 20 L	0.0002	Internal procedure : GTS-ENWP-61B	P/S
	Burette/Dispenser /Fuel Dipenser	1ml to 220 ml/ 220 ml to 30 liter	0.0007	Internal procedure : GTS-ENWP-237	P/S
	Plastic Volumetric Devices(Beaker / Jar /Cylinder/ cup /tank)	1ml to 220 ml/ 220 ml to 30 liter	0.002	Internal procedure : GTS-ENWP-238	P/S
	Volumetric Apparatus- One mark / Graduated (Pipette, Cylinder ,beaker ,Flask,can, Container/ Specific Gravity bottle / Density container)	20 ml	0.0008	Internal procedure : GTS-ENWP-31	P/S
	Volumetric Apparatus- One mark / Graduated (Pipette, Cylinder ,beaker ,Flask,can, Container/ Specific Gravity bottle / Density container)	50 ml	0.0008	Internal procedure : GTS-ENWP-31	P/S
	Volumetric Apparatus- One mark / Graduated (Pipette, Cylinder ,beaker ,Flask,can, Container/ Specific Gravity bottle / Density container)	100 ml	0.0008	Internal procedure : GTS-ENWP-31	P/S
	Volumetric Apparatus- One mark / Graduated (Pipette, Cylinder ,beaker ,Flask,can, Container/ Specific Gravity bottle / Density container)	200 ml - 5000 ml	0.0004	Internal procedure : GTS-ENWP-31	P/S
	pH – Measuring Equipment	4 pH	0.02 pH	Internal Procedure :GTS-ENWP-87	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	pH – Measuring Equipment	7 pH	0.02 pH	Internal Procedure :GTS-ENWP-87	P/S
	pH – Measuring Equipment	10 pH	0.02 pH	Internal Procedure :GTS-ENWP-87	P/S
	Conductivity – Measuring Equipment	(5 to 30) μ S	0.013	Internal Procedure :GTS-ENWP-87-1	P/S
	Conductivity – Measuring Equipment	(>30 to 84) μ S	0.011	Internal Procedure :GTS-ENWP-87-1	P/S
	Conductivity – Measuring Equipment	(>84 to 300) μ S	0.007	Internal Procedure :GTS-ENWP-87-1	P/S
	Conductivity – Measuring Equipment	(>300 to 1413) μ S	0.003	Internal Procedure :GTS-ENWP-87-1	P/S
	Conductivity – Measuring Equipment	5 μ S/cm to 500 mS/cm	0.007	Internal Procedure :GTS-ENWP-87-1	P/S
	pH Electrical Simulation	(0 to 14) pH	0.0009 pH	Internal Procedure :GTS-ENWP-87	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Turbidimeters	(< 0.1 to 1) NTU	0.083 NTU	Internal Procedure :GTS-ENWP-87-1	P/S
	Turbidimeters	(1 to 20) NTU	0.52 NTU	Internal Procedure :GTS-ENWP-87-1	P/S
	Turbidimeters	(21 to 200) NTU	0.91 NTU	Internal Procedure :GTS-ENWP-87-1	P/S
	Turbidimeters	(201 to 1000) NTU	3 NTU	Internal Procedure :GTS-ENWP-87-1	P/S
	Turbidimeters	(1001 to 4000) NTU	17 NTU	Internal Procedure :GTS-ENWP-87-1	P/S
	ORP meter	470 mV	0.005	Internal Procedure :GTS-ENWP-87-1	P/S
	Dissolved Oxygen Meter	0 % DO	0.13 % DO	Internal Procedure :GTS-ENWP-87-1	P/S
	Dissolved Oxygen Meter	100 % DO	0.67 % DO	Internal Procedure :GTS-ENWP-87-1	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	TDS meter	1000 mg/l to 1382 mg/l	0.005	Internal Procedure :GTS-ENWP-87-1	P/S
	Durometers – Types A, B, C, D, E, O & DO Indirect verification using Hardness blocks	0-100 shore	1.7 shore	Internal procedure : GTS-ENWP-91	P/S
	Durometers – Types A, B, C, D, E, O & DO Indirect verification using Hardness blocks	Durometer's Indenter Extension Length	3.2 µm	Internal procedure : GTS-ENWP-91	P/S
	Durometers – Types A, B, C, D, E, O & DO Indirect verification using Hardness blocks	Durometer's Cone Angle	1 arc min	Internal procedure : GTS-ENWP-91	P/S
	Durometers – Types A, B, C, D, E, O & DO Indirect verification using Hardness blocks	Tip Radius	3.2 µm	Internal procedure : GTS-ENWP-91	P/S
	Durometers – Types A, B, C, D, E, O & DO Indirect verification using Hardness blocks	Indenter thickness	3.2 µm	Internal procedure : GTS-ENWP-91	P/S
	Indirect Verification of Brinell Hardness Testers at Test Condition(s) – (3000, 1500, 500) kg	(91 to 109) HBW / (10 mm/500 kg)	1.9 HBW	Internal procedure : GTS-ENWP-91	P/S
	Indirect Verification of Brinell Hardness Testers at Test Condition(s) – (3000, 1500, 500) kg	(100 to 200) HBW / (10 mm/1500 kg)	1.5 HBW	Internal procedure : GTS-ENWP-91	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Indirect Verification of Brinell Hardness Testers at Test Condition(s) – (3000, 1500, 500) kg	(201 to 345) HBW / (10 mm/1500 kg)	4.1 HBW	Internal procedure : GTS-ENWP-91	P/S
	Indirect Verification of Brinell Hardness Testers at Test Condition(s) – (3000, 1500, 500) kg	(100 to 199) HBW / (10 mm/3000 kg)	2 HBW	Internal procedure : GTS-ENWP-91	P/S
	Indirect Verification of Brinell Hardness Testers at Test Condition(s) – (3000, 1500, 500) kg	(200 to 499) HBW / (10 mm/3000 kg)	3.8 HBW	Internal procedure : GTS-ENWP-91	P/S
	Indirect Verification of Brinell Hardness Testers at Test Condition(s) – (3000, 1500, 500) kg	(500 to 650) HBW / (10 mm/3000 kg)	5.3 HBW	Internal procedure : GTS-ENWP-91	P/S
	Indirect Verification of Leeb Hardness Testers - HLD	545 HLD	0.0025	Internal procedure : GTS-ENWP-91	P/S
	Indirect Verification of Leeb Hardness Testers - HLD	784 HLD	0.0016	Internal procedure : GTS-ENWP-91	P/S
	Indirect Verification of Vickers Hardness Testing Machines	(100 to 240) HV	4.2 HV	Internal procedure : GTS-ENWP-91	P/S
	Indirect Verification of Vickers Hardness Testing Machines	(241 to 650) HV	11 HV	Internal procedure : GTS-ENWP-91	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Indirect Verification of Vickers Hardness Testing Machines	(650 to 900) HV	39 HV	Internal procedure : GTS-ENWP-91	P/S
	Indirect Verification of Rockwell Hardness & Rockwell Superficial Hardness Testers - HRA	Low	0.80 HRA	Internal procedure : GTS-ENWP-91	P/S
	Indirect Verification of Rockwell Hardness & Rockwell Superficial Hardness Testers - HRA	Med	0.82 HRA	Internal procedure : GTS-ENWP-91	P/S
	Indirect Verification of Rockwell Hardness & Rockwell Superficial Hardness Testers - HRA	High	0.83 HRA	Internal procedure : GTS-ENWP-91	P/S
	Indirect Verification of Rockwell Hardness & Rockwell Superficial Hardness Testers-HRBW	Low	1.4 HRBW	Internal procedure : GTS-ENWP-91	P/S
	Indirect Verification of Rockwell Hardness & Rockwell Superficial Hardness Testers-HRBW	Med	1.4 HRBW	Internal procedure : GTS-ENWP-91	P/S
	Indirect Verification of Rockwell Hardness & Rockwell Superficial Hardness Testers-HRBW	High	1.3 HRBW	Internal procedure : GTS-ENWP-91	P/S
	Indirect Verification of Rockwell Hardness & Rockwell Superficial Hardness Testers-HRC	Low	0.60 HRC	Internal procedure : GTS-ENWP-91	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Indirect Verification of Rockwell Hardness & Rockwell Superficial Hardness Testers-HRC	Mid	0.56 HRC.	Internal procedure : GTS-ENWP-91	P/S
	Indirect Verification of Rockwell Hardness & Rockwell Superficial Hardness Testers-HRC	High	0.51 HRC	Internal procedure : GTS-ENWP-91	P/S
	Rebound Hammer -All types (in Rebound number)	10 to 80	0.013	Internal Procedure :GTS-ENWP-91	P/S
	AC Voltage -source - Fluke 5320A 40 Hz to 400 Hz U = Measured voltage value	3.001 V to 29.999 V	$7.7 \times 10^{-6} U + 7.0 \text{ mV}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage -source - Fluke 5320A 40 Hz to 400 Hz U = Measured voltage value	30.000 V to 99.99 V	$9.1 \times 10^{-6} U + 23.0 \text{ mV}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage -source - Fluke 5320A 40 Hz to 400 Hz U = Measured voltage value	100.0 V to 299.9 V	$9.3 \times 10^{-6} U + 70.2 \text{ mV}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage -source - Fluke 5320A 40 Hz to 400 Hz U = Measured voltage value	300.0 V to 600 V	$1.0 \times 10^{-5} U + 0.14 \text{ V}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage -Measure- Fluke 5320A -50 Hz to 400 Hz U = Measured voltage value	00.0 V to 10 V	$0.6 \times 10^{-3} U + 1 \text{ mV}$	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.O Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Voltage -Measure - Fluke 5320A -50 Hz to 400 Hz U = Measured voltage value	10 V to 1100 V	$0.5 \times 10^{-3} U + 10 \text{ mV}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	1.0 mV to 32.999 mV (10 Hz to 45 Hz)	$0.62 \times 10^{-3} U + 4.8 \text{ } \mu\text{V}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	1.0 mV to 32.999 mV (> 45 Hz to 10 kHz)	$0.13 \times 10^{-3} U + 4.8 \text{ } \mu\text{V}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	1.0 mV to 32.999 mV (>10 kHz to 20 kHz)	$0.17 \times 10^{-3} U + 4.8 \text{ } \mu\text{V}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	1.0 mV to 32.999 mV (>20 kHz to 50 kHz)	$0.78 \times 10^{-3} U + 4.8 \text{ } \mu\text{V}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	1.0 mV to 32.999 mV (>50 kHz to 100 kHz)	$2.7 \times 10^{-3} U + 9.4 \text{ } \mu\text{V}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	1.0 mV to 32.999 mV (>100 kHz to 500 kHz)	$6.3 \times 10^{-3} U + 39 \text{ } \mu\text{V}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	33 mV to 329.999 mV (10 Hz to 45 Hz)	$0.24 \times 10^{-3} U + 6.1 \text{ } \mu\text{V}$	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.O Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Voltage - Fluke 5522A U = Measured voltage value	33 mV to 329.999 mV (>45 Hz to 10 kHz)	$0.13 \times 10^{-3} U + 6.0 \mu V$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	33 mV to 329.999 mV (>10 kHz to 20 kHz)	$0.14 \times 10^{-3} U + 6.0 \mu V$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	33 mV to 329.999 mV (>20 kHz to 50 kHz)	$0.28 \times 10^{-3} U + 6.0 \mu V$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	33 mV to 329.999 mV (>50 kHz to 100 kHz)	$0.63 \times 10^{-3} U + 25 \mu V$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	33 mV to 329.999 mV (>100 kHz to 500 kHz)	$1.7 \times 10^{-3} U + 53 \mu V$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	0.33 V to 3.29999 V (10 Hz to 45 Hz)	$0.48 \times 10^{-3} U + 80 \mu V$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	0.33 V to 3.29999 V (>45 Hz to 10 kHz)	$0.13 \times 10^{-3} U + 45 \mu V$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	0.33 V to 3.29999 V (>10 kHz to 20 kHz)	$0.16 \times 10^{-3} U + 45 \mu V$	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.O Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Voltage - Fluke 5522A U = Measured voltage value	0.33 V to 3.29999 V (>20 kHz to 50 kHz)	$0.24 \times 10^{-3} U + 38 \mu V$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	0.33 V to 3.29999 V (>50 kHz to 100 kHz)	$0.55 \times 10^{-3} U + 97 \mu V$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	0.33 V to 3.29999 V (>100 kHz to 500 kHz)	$1.9 \times 10^{-3} U + 0.46 mV$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	3.3 V to 32.9999 V (10 Hz to 45 Hz)	$0.48 \times 10^{-3} U + 1.0 mV$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	3.3 V to 32.9999 V (> 45 Hz to 10 kHz)	$0.13 \times 10^{-3} U + 0.45 mV$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	3.3 V to 32.9999 V (>10 kHz to 20 kHz)	$0.20 \times 10^{-3} U + 0.46 mV$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	3.3 V to 32.9999 V (>20 kHz to 50 kHz)	$0.28 \times 10^{-3} U + 0.46 mV$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	3.3 V to 32.9999 V (>50 kHz to 100 kHz)	$0.71 \times 10^{-3} U + 1.2 mV$	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.O Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Voltage - Fluke 5522A U = Measured voltage value	33 V to 329.9999 V (45 Hz to 1 kHz)	$0.16 \times 10^{-3} U + 1.6 \text{ mV}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	33 V to 329.9999 V (>1 kHz to 10 kHz)	$0.17 \times 10^{-3} U + 4.5 \text{ mV}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	33 V to 329.9999 V (>10 kHz to 20 kHz)	$0.21 \times 10^{-3} U + 4.6 \text{ mV}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	33 V to 329.9999 V (>20 kHz to 50 kHz)	$0.26 \times 10^{-3} U + 4.4 \text{ mV}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	33 V to 329.9999 V (>50 kHz to 100 kHz)	$1.6 \times 10^{-3} U + 39 \text{ mV}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	330 V to 1020 V (45 Hz to 1 kHz)	$0.24 \times 10^{-3} U + 8.5 \text{ mV}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	330 V to 1020 V (>1 kHz to 5 kHz)	$0.21 \times 10^{-3} U + 8.5 \text{ mV}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5522A U = Measured voltage value	330 V to 1020 V (>5 kHz to 10 kHz)	$0.26 \times 10^{-3} U + 8.0 \text{ mV}$	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	DC Voltage - Fluke 5320A U = Measured Voltage value	003.001 V to 029.999 V	$7.67 \times 10^{-6} U + 7.1 \text{ mV}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Voltage - Fluke 5320A U = Measured Voltage value	030.00 V to 149.9 V	$8.36 \times 10^{-6} U + 35.2 \text{ mV}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Voltage - Fluke 5320A U = Measured Voltage value	150 V to 600 V	$8.7 \times 10^{-6} U + 0.14 \text{ V}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Voltage -Fluke 5320A Insulation Test Voltage Measurement U = Measured Voltage value Below 1 MΩ	0 to 2000 V	$1 \times 10^{-2} U + 1 \text{ V}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Voltage -Fluke 5320A Insulation Test Voltage Measurement U = Measured Voltage value Above 1 MΩ	0 to 2000 V	$0.8 \times 10^{-2} U + 1 \text{ V}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Voltage - Fluke 5522A U = Measured Voltage value	0 V to 329.9999 mV	$56 \times 10^{-6} U + 2 \mu\text{V}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Voltage - Fluke 5522A U = Measured Voltage value	0.33 V to 3.299999 V	$58 \times 10^{-6} U + 0.3 \mu\text{V}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Voltage - Fluke 5522A U = Measured Voltage value	3.3 V to 32.99999 V	$59 \times 10^{-6} U + 3.5 \mu\text{V}$	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	DC Voltage - Fluke 5522A U = Measured Voltage value	33 V to 329.9999 V	60 x10 ⁻⁶ U +0.035 mV	Internal Procedure :GTS-ENWP-142	P/S
	DC Voltage - Fluke 5522A U = Measured Voltage value	330 to 1020.000 V	60 x 10 ⁻⁶ U +0.36 mV	Internal Procedure :GTS-ENWP-142	P/S
	DC Current- Fluke 5522A I = Measured Current value	0 µA to 329.999 µA	0.12 x 10 ⁻³ I +0.011 µA	Internal Procedure :GTS-ENWP-142	P/S
	DC Current- Fluke 5522A I = Measured Current value	0.33 mA to 3.29999 mA	0.08 x 10 ⁻³ I+ 0.04 µA	Internal Procedure :GTS-ENWP-142	P/S
	DC Current- Fluke 5522A I = Measured Current value	3.3 mA to 32.99999 mA	0.08 x 10 ⁻³ I+ 0.21 µA	Internal Procedure :GTS-ENWP-142	P/S
	DC Current- Fluke 5522A I = Measured Current value	33 mA to 329.999 mA	0.16 x 10 ⁻³ I+ 4.2 µA	Internal Procedure :GTS-ENWP-142	P/S
	DC Current- Fluke 5522A I = Measured Current value	0.33 A to 1.09999 A	0.16 x 10 ⁻³ I+ 0.031 mA	Internal Procedure :GTS-ENWP-142	P/S
	DC Current- Fluke 5522A I = Measured Current value	1.1 A to 2.99999 A	0.30 x 10 ⁻³ I+ 0.031 mA	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	DC Current- Fluke 5522A I = Measured Current value	3 A to 10.9999 A	$0.41 \times 10^{-3} I + 0.38 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Current- Fluke 5522A I = Measured Current value	11 A to 20.5 A	$0.85 \times 10^{-3} I + 0.54 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Current using Fluke 5522A using 50 turn current coil I = Measured Current value	0.2 A to 0.33 A	$4.0 \times 10^{-3} I + 16 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Current using Fluke 5522A using 50 turn current coil I = Measured Current value	>0.33 A to 2.9999 A	$4.0 \times 10^{-3} I + 0.11 \text{ A}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Current using Fluke 5522A using 50 turn current coil I = Measured Current value	3 A to 20.5 A	$4.0 \times 10^{-3} I + 0.39 \text{ A}$	Internal Procedure :GTS-ENWP-142	P/S
	Leakage Current - DC Fluke 5320A I = Measured Current value	Up to 300 μA	$5 \times 10^{-3} I + 0.54 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	Leakage Current - DC Fluke 5320A I = Measured Current value	> 300 μA to 30 mA	$3 \times 10^{-3} I + 0.021 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	29 μA to 329.99 μA (10 Hz to 20 Hz)	$1.6 \times 10^{-3} I + 0.10 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Current -Fluke 5522A-Source I = Measured Current value	29 μ A to 329.99 μ A (>20 Hz to 45 Hz)	$1.2 \times 10^{-3} I + 0.10 \mu$ A	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	29 μ A to 329.99 μ A (>45 Hz to 1 kHz)	$0.97 \times 10^{-3} I + 0.10 \mu$ A	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	29 μ A to 329.99 μ A (>1 kHz to 5 kHz)	$2.3 \times 10^{-3} I + 0.12 \mu$ A	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	29 μ A to 329.99 μ A (>5 kHz to 10 kHz)	$6.2 \times 10^{-3} I + 0.16 \mu$ A	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	29 μ A to 329.99 μ A (>10 kHz to 30 kHz)	$12 \times 10^{-3} I + 0.31 \mu$ A	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	0.33 mA to 3.29999 mA (10 Hz to 20 Hz)	$1.6 \times 10^{-3} I + 0.12 \mu$ A	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	0.33 mA to 3.29999 mA (>20 Hz to 45 Hz)	$0.97 \times 10^{-3} I + 0.12 \mu$ A	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	0.33 mA to 3.29999 mA (>45 Hz to 1 kHz)	$0.78 \times 10^{-3} I + 0.12 \mu$ A	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Current -Fluke 5522A-Source I = Measured Current value	0.33 mA to 3.29999 mA (>1 kHz to 5 kHz)	$1.55 \times 10^{-3} \text{ I} + 0.16 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	0.33 mA to 3.29999 mA (>5 kHz to 10 kHz)	$3.9 \times 10^{-3} \text{ I} + 0.23 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	0.33 mA to 3.29999 mA (>10 kHz to 30 kHz)	$7.8 \times 10^{-3} \text{ I} + 0.46 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	3.3 mA to 32.9999 mA (10 Hz to 20 Hz)	$1.4 \times 10^{-3} \text{ I} + 1.6 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	3.3 mA to 32.9999 mA (>20 Hz to 45 Hz)	$0.71 \times 10^{-3} \text{ I} + 1.5 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	3.3 mA to 32.9999 mA (>45 Hz to 1 kHz)	$0.35 \times 10^{-3} \text{ I} + 1.5 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	3.3 mA to 32.9999 mA (>1 kHz to 5 kHz)	$0.69 \times 10^{-3} \text{ I} + 1.5 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	3.3 mA to 32.9999 mA (>5 kHz to 10 kHz)	$1.6 \times 10^{-3} \text{ I} + 1.5 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Current -Fluke 5522A-Source I = Measured Current value	3.3 mA to 32.9999 mA (>10 kHz to 30 kHz)	$3.1 \times 10^{-3} \text{ I} + 1.5 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	33 mA to 329.999 mA (10 Hz to 20 Hz)	$1.4 \times 10^{-3} \text{ I} + 16 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	33 mA to 329.999 mA (>20 Hz to 45 Hz)	$0.70 \times 10^{-3} \text{ I} + 16 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	33 mA to 329.999 mA (>45 Hz to 1 kHz)	$0.32 \times 10^{-3} \text{ I} + 15 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	33 mA to 329.999 mA (>1 kHz to 5 kHz)	$0.78 \times 10^{-3} \text{ I} + 39 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	33 mA to 329.999 mA (>5 kHz to 10 kHz)	$1.6 \times 10^{-3} \text{ I} + 78 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	33 mA to 329.999 mA (>10 kHz to 30 kHz)	$3.1 \times 10^{-3} \text{ I} + 0.16 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	0.33 A to 1.09999 A (10 Hz to 45 Hz)	$1.4 \times 10^{-3} \text{ I} + 76 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Current -Fluke 5522A-Source I = Measured Current value	0.33 A to 1.09999 A (>45 Hz to 1 kHz)	$0.41 \times 10^{-3} \text{ I} + 76 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	0.33 A to 1.09999 A (>1 kHz to 5 kHz)	$4.7 \times 10^{-3} \text{ I} + 0.77 \text{mA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	0.33 A to 1.09999 A (>5 kHz to 10 kHz)	$19 \times 10^{-3} \text{ I} + 3.9 \text{mA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	1.11 A to 2.99999 A (10 Hz to 45 Hz)	$1.4 \times 10^{-3} \text{ I} + 77 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	1.11 A to 2.99999 A (> 45 Hz to 1 kHz)	$0.48 \times 10^{-3} \text{ I} + 76 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	1.11 A to 2.99999 A (>1 kHz to 5 kHz)	$4.7 \times 10^{-3} \text{ I} + 0.77 \text{mA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	1.11 A to 2.99999 A (>5 kHz to 10 kHz)	$19 \times 10^{-3} \text{ I} + 3.9 \text{mA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	3 A to 10.9999 A (45 Hz to 100 Hz)	$0.48 \times 10^{-3} \text{ I} + 1.5 \text{mA}$	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Current -Fluke 5522A-Source I = Measured Current value	3 A to 10.9999 A (>100 Hz to 1 kHz)	$0.79 \times 10^{-3} I + 1.5 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	3 A to 10.9999 A (>1 kHz to 5 kHz)	$23 \times 10^{-3} I + 1.6 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	11 A to 20.5 A (45 Hz to 100 Hz)	$0.95 \times 10^{-3} I + 3.8 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	11 A to 20.5 A (>100 Hz to 1 kHz)	$1.2 \times 10^{-3} I + 3.8 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Fluke 5522A-Source I = Measured Current value	11 A to 20.5 A (>1 kHz to 5 kHz)	$23 \times 10^{-3} I + 3.9 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current-Fluke 5522A- Using 50 turn current coil (0.2 A to 0.33 A) I = Measured Current value	10 to 16.4999 A (45 Hz to 65 Hz)	$3.3 \times 10^{-3} I + 1.6 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current-Fluke 5522A- Using 50 turn current coil (> 0.33 A to 2.9999 A) I = Measured Current value	16.5 to 149.999 A (45 Hz to 65 Hz)	$3.3 \times 10^{-3} I + 1.5 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current-Fluke 5522A- Using 50 turn current coil (> 3.0 A to 20.5 A) I = Measured Current value	150 to 1025 A (45 Hz to 65 Hz)	$3.4 \times 10^{-3} I + 47 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Current-Fluke 5522A- Using 50 turn current coil (0.2 A to 0.33 A) I = Measured Current value	10 to 16.4999 A (65 Hz to 440 Hz)	$6.6 \times 10^{-3} I + 2.2 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current-Fluke 5522A- Using 50 turn current coil (> 0.33 A to 2.9999 A) I = Measured Current value	16.5 to 149.999 A (65 Hz to 440 Hz)	$6.6 \times 10^{-3} I + 20 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current-Fluke 5522A- Using 50 turn current coil (> 3.0 A to 20.5 A) I = Measured Current value	150 to 1025 A (65 Hz to 440 Hz)	$6.7 \times 10^{-3} I + 72 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	Leakage current Source-Passive , Substitution (or) Differential measurement Method using Fluke 5320A I = Measured current value	0.1 mA to 3 mA	$5 \times 10^{-3} I + 0.24 \mu\text{A}$	Internal Procedure :GTS-ENWP-226	P/S
	Leakage current Source -Passive , Substitution (or) Differential measurement Method using Fluke 5320A I = Measured current value	>3mA to 30mA	$3 \times 10^{-3} I + 0.002 \text{ mA}$	Internal Procedure :GTS-ENWP-226	P/S
	RCD Trip Current I = Measured current value	30 mA to 3 A	$2 \times 10^{-3} I + 51 \mu\text{A}$	Internal Procedure :GTS-ENWP-226	P/S
	RCD Trip Time T= Measured time value	50 ms to 500ms	$1.1 \times 10^{-3} T + 0.04 \text{ ms}$	Internal Procedure :GTS-ENWP-226	P/S
	RCD Trip Time T= Measured time value	>500 ms to 5s	$0.013 \times 10^{-3} T + 0.11 \text{ ms}$	Internal Procedure :GTS-ENWP-226	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Low Resistance Source (Four wire) - Fluke 5320A R= Measured Resistance value	100 mΩ to 200 mΩ	$1.1 \times 10^{-2} R + 0.1 \text{ m}\Omega$	Internal Procedure :GTS-ENWP-226	P/S
	Low Resistance Source (Four wire) - Fluke 5320A R= Measured Resistance value	>200 mΩ to 400 mΩ	$8 \times 10^{-3} R + 0.3 \text{ m}\Omega$	Internal Procedure :GTS-ENWP-226	P/S
	Low Resistance Source (Four wire) - Fluke 5320A R= Measured Resistance value	>400 mΩ to 800 mΩ	$8 \times 10^{-3} R + 0.2 \text{ m}\Omega$	Internal Procedure :GTS-ENWP-226	P/S
	Low Resistance Source (Four wire) - Fluke 5320A R= Measured Resistance value	>800 mΩ to 2 Ω	$4 \times 10^{-3} R + 0.7 \text{ m}\Omega$	Internal Procedure :GTS-ENWP-226	P/S
	Low Resistance Source (Four wire) - Fluke 5320A R= Measured Resistance value	>2 Ω to 800 Ω	$1 \times 10^{-3} R + 0.2 \Omega$	Internal Procedure :GTS-ENWP-226	P/S
	Low Resistance Source (Four wire) - Fluke 5320A R= Measured Resistance value	>800 Ω to 10 kΩ	$1 \times 10^{-3} R + 1 \Omega$	Internal Procedure :GTS-ENWP-226	P/S
	High Resistance Source-Fluke 5320A R = Measured Resistance value	0.1 Ω to 5.00 Ω	$1.1 \times 10^{-6} R + 7.9 \text{ m}\Omega$	Internal Procedure :GTS-ENWP-226	P/S
	High Resistance Source-Fluke 5320A R = Measured Resistance value	5.00 Ω to 29.9 Ω	$4.15 \times 10^{-6} R + 14 \text{ m}\Omega$	Internal Procedure :GTS-ENWP-226	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	High Resistance Source-Fluke 5320A R = Measured Resistance value	30 Ω to 199.9 Ω	$3.31 \times 10^{-6} R + 0.12 \Omega$	Internal Procedure :GTS- ENWP-226	P/S
	High Resistance Source-Fluke 5320A R = Measured Resistance value	200 Ω to 499 Ω	$1.01 \times 10^{-6} R + 1.2 \Omega$	Internal Procedure :GTS- ENWP-226	P/S
	High Resistance Source-Fluke 5320A R = Measured Resistance value	500 Ω to 1.999 k Ω	$3.6 \times 10^{-6} R + 1.2 \Omega$	Internal Procedure :GTS- ENWP-226	P/S
	High Resistance Source-Fluke 5320A R = Measured Resistance value	2.00 k Ω to 4.99 k Ω	$1.01 \times 10^{-6} R + 11.6 \Omega$	Internal Procedure :GTS- ENWP-226	P/S
	High Resistance Source-Fluke 5320A R = Measured Resistance value	5.00 k Ω to 10.00 k Ω	$2.17 \times 10^{-6} R + 12 \Omega$	Internal Procedure :GTS- ENWP-226	P/S
	High Resistance Source-Fluke 5320A R = Measured Resistance value	10.000 k Ω to 39.99 k Ω	$4.31 \times 10^{-5} R + 0.9 \Omega$	Internal Procedure :GTS- ENWP-226	P/S
	High Resistance Source-Fluke 5320A R = Measured Resistance value	40.00 k Ω to 99.99 k Ω	$1.89 \times 10^{-5} R + 11 \Omega$	Internal Procedure :GTS- ENWP-226	P/S
	High Resistance Source-Fluke 5320A R = Measured Resistance value	100.00 k Ω to 199.99 k Ω	$3.42 \times 10^{-5} R + 9.5 \Omega$	Internal Procedure :GTS- ENWP-226	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	High Resistance Source-Fluke 5320A R = Measured Resistance value	200.0 kΩ to 999.9 kΩ	$1.63 \times 10^{-5} R + 0.12 \text{ k}\Omega$	Internal Procedure :GTS-ENWP-226	P/S
	High Resistance Source-Fluke 5320A R = Measured Resistance value	1.0000 MΩ to 9.999 MΩ	$5.11 \times 10^{-5} R + 0.078 \text{ k}\Omega$	Internal Procedure :GTS-ENWP-226	P/S
	High Resistance Source-Fluke 5320A R = Measured Resistance value	10.000 MΩ to 999.9 MΩ	$5.71 \times 10^{-5} R + 0.73 \text{ k}\Omega$	Internal Procedure :GTS-ENWP-226	P/S
	High Resistance Source-Fluke 5320A R = Measured Resistance value	1.0000 GΩ to 10.000 GΩ	$5.11 \times 10^{-5} R + 0.078 \text{ M}\Omega$	Internal Procedure :GTS-ENWP-226	P/S
	High Resistance Source-Fluke 5320A R = Measured Resistance value	100 GΩ	$4.9 \times 10^{-3} R + 0.01 \text{ G}\Omega$	Internal Procedure :GTS-ENWP-226	P/S
	High Resistance Source-Fluke 5320A (x1000 multiplier) R = Measured Resistance value	350.0 MΩ to 99.99 GΩ	$4.9 \times 10^{-3} R + 0.28 \text{ G}\Omega$	Internal Procedure :GTS-ENWP-226	P/S
	High Resistance Source-Fluke 5320A (x1000 multiplier) R = Measured Resistance value	100.00 GΩ to 999.9 GΩ	$4.9 \times 10^{-3} R + 0.28 \text{ G}\Omega$	Internal Procedure :GTS-ENWP-226	P/S
	High Resistance Source-Fluke 5320A (x1000 multiplier) R = Measured Resistance value	1.0000 TΩ to 10.000 TΩ	$5.0 \times 10^{-3} R + 0.003 \text{ T}\Omega$	Internal Procedure :GTS-ENWP-226	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Ground Bond Resistance Decade - Fluke 5320A R = Measured Resistance value	25 mΩ	36x 10 ⁻³ R	Internal Procedure :GTS-ENWP-226	P/S
	Ground Bond Resistance Decade - Fluke 5320A R = Measured Resistance value	50 mΩ	37x 10 ⁻³ R	Internal Procedure :GTS-ENWP-226	P/S
	Ground Bond Resistance Decade - Fluke 5320A R = Measured Resistance value	100 mΩ	18 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-226	P/S
	Ground Bond Resistance Decade - Fluke 5320A R = Measured Resistance value	330 mΩ	9.5 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-226	P/S
	Ground Bond Resistance Decade - Fluke 5320A R = Measured Resistance value	500 mΩ	6.1 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-226	P/S
	Ground Bond Resistance Decade - Fluke 5320A R = Measured Resistance value	1 Ω	3.2 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-226	P/S
	Ground Bond Resistance Decade - Fluke 5320A R = Measured Resistance value	1.8 Ω	3.1 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-226	P/S
	Ground Bond Resistance Decade - Fluke 5320A R = Measured Resistance value	5 Ω	2.1 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-226	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Ground Bond Resistance Decade - Fluke 5320A R = Measured Resistance value	10 Ω - 1.8 k Ω	1.1 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-226	P/S
	Line/Loop Impedance Source f = 50Hz - Fluke 5320A R = Measured Resistance value	25 m Ω	37 x 10 ⁻³ R + 1.8 m Ω	Internal Procedure :GTS-ENWP-226	P/S
	Line/Loop Impedance Source f = 50Hz - Fluke 5320A R = Measured Resistance value	50 m Ω	38 x 10 ⁻³ R + 1.35 m Ω	Internal Procedure :GTS-ENWP-226	P/S
	Line/Loop Impedance Source f = 50Hz - Fluke 5320A R = Measured Resistance value	100 m Ω	18 x 10 ⁻³ R + 1.14 m Ω	Internal Procedure :GTS-ENWP-226	P/S
	Line/Loop Impedance Source f = 50Hz - Fluke 5320A R = Measured Resistance value	330 m Ω	9.5 x 10 ⁻³ R + 1.1 m Ω	Internal Procedure :GTS-ENWP-226	P/S
	Line/Loop Impedance Source f = 50Hz - Fluke 5320A R = Measured Resistance value	500 m Ω	6.1 x 10 ⁻³ R + 0.2 m Ω	Internal Procedure :GTS-ENWP-226	P/S
	Line/Loop Impedance Source f = 50Hz - Fluke 5320A R = Measured Resistance value	1 Ω	3.2 x 10 ⁻³ R + 0.4 m Ω	Internal Procedure :GTS-ENWP-226	P/S
	Line/Loop Impedance Source f = 50Hz - Fluke 5320A R = Measured Resistance value	1.8 Ω	3.1 x 10 ⁻³ R + 0.6 m Ω	Internal Procedure :GTS-ENWP-226	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Line/Loop Impedance Source f = 50Hz - Fluke 5320A R = Measured Resistance value	5 Ω	2.1 x 10 ⁻³ R + 0.1 mΩ	Internal Procedure :GTS-ENWP-226	P/S
	Line/Loop Impedance Source f = 50Hz - Fluke 5320A R = Measured Resistance value	10 Ω	1.1 x 10 ⁻³ R + 2 mΩ	Internal Procedure :GTS-ENWP-226	P/S
	Line/Loop Impedance Source f = 50Hz - Fluke 5320A R = Measured Resistance value	18 Ω	1.1 x 10 ⁻³ R + 3 mΩ	Internal Procedure :GTS-ENWP-226	P/S
	Line/Loop Impedance Source f = 50Hz - Fluke 5320A R = Measured Resistance value	50 Ω	1.1 x 10 ⁻³ R + 10 mΩ	Internal Procedure :GTS-ENWP-226	P/S
	Line/Loop Impedance Source f = 50Hz - Fluke 5320A R = Measured Resistance value	100 Ω	1.1 x 10 ⁻³ R + 11 mΩ	Internal Procedure :GTS-ENWP-226	P/S
	Line/Loop Impedance Source f = 50Hz - Fluke 5320A R = Measured Resistance value	180 Ω	1.1 x 10 ⁻³ R + 10 mΩ	Internal Procedure :GTS-ENWP-226	P/S
	Line/Loop Impedance Source f = 50Hz - Fluke 5320A R = Measured Resistance value	500 Ω	1.1 x 10 ⁻³ R + 0.2 Ω	Internal Procedure :GTS-ENWP-226	P/S
	Line/Loop Impedance Source f = 50Hz - Fluke 5320A R = Measured Resistance value	1 kΩ	1.1 x 10 ⁻³ R + 0.3 Ω	Internal Procedure :GTS-ENWP-226	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Line/Loop Impedance Source f = 50Hz - Fluke 5320A R = Measured Resistance value	1.8 kΩ	$1.1 \times 10^{-3} R + 1.4 \Omega$	Internal Procedure :GTS-ENWP-226	P/S
	RCD Trip current Source -Fluke 5320A I= Measured Current value	3 to 30 m A	$1.1 \times 10^{-3} I + 0.04 \text{ mA}$	Internal Procedure :GTS-ENWP-226	P/S
	RCD Trip current Source -Fluke 5320A I= Measured Current value	30 mA to 300 m A	$1.3 \times 10^{-3} I + 0.1 \text{ mA}$	Internal Procedure :GTS-ENWP-226	P/S
	RCD Trip current Source -Fluke 5320A I= Measured Current value	300mA to 3A	$0.9 \times 10^{-3} I + 2 \text{ mA}$	Internal Procedure :GTS-ENWP-226	P/S
	RCD Trip Time - Fluke 5320A t= Measured time value	10 to 5000 ms	$1 \times 10^{-3} t + 0.1 \text{ ms}$	Internal Procedure :GTS-ENWP-226	P/S
	AC Current – Measure - Series Ammeter standard	(100 to 15000) A @ 60 Hz	2.1 % of rdg	Internal Procedure :GTS-ENWP-142	P/S
	DC Current – Measure - Series Ammeter standard	(100 to 15000) A	2.0 % of rdg	Internal Procedure :GTS-ENWP-142	P/S
	HWDC Current – Measure - Series Ammeter standard	(100 to 15000) A	2.0 % of rdg	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Resistance Source - Fluke 5522A R = Measured Resistance value	0 Ω to 10.9999 Ω	31 x10 ⁻⁶ R +7.8 m Ω	Internal Procedure :GTS- ENWP-142	P/S
	Resistance Source - Fluke 5522A R = Measured Resistance value	11 Ω to 32.9999 Ω	23 x10 ⁻⁶ R +12m Ω	Internal Procedure :GTS- ENWP-142	P/S
	Resistance Source - Fluke 5522A R = Measured Resistance value	33 Ω to 109.9999 Ω	22 x10 ⁻⁶ R +12 m Ω	Internal Procedure :GTS- ENWP-142	P/S
	Resistance Source - Fluke 5522A R = Measured Resistance value	110 Ω to 329.9999 Ω	22 x10 ⁻⁶ R +16 m Ω	Internal Procedure :GTS- ENWP-142	P/S
	Resistance Source - Fluke 5522A R = Measured Resistance value	330 Ω to 1.099999 k Ω	22 x10 ⁻⁶ R +15 m Ω	Internal Procedure :GTS- ENWP-142	P/S
	Resistance Source - Fluke 5522A R = Measured Resistance value	1.1 k Ω to 3.299999 k Ω	22 x10 ⁻⁶ R +0.15 Ω	Internal Procedure :GTS- ENWP-142	P/S
	Resistance Source - Fluke 5522A R = Measured Resistance value	3.3 k Ω to 10.99999 k Ω	22 x10 ⁻⁶ R +0.077 Ω	Internal Procedure :GTS- ENWP-142	P/S
	Resistance Source - Fluke 5522A R = Measured Resistance value	11 k Ω to 32.99999 k Ω	22 x10 ⁻⁶ R +0.77 Ω	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Resistance Source - Fluke 5522A R = Measured Resistance value	33 kΩ to 109.9999 kΩ	22 x10 ⁻⁶ R +0.77 Ω	Internal Procedure :GTS- ENWP-142	P/S
	Resistance Source - Fluke 5522A R = Measured Resistance value	110 kΩ to 329.99999 kΩ	25 x10 ⁻⁶ R +7.7 Ω	Internal Procedure :GTS- ENWP-142	P/S
	Resistance Source - Fluke 5522A R = Measured Resistance value	330 kΩ to 1.099999 MΩ	26 x10 ⁻⁶ R +7.7 Ω	Internal Procedure :GTS- ENWP-142	P/S
	Resistance Source - Fluke 5522A R = Measured Resistance value	1.1 MΩ to 3.299999 MΩ	48 x10 ⁻⁶ R +0.12 kΩ	Internal Procedure :GTS- ENWP-142	P/S
	Resistance Source - Fluke 5522A R = Measured Resistance value	3.3 MΩ to 10.99999 MΩ	0.10 x 10 ⁻³ R +0.19 kΩ	Internal Procedure :GTS- ENWP-142	P/S
	Resistance Source - Fluke 5522A R = Measured Resistance value	11 MΩ to 32.99999 MΩ	0.21 x 10 ⁻³ R +1.9 kΩ	Internal Procedure :GTS- ENWP-142	P/S
	Resistance Source - Fluke 5522A R = Measured Resistance value	33 MΩ to 109.9999 MΩ	0.44 x 10 ⁻³ R +2.1 kΩ	Internal Procedure :GTS- ENWP-142	P/S
	Resistance Source - Fluke 5522A R = Measured Resistance value	110 MΩ to 329.9999 MΩ	2.3 x 10 ⁻³ R +0.077 MΩ	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Resistance Source - Fluke 5522A R = Measured Resistance value	330 MΩ to 1100 MΩ	12 x 10 ⁻³ R +0.39 MΩ	Internal Procedure :GTS-ENWP-142	P/S
	Capacitance Source - Fluke 5522A C = Measured Capacitance value	220 pF to 399.9 pF	8.6 x 10 ⁻³ C +7.2 pF	Internal Procedure :GTS-ENWP-142	P/S
	Capacitance Source - Fluke 5522A C = Measured Capacitance value	0.4 nF to 1.0999 nF	4.5 x 10 ⁻³ C +7.6 pF	Internal Procedure :GTS-ENWP-142	P/S
	Capacitance Source - Fluke 5522A C = Measured Capacitance value	1.1 nF to 3.2999 nF	4.1 x 10 ⁻³ C +7.6 pF	Internal Procedure :GTS-ENWP-142	P/S
	Capacitance Source - Fluke 5522A C = Measured Capacitance value	3.3 nF to 10.9999 nF	2.1 x 10 ⁻³ C +7.6 pF	Internal Procedure :GTS-ENWP-142	P/S
	Capacitance Source - Fluke 5522A C = Measured Capacitance value	11 nF to 32.9999 nF	2.0 x 10 ⁻³ C +77 pF	Internal Procedure :GTS-ENWP-142	P/S
	Capacitance Source - Fluke 5522A C = Measured Capacitance value	33 nF to 109.999 nF	2.1 x 10 ⁻³ C +76 pF	Internal Procedure :GTS-ENWP-142	P/S
	Capacitance Source - Fluke 5522A C = Measured Capacitance value	110 nF to 329.999 nF	2.1 x 10 ⁻³ C +0.23 nF	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Capacitance Source - Fluke 5522A C = Measured Capacitance value	0.33 μ F to 1.09999 μ F	2.1 x 10-3 C +0.76 nF	Internal Procedure :GTS- ENWP-142	P/S
	Capacitance Source - Fluke 5522A C = Measured Capacitance value	1.1 μ F to 3.29999 μ F	2.1 x 10-3 C +2.3 nF	Internal Procedure :GTS- ENWP-142	P/S
	Capacitance Source - Fluke 5522A C = Measured Capacitance value	3.3 μ F to 10.9999 μ F	2.1 x 10-3 C +7.6 nF	Internal Procedure :GTS- ENWP-142	P/S
	Capacitance Source - Fluke 5522A C = Measured Capacitance value	11 μ F to 32.9999 μ F	3.2 x 10-3 C +23 nF	Internal Procedure :GTS- ENWP-142	P/S
	Capacitance Source - Fluke 5522A C = Measured Capacitance value	33 μ F to 109.999 μ F	3.7 x 10-3 C +75 nF	Internal Procedure :GTS- ENWP-142	P/S
	Capacitance Source - Fluke 5522A C = Measured Capacitance value	110 μ F to 329.999 μ F	3.7 x 10-3 C +0.22 μ F	Internal Procedure :GTS- ENWP-142	P/S
	Capacitance Source - Fluke 5522A C = Measured Capacitance value	0.33 mF - 1.09999 mF	5.4 x 10-3 C +0.75 μ F	Internal Procedure :GTS- ENWP-142	P/S
	Capacitance Source - Fluke 5522A C = Measured Capacitance value	1.1 mF to 3.29999 mF	5.4 x 10-3 C +2.2 μ F	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Capacitance Source - Fluke 5522A C = Measured Capacitance value	3.3 mF to 10.9999 mF	5.4 x 10-3 C +7.5 µF	Internal Procedure :GTS-ENWP-142	P/S
	Capacitance Source - Fluke 5522A C = Measured Capacitance value	11 mF to 32.9999 mF	8.8 x 10-3 C +23 µF	Internal Procedure :GTS-ENWP-142	P/S
	Capacitance Source - Fluke 5522A C = Measured Capacitance value	33 mF to 110 mF	13 x 10-3 C +77 µF	Internal Procedure :GTS-ENWP-142	P/S
	Frequency Source - Fluke 5522A f = Measured Frequency Value	0.0 Hz to 400.0 MHz	4.27 x 10-5 f +7.1 mHz	Internal Procedure :GTS-ENWP-142	P/S
	Frequency Source - Fluke 5522A f = Measured Frequency Value	0.01 Hz to 119.99 Hz	1.9 x 10-6 f +12 µHz	Internal Procedure :GTS-ENWP-142	P/S
	Frequency Source - Fluke 5522A f = Measured Frequency Value	120 Hz to 1199.9 Hz	2.0 x 10-6 f +32 µHz	Internal Procedure :GTS-ENWP-142	P/S
	Frequency Source - Fluke 5522A f = Measured Frequency Value	1.200 kHz to 11.999 kHz	2.0 x 10-6 f +0.29 mHz	Internal Procedure :GTS-ENWP-142	P/S
	Frequency Source - Fluke 5522A f = Measured Frequency Value	12.00 kHz to 119.99 kHz	2.0x 10-6 f +2.9 mHz	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Frequency Source - Fluke 5522A f = Measured Frequency Value	120.00 kHz to 1199.9 kHz	2.0 x 10-6 f +29 mHz	Internal Procedure :GTS- ENWP-142	P/S
	Frequency Source - Fluke 5522A f = Measured Frequency Value	1.200 MHz to 2.000 MHz	1.9 x 10-6 f +0.42 Hz	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	200 °C to -80 °C RTD-pt385, 100Ω	0.04 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	> 80 °C to 0 °C RTD-pt385, 100Ω	0.04 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	> 0 °C to 100 °C RTD-pt385, 100Ω	0.06 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	>100 °C to 300 °C RTD-pt385, 100Ω	0.07 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	>300 °C to 400 °C RTD-pt385, 100Ω	0.08 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	>400 °C to 630 °C RTD-pt385, 100Ω	0.09 °C	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

RTD - Simulation -Fluke 5522A	>630 °C to 800 °C RTD-pt385, 100Ω	0.18 °C	Internal Procedure :GTS- ENWP-142	P/S
RTD - Simulation -Fluke 5522A	200 °C to -80 °C RTD-pt3926, 100Ω	0.04 °C	Internal Procedure :GTS- ENWP-142	P/S
RTD - Simulation -Fluke 5522A	>-80 °C to 0 °C RTD-pt3926, 100Ω	0.06 °C	Internal Procedure :GTS- ENWP-142	P/S
RTD - Simulation -Fluke 5522A	0 °C to 100 °C / RTD-pt3926, 100Ω	0.07 °C	Internal Procedure :GTS- ENWP-142	P/S
RTD - Simulation -Fluke 5522A	>100 °C to 300 °C RTD-pt3926, 100Ω	0.08 °C	Internal Procedure :GTS- ENWP-142	P/S
RTD - Simulation -Fluke 5522A	>300 °C to 400 °C RTD-pt3926, 100Ω	0.09 °C	Internal Procedure :GTS- ENWP-142	P/S
RTD - Simulation -Fluke 5522A	>400 °C to 630 °C RTD-pt3926, 100Ω	0.18 °C	Internal Procedure :GTS- ENWP-142	P/S
RTD - Simulation -Fluke 5522A	200 °C to -190 °C RTD-pt3916, 100Ω	0.19 °C	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	RTD - Simulation -Fluke 5522A	>-190 °C to -80 °C RTD-pt3916, 100Ω	0.03 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	>-80 °C to 0 °C RTD-pt3916, 100Ω	0.04 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	0 °C to 100 °C RTD-pt3916, 100Ω	0.05 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	>100 °C to 260 °C RTD-pt3916, 100Ω	0.06 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	>260 °C to 300 °C RTD-pt3916, 100Ω	0.06 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	>300 °C to 400 °C RTD-pt3916, 100Ω	0.07 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	>400 °C to 600 °C RTD-pt3916, 100Ω	0.08 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	>600 °C to 630 °C RTD-pt3916, 100Ω	0.18 °C	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

RTD - Simulation -Fluke 5522A	200 °C to -80 °C RTD-pt385, 200Ω	0.03 °C	Internal Procedure :GTS- ENWP-142	P/S
RTD - Simulation -Fluke 5522A	>-80 °C to 0 °C RTD-pt385, 200Ω	0.03 °C	Internal Procedure :GTS- ENWP-142	P/S
RTD - Simulation -Fluke 5522A	0 °C to 100 °C RTD-pt385, 200Ω	0.03 °C	Internal Procedure :GTS- ENWP-142	P/S
RTD - Simulation -Fluke 5522A	>100 °C to 260 °C RTD-pt385, 200Ω	0.04 °C	Internal Procedure :GTS- ENWP-142	P/S
RTD - Simulation -Fluke 5522A	>260 °C to 300 °C RTD-pt385, 200Ω	0.09 °C	Internal Procedure :GTS- ENWP-142	P/S
RTD - Simulation -Fluke 5522A	>300 °C to 400 °C RTD-pt385, 200Ω	0.10 °C	Internal Procedure :GTS- ENWP-142	P/S
RTD - Simulation -Fluke 5522A	>400 °C to 600 °C RTD-pt385, 200Ω	0.11 °C	Internal Procedure :GTS- ENWP-142	P/S
RTD - Simulation -Fluke 5522A	>600 °C to 630 °C RTD-pt385, 200Ω	0.12 °C	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	RTD - Simulation -Fluke 5522A	200 °C to -80 °C RTD-pt385, 500Ω	0.03 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	>-80 °C to 0 °C RTD-pt385, 500Ω	0.04 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	0 °C to 100 °C RTD-pt385, 500Ω	0.04 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	>100 °C to 260 °C RTD-pt385, 500Ω	0.05 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	>260 °C to 300 °C RTD-pt385, 500Ω	0.06 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	>300 °C to 400 °C RTD-pt385, 500Ω	0.06 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	>400 °C to 600 °C RTD-pt385, 500Ω	0.07 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	>600 °C to 630 °C RTD-pt385, 500Ω	0.09 °C	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	RTD - Simulation -Fluke 5522A	200 °C to -80 °C RTD-pt385, 1000Ω	0.03 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	> -80 °C to 0 °C RTD-pt385, 1000Ω	0.03 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	0°C to 100 °C RTD-pt385, 1000Ω	0.03 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	>100 °C to 260 °C RTD-pt385, 1000Ω	0.04 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	>260 °C to 300 °C RTD-pt385, 1000Ω	0.05 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	>300 °C to 400 °C RTD-pt385, 1000Ω	0.06 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	>400 °C to 600 °C RTD-pt385, 1000Ω	0.06 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	>600 °C to 630 °C RTD-pt385, 1000Ω	0.18 °C	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	RTD - Simulation -Fluke 5522A	80 °C to 0 °C RTD-pt385, 120Ω (Ni120)	0.03 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	0 °C to 100 °C RTD-pt385, 120Ω (Ni120)	0.03 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	>100 °C to 260 °C RTD-pt385, 120Ω (Ni120)	0.04 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5522A	100 °C to 260 °C RTD-Cu427, 10Ω	0.23 °C	Internal Procedure :GTS- ENWP-142	P/S
	Thermocouple B- Simulation -Fluke 5522A	600 °C to 800 °C	0.34 °C	Internal Procedure :GTS- ENWP-142	P/S
	Thermocouple B- Simulation -Fluke 5522A	>800 °C to 1000 °C	0.26 °C	Internal Procedure :GTS- ENWP-142	P/S
	Thermocouple B- Simulation -Fluke 5522A	>1000 °C to 1550 °C	0.23 °C	Internal Procedure :GTS- ENWP-142	P/S
	Thermocouple B- Simulation -Fluke 5522A	>1550 °C to 1820 °C	0.26 °C	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Thermocouple C- Simulation -Fluke 5522A	0.01 °C to 150 °C	0.23 °C	Internal Procedure :GTS-ENWP-142	P/S
	Thermocouple C- Simulation -Fluke 5522A	>150 °C to 650 °C	0.20 °C	Internal Procedure :GTS-ENWP-142	P/S
	Thermocouple C- Simulation -Fluke 5522A	>650 °C to 1000 °C	0.24 °C	Internal Procedure :GTS-ENWP-142	P/S
	Thermocouple C- Simulation -Fluke 5522A	>1000 °C to 1800°C	0.39 °C	Internal Procedure :GTS-ENWP-142	P/S
	Thermocouple C- Simulation -Fluke 5522A	>1800 °C to 2316°C	0.65 °C	Internal Procedure :GTS-ENWP-142	P/S
	Thermocouple E -Simulation -Fluke 5522A	250 °C to -100 °C	0.39 °C	Internal Procedure :GTS-ENWP-142	P/S
	Thermocouple E -Simulation -Fluke 5522A	>-100 °C to -25 °C	0.12 °C	Internal Procedure :GTS-ENWP-142	P/S
	Thermocouple E -Simulation -Fluke 5522A	>-25 °C to 350 °C	0.11 °C	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.O Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Thermocouple E -Simulation -Fluke 5522A	>350 °C to 650°C	0.12 °C	Internal Procedure :GTS- ENWP-142	P/S
	Thermocouple E -Simulation -Fluke 5522A	>650 °C to 1000°C	0.16 °C	Internal Procedure :GTS- ENWP-142	P/S
	Thermocouple J -Simulation -Fluke 5522A	210 °C to -100 °C	0.21 °C	Internal Procedure :GTS- ENWP-142	P/S
	Thermocouple J -Simulation -Fluke 5522A	>-100 °C to -35 °C	0.12 °C	Internal Procedure :GTS- ENWP-142	P/S
	Thermocouple J -Simulation -Fluke 5522A	>-30 °C to 150 °C	0.11 °C	Internal Procedure :GTS- ENWP-142	P/S
	Thermocouple J -Simulation -Fluke 5522A	>150 °C to 760°C	0.13 °C	Internal Procedure :GTS- ENWP-142	P/S
	Thermocouple J -Simulation -Fluke 5522A	>760 °C to 1200°C	0.18 °C	Internal Procedure :GTS- ENWP-142	P/S
	Thermocouple K-Simulation -Fluke 5522A	200 °C to -100 °C	0.26 °C	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Thermocouple K-Simulation -Fluke 5522A	>-100 °C to -25 °C	0.14 °C	Internal Procedure :GTS-ENWP-142	P/S
	Thermocouple K-Simulation -Fluke 5522A	>-25 °C to 120 °C	0.12 °C	Internal Procedure :GTS-ENWP-142	P/S
	Thermocouple K-Simulation -Fluke 5522A	>120 °C to 1000 °C	0.20 °C	Internal Procedure :GTS-ENWP-142	P/S
	Thermocouple K-Simulation -Fluke 5522A	>1000 °C to 1372 °C	0.31 °C	Internal Procedure :GTS-ENWP-142	P/S
	Thermocouple L-Simulation -Fluke 5522A	200 °C to -100 °C	0.29 °C	Internal Procedure :GTS-ENWP-142	P/S
	Thermocouple L-Simulation -Fluke 5522A	>-100 °C to 800 °C	0.20 °C	Internal Procedure :GTS-ENWP-142	P/S
	Thermocouple L-Simulation -Fluke 5522A	>800°C to 900 °C	0.13 °C	Internal Procedure :GTS-ENWP-142	P/S
	Thermocouple N-Simulation -Fluke 5522A	200 °C to -100 °C	0.31 °C	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Thermocouple N-Simulation -Fluke 5522A	>-100 °C to -25 °C	0.17 °C	Internal Procedure :GTS-ENWP-142	P/S
	Thermocouple N-Simulation -Fluke 5522A	>-25 °C to 120 °C	0.15 °C	Internal Procedure :GTS-ENWP-142	P/S
	Thermocouple N-Simulation -Fluke 5522A	>120 °C to 410 °C	0.14 °C	Internal Procedure :GTS-ENWP-142	P/S
	Thermocouple N-Simulation -Fluke 5522A	>410 °C to 1300 °C	0.21 °C	Internal Procedure :GTS-ENWP-142	P/S
	Thermocouple R-Simulation -Fluke 5522A	0.01 °C to 250 °C	0.44 °C	Internal Procedure :GTS-ENWP-142	P/S
	Thermocouple R-Simulation -Fluke 5522A	>250 °C to 400 °C	0.27 °C	Internal Procedure :GTS-ENWP-142	P/S
	Thermocouple R-Simulation -Fluke 5522A	>400 °C to 1000 °C	0.26 °C	Internal Procedure :GTS-ENWP-142	P/S
	Thermocouple R-Simulation -Fluke 5522A	>1000 °C to 1767°C	0.31 °C	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Thermocouple S-Simulation -Fluke 5522A	0.01 °C to 250 °C	0.36 °C	Internal Procedure :GTS- ENWP-142	P/S
	Thermocouple S-Simulation -Fluke 5522A	>250 °C to 1000 °C	0.28 °C	Internal Procedure :GTS- ENWP-142	P/S
	Thermocouple S-Simulation -Fluke 5522A	>1000 °C to 1400 °C	0.29 °C	Internal Procedure :GTS- ENWP-142	P/S
	Thermocouple S-Simulation -Fluke 5522A	>1400 °C to 1767°C	0.36 °C	Internal Procedure :GTS- ENWP-142	P/S
	Thermocouple T-Simulation -Fluke 5522A	250 °C to -150 °C	0.49 °C	Internal Procedure :GTS- ENWP-142	P/S
	Thermocouple T-Simulation -Fluke 5522A	> 150 °C to 0 °C	0.19 °C	Internal Procedure :GTS- ENWP-142	P/S
	Thermocouple T-Simulation -Fluke 5522A	>0 °C to 120 °C	0.12 °C	Internal Procedure :GTS- ENWP-142	P/S
	Thermocouple T-Simulation -Fluke 5522A	>120 °C to 400°C	0.11 °C	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Thermocouple U-Simulation -Fluke 5522A	200 °C to 0.01 °C	0.43 °C	Internal Procedure :GTS-ENWP-142	P/S
	Thermocouple U-Simulation -Fluke 5522A	>0.01 °C to 600 °C	0.21 °C	Internal Procedure :GTS-ENWP-142	P/S
	DC Power -Fluke 5522A with PQ Option- P= Measured Power value	33 mV/0.33mA	0.29 x 10-3 P	Internal Procedure :GTS-ENWP-142	P/S
	DC Power -Fluke 5522A with PQ Option- P= Measured Power value	33 mV/329.99 mA	0.20 x 10-3 P	Internal Procedure :GTS-ENWP-142	P/S
	DC Power -Fluke 5522A with PQ Option- P= Measured Power value	1020 V/0.33mA	0.29 x 10-3 P	Internal Procedure :GTS-ENWP-142	P/S
	DC Power -Fluke 5522A with PQ Option- P= Measured Power value	1020 V/329.99 mA	0.21 x 10-3 P	Internal Procedure :GTS-ENWP-142	P/S
	DC Power -Fluke 5522A with PQ Option- P= Measured Power value	33 mV/0.33 A	0.40 x 10-3 P	Internal Procedure :GTS-ENWP-142	P/S
	DC Power -Fluke 5522A with PQ Option- P= Measured Power value	33 mV/2.9999 A	0.48 x 10-3 P	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	DC Power -Fluke 5522A with PQ Option- P= Measured Power value	1020 V/0.33 A	0.41 x 10-3 P	Internal Procedure :GTS-ENWP-142	P/S
	DC Power -Fluke 5522A with PQ Option- P= Measured Power value	1020 V/2.9999 A	0.49 x 10-3 P	Internal Procedure :GTS-ENWP-142	P/S
	DC Power -Fluke 5522A with PQ Option- P= Measured Power value	33 mV/3 A	0.84 x 10-3 P	Internal Procedure :GTS-ENWP-142	P/S
	DC Power -Fluke 5522A with PQ Option- P= Measured Power value	33 mV/20.5 A	1.3 x 10-3 P	Internal Procedure :GTS-ENWP-142	P/S
	DC Power -Fluke 5522A with PQ Option- P= Measured Power value	1020 V/3 A	0.84 x 10-3 P	Internal Procedure :GTS-ENWP-142	P/S
	DC Power -Fluke 5522A with PQ Option- P= Measured Power value	1020 V/20.5 A	1.3 x 10-3 P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	33 mV/3.3mA (45 Hz to 65 Hz; PF=1)	1.4 x 10-3 P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	33 mV/8.999 mA (45 Hz to 65 Hz; PF=1)	1.0 x 10-3 P	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	33 mV/9 mA (45 Hz to 65 Hz; PF=1)	0.93 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	33 mV/32.999 mA (45 Hz to 65 Hz; PF=1)	0.79 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	33 mV/33 mA (45 Hz to 65 Hz; PF=1)	1.4 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	33 mV/89.99 mA (45 Hz to 65 Hz; PF=1)	0.99 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	33 mV/90 mA (45 Hz to 65 Hz; PF=1)	0.92 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	33 mV/329.99 mA (45 Hz to 65 Hz; PF=1)	0.78 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	329.99 mV/3.3 mA (45 Hz to 65 Hz; PF=1)	1.4 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	329.99 mV/8.999 mA (45 Hz to 65 Hz; PF=1)	0.94 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	329.999 mV/9 mA (45 Hz to 65 Hz; PF=1)	0.87 x 10 ⁻³ P	Internal Procedure :GTS- ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	329.999 mV/32.999 mA (45 Hz to 65 Hz; PF=1)	0.71 x 10 ⁻³ P	Internal Procedure :GTS- ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	329.999 mV/33 mA (45 Hz to 65 Hz; PF=1)	1.4 x 10 ⁻³ P	Internal Procedure :GTS- ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	329.999 mV/89.99 mA (45 Hz to 65 Hz; PF=1)	0.93 x 10 ⁻³ P	Internal Procedure :GTS- ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	329.999 mV/90 mA (45 Hz to 65 Hz; PF=1)	0.85 x 10 ⁻³ P	Internal Procedure :GTS- ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	329.999 mV/329.99 mA (45 Hz to 65 Hz; PF=1)	0.7 x 10 ⁻³ P	Internal Procedure :GTS- ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	330 mV/3.3 mA (45 Hz to 65 Hz; PF=1)	1.4 x 10 ⁻³ P	Internal Procedure :GTS- ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	330 mV/8.999 mA (45 Hz to 65 Hz; PF=1)	0.96 x 10 ⁻³ P	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	330 mV/9 mA (45 Hz to 65 Hz; PF=1)	0.9 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	330 mV/32.999 mA (45 Hz to 65 Hz; PF=1)	0.75 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	330 mV/33 mA (45 Hz to 65 Hz; PF=1)	1.4 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	330 mV/89.99 mA (45 Hz to 65 Hz; PF=1)	0.95 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	330 mV/90 mA (45 Hz to 65 Hz; PF=1)	0.88 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	330 mV/329.99 mA (45 Hz to 65 Hz; PF=1)	0.74 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	1020 V/3.3 mA (45 Hz to 65 Hz; PF=1)	1.4 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	1020 V/8.999 mA (45 Hz to 65 Hz; PF=1)	0.95 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	1020 V/9 mA (45 Hz to 65 Hz; PF=1)	0.89 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	1020 V/32.999 mA (45 Hz to 65 Hz; PF=1)	0.74 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	1020 V/33 mA (45 Hz to 65 Hz; PF=1)	1.4 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	1020 V/89.99 mA (45 Hz to 65 Hz; PF=1)	0.94 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	1020 V/90 mA (45 Hz to 65 Hz; PF=1)	0.87 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	1020 V/329.99 mA (45 Hz to 65 Hz; PF=1)	0.72 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	33 mV/0.33 A (45 Hz to 65 Hz; PF=1)	1.2 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	33 mV/0.8999 A (45 Hz to 65 Hz; PF=1)	0.96 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	33 mV/0.9 A (45 Hz to 65 Hz; PF=1)	0.92 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	33 mV/2.1999 A (45 Hz to 65 Hz; PF=1)	0.96 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	33 mV/2.2A (45 Hz to 65 Hz; PF=1)	0.99 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	33 mV/4.4999 A	1.4 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	33 mV/4.5A	1.4 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	33 mV/20.5 A	1.8 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	329.999 mV/0.33 A	1.1 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	329.999 mV/0.8999 A	0.9 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	329.999 mV/0.9 A	0.86 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	329.999 mV/2.1999 A	0.89 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	329.999 mV/2.2 A	0.93 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	329.999 mV/4.4999 A	1.4 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	329.999 mV/4.5 A	1.4 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	329.999 mV/20.5 A	1.8 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	330 mV/0.33 A	1.1 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	330 mV/0.8999 A	0.92 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	330 mV/0.9 A	0.89 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	330 mV/2.1999 A	0.92 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	330 mV/2.2 A	0.97 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	330 mV/4.4999 A	1.4 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	330 mV/4.5 A	1.4 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	330 mV/20.5 A	1.8 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	1020 V/0.33 A	1.1 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	1020 V/0.8999 A	0.91 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.O Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	1020 V/0.9A	0.88 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	1020 V/2.1999 A	0.91 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	1020 V/2.2 A	0.96 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	1020 V/4.4999 A	1.4 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	1020 V/4.5 A	1.4 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	AC Power-Fluke 5522A with PQ Option- P= Measured Power value	1020 V/20.5 A	1.8 x 10 ⁻³ P	Internal Procedure :GTS-ENWP-142	P/S
	Oscilloscope using Fluke 5522A with SC1100 Option: AC Voltage (Square Wave)	1 mV to 6 Vp-p/ 50 Ω load, and 1 mV to 130 Vp-p /1 MΩ load (100 Hz to 10 kHz)	1.2 mV+ 0.34 mV/V 1.1 mV+ 0.1 mV/V	Internal Procedure :GTS-ENWP-142	P/S
	Oscilloscope using Fluke 5522A with SC1100 Option: Amplitude – DC	(-6.6 to 6.6) V /50 Ω	2.6 mV + 0.33 μV /V	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Oscilloscope using Fluke 5522A with SC1100 Option: Amplitude – DC	(-130 to 130) V/ 1 MΩ	3.3 mV + 8.5 μV /V	Internal Procedure :GTS- ENWP-142	P/S
	Oscilloscope using Fluke 5522A with SC1100 Option: Leveled Sine Wave- Band width Measurement	50 kHz to 100 MHz (Flatness ref. 50 kHz) / [5 mV to 5.5 V]	0.93 % + 0.3 mV	Internal Procedure :GTS- ENWP-142	P/S
	Oscilloscope using Fluke 5522A with SC1100 Option: Leveled Sine Wave- Band width Measurement	(100 to 300) MHz (Flatness ref. 50 kHz) / [5 mV to 5.5 V]	0.98 % + 0.3 mV	Internal Procedure :GTS- ENWP-142	P/S
	Oscilloscope using Fluke 5522A with SC1100 Option: Leveled Sine Wave- Band width Measurement	(300 to 600) MHz (Flatness ref. 50 kHz) / [5 mV to 5.5 V]	1.0 % + 0.3 mV	Internal Procedure :GTS- ENWP-142	P/S
	Oscilloscope using Fluke 5522A with SC1100 Option: Leveled Sine Wave- Band width Measurement	(600 to 1100) MHz (Flatness ref. 50 kHz) / [5 mV to 3.5 V]	0.93 % + 0.3 V	Internal Procedure :GTS- ENWP-142	P/S
	Leveled Sine Wave Frequency - Fluke 5522A with SC1100 Option	(0.05 to 1100) MHz /50 Ω	6.3 Hz + 0.09 Hz / MHz	Internal Procedure :GTS- ENWP-142	P/S
	Time Marker Function in 50Ω- Fluke 5522A with SC1100 Option	5 s to 50 ms	0.8 ns + 0.52 %	Internal Procedure :GTS- ENWP-142	P/S
	Time Marker Function in 50Ω- Fluke 5522A with SC1100 Option	20 ms to 100 ns	0.053 ps + 0.00028 %	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Time Marker Function in 50Ω- Fluke 5522A with SC1100 Option	(20 to 50) ns	0.073 fs + 0.000 29 %	Internal Procedure :GTS-ENWP-142	P/S
	Time Marker Function in 50Ω- Fluke 5522A with SC1100 Option	10 ns	0.51 fs + 0.000 2 %	Internal Procedure :GTS-ENWP-142	P/S
	Time Marker Function in 50Ω- Fluke 5522A with SC1100 Option	(2 to 5) ns	0.089 fs + 0.000 28 %	Internal Procedure :GTS-ENWP-142	P/S
	Oscilloscope / Edge – Rise Time	≤ 300 ps / 1kHz to 10 MHz	76 ps	Internal Procedure :GTS-ENWP-142	P/S
	Oscilloscope / Pulse Width	(4 to 500) ns (10 mV to 2.5 V)	0.67 ns	Internal Procedure :GTS-ENWP-142	P/S
	Wave Generator	1.8 mV to 2.5 Vp-p (50 Ω)/ 10 Hz to 100 kHz	0.33 % + 6 mV/V	Internal Procedure :GTS-ENWP-142	P/S
	Wave Generator	1.8 mV to 55 Vp-p (1 MΩ)/ 10 Hz to 100 kHz	0.07 % + 2.2 mV/V	Internal Procedure :GTS-ENWP-142	P/S
	Resistance Meters using DRB R= Measured Resistance value	50 μΩ	4.4 x 10-3R	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Resistance Meters using DRB R= Measured Resistance value	100 $\mu\Omega$	2.5 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S
	Resistance Meters using DRB R= Measured Resistance value	150 $\mu\Omega$	1.5 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S
	Resistance Meters using DRB R= Measured Resistance value	200 $\mu\Omega$	1.5 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S
	Resistance Meters using DRB R= Measured Resistance value	0.5 m Ω	5.1 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S
	Resistance Meters using DRB R= Measured Resistance value	1.0 m Ω	4.1 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S
	Resistance Meters using DRB R= Measured Resistance value	1.5 m Ω	2.9 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S
	Resistance Meters using DRB R= Measured Resistance value	2.0 m Ω	3.0 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S
	Resistance Meters using DRB R= Measured Resistance value	5.0 m Ω	1.2 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Resistance Meters using DRB R= Measured Resistance value	10 mΩ	0.72 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S
	Resistance Meters using DRB R= Measured Resistance value	15 mΩ	0.58 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S
	Resistance Meters using DRB R= Measured Resistance value	20 mΩ	0.61 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S
	Resistance Meters using DRB R= Measured Resistance value	50 mΩ	0.16 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S
	Resistance Meters using DRB R= Measured Resistance value	100 mΩ	0.13 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S
	Resistance Meters using DRB R= Measured Resistance value	150 mΩ	0.12 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S
	Resistance Meters using DRB R= Measured Resistance value	200 mΩ	0.13 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S
	Resistance Meters using DRB R= Measured Resistance value	0.5 Ω	1.8 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Resistance Meters using DRB R= Measured Resistance value	1.0 Ω	0.9 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S
	Resistance Meters using DRB R= Measured Resistance value	1.5 Ω	0.61 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S
	Resistance Meters using DRB R= Measured Resistance value	2.0 Ω	0.46 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S
	Resistance Meters using DRB R= Measured Resistance value	5 Ω to 9 Ω	1.0 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S
	Resistance Meters using DRB R= Measured Resistance value	10 Ω to 90 Ω	1.0 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S
	Resistance Meters using DRB R= Measured Resistance value	100 Ω to 900 Ω	1.0 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S
	Resistance Meters using DRB R= Measured Resistance value	1 k Ω to 9 k Ω	1.0 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S
	Resistance Meters using DRB R= Measured Resistance value	100 Ω to 90 k Ω	1.0 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Resistance Meters using DRB R= Measured Resistance value	100 kΩ to 900 kΩ	1.0 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142	P/S
	Resistance Meters using DRB R= Measured Resistance value	1.0 MΩ	9 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142/ GTS-ENWP-19	P/S
	Resistance Meters using DRB R= Measured Resistance value	2.0 MΩ	9x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142/ GTS-ENWP-19	P/S
	Resistance Meters using DRB R= Measured Resistance value	3.0 MΩ	6 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142/ GTS-ENWP-19	P/S
	Calibration of Resistance meters/ Insulation Resistance Tester- using DRB R= Measured Resistance value	0.1 MΩ to 9.99 MΩ	1.2 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142/ GTS-ENWP-19	P/S
	Calibration of Resistance meters/ Insulation Resistance Tester- using DRB R= Measured Resistance value	10 MΩ to 99.9 MΩ	5 x 10 ⁻³ R	Internal Procedure :GTS-ENWP-142/ GTS-ENWP-19	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Calibration of Resistance meters/ Insulation Resistance Tester- using DRB R= Measured Resistance value	100 MΩ to 1000 MΩ	10 x 10-3R	Internal Procedure :GTS-ENWP-142/ GTS-ENWP-19	P/S
	Calibration of Resistance meters/ Insulation Resistance Tester- using DRB R= Measured Resistance value	1 GΩ to 10 GΩ	1.8 x10-2 R	Internal Procedure :GTS-ENWP-142/ GTS-ENWP-19	P/S
	Calibration of Resistance meters/ Insulation Resistance Tester- using DRB R= Measured Resistance value	10 GΩ to 100 GΩ	1.6 x10-2 R	Internal Procedure :GTS-ENWP-142/ GTS-ENWP-19	P/S
	Calibration of Resistance meters/ Insulation Resistance Tester- using DRB R= Measured Resistance value	100 GΩ to 1TΩ	2.1x10-2 R	Internal Procedure :GTS-ENWP-142/ GTS-ENWP-19	P/S
	DC Voltage - Measure - DMM6500 U = Measured Voltage value	0 to 100 mV	3.6 x 10-5 U + 2.8 μV	Internal Procedure :GTS-ENWP-142	P/S
	DC Voltage - Measure - DMM6500 U = Measured Voltage value	>100mV to 1 V	5.6 x 10-5 U + 2 μV	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	DC Voltage - Measure - DMM6500 U = Measured Voltage value	>1V to 10 V	$5.7 \times 10^{-5} U + 14 \mu V$	Internal Procedure :GTS-ENWP-142	P/S
	DC Voltage - Measure - DMM6500 U = Measured Voltage value	>10V to 100V	$5.6 \times 10^{-5} U + 0.2 \text{ mV}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Voltage - Measure - DMM6500 U = Measured Voltage value	>100V to 1000V	$5.6 \times 10^{-5} U + 1.9 \text{ mV}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Voltage - Measure - 5320A U = Measured Voltage value	0 to 10.000 V	$4.1 \times 10^{-6} + 4.1 \text{ mV}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Voltage - Measure - 5320A U = Measured Voltage value	>10 to 100 V	$4.5 \times 10^{-6} + 41 \text{ mV}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Voltage - Measure - 5320A U = Measured Voltage value	>100 V to 1100 V	$4.4 \times 10^{-6} + 0.45 \text{ V}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Measure - 5320A U = Measured Voltage value	0 – 10 V / 20 Hz - 2 kHz	$4.1 \times 10^{-6} + 4.1 \text{ mV}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Measure - 5320A U = Measured Voltage value	>10 – 100 V / 20 Hz - 2 kHz	$4.5 \times 10^{-6} + 41 \text{ mV}$	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Voltage- Measure - 5320A U = Measured Voltage value	>100 – 1100 V /20 Hz - 2 kHz	4.4 x 10-6 + 0.45 V	Internal Procedure :GTS-ENWP-142	P/S
	AC Current - Measure - 5320A I = Measured Current value	0 to 300 mA / 20 - 400 Hz	6.9 x 10-4 + 0.43 mA	Internal Procedure :GTS-ENWP-142	P/S
	AC Current - Measure - 5320A I = Measured Current value	>300 mA to 3 A / 20 - 400 Hz	1.1 x 10-3 + 1.6 mA	Internal Procedure :GTS-ENWP-142	P/S
	AC Current - Measure - 5320A I = Measured Current value	> 3A to 30 A / 20 - 400 Hz	2.24 x 10-3 + 15 mA	Internal Procedure :GTS-ENWP-142	P/S
	DC Current - Measure - 5320A I = Measured Current value	0 to 300 mA	6.4 x 10-4 + 0.43 mA	Internal Procedure :GTS-ENWP-142	P/S
	DC Current- Measure - 5320A I = Measured Current value	>300 mA to 3 A	1.1 x 10-3 + 1.6 mA	Internal Procedure :GTS-ENWP-142	P/S
	DC Current - Measure - 5320A I = Measured Current value	> 3A to 30 A	2.2 x 10-3 + 15.0 mA	Internal Procedure :GTS-ENWP-142	P/S
	AC Current -Hipot -Measure - 5320A I = Measured Current value	0 to 300 µA / 50 - 400 Hz	0.62 x 10-3 I + 0.1 µA	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Current -Hipot - Measure - 5320A I = Measured Current value	>300 μ A to 3 mA/ 50 - 400 Hz	0.08 x 10 ⁻³ I + 0.6 μ A	Internal Procedure :GTS- ENWP-142	P/S
	AC Current -Hipot - Measure - 5320A I = Measured Current value	> 3 mA to 30 mA / 50 - 400 Hz	0.19 x 10 ⁻³ I +0.5 μ A	Internal Procedure :GTS- ENWP-142	P/S
	AC Current -Hipot - Measure - 5320A I = Measured Current value	> 30 mA to 300 mA/ 50 - 400 Hz	0.22 x 10 ⁻³ I +37 μ A	Internal Procedure :GTS- ENWP-142	P/S
	DC Current -Hipot - Measure - 5320A I = Measured Current value	0 to 300 μ A	0.57 x 10 ⁻³ I + 0.1 μ A	Internal Procedure :GTS- ENWP-142	P/S
	DC Current -Hipot - Measure - 5320A I = Measured Current value	>300 μ A to 3 mA	0.19 x 10 ⁻³ I + 0.6 μ A	Internal Procedure :GTS- ENWP-142	P/S
	DC Current -Hipot - Measure - 5320A I = Measured Current value	> 3 mA to 30 mA	0.23 x 10 ⁻³ I +0.9 μ A	Internal Procedure :GTS- ENWP-142	P/S
	DC Current -Hipot - Measure - 5320A I = Measured Current value	> 30 mA to 300 mA	0.27 x 10 ⁻³ I +34 μ A	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage - Measure - DMM6500 U = Measured Voltage value	0 to 100 mV/5Hz- 10Hz	6.9 x 10 ⁻⁶ U + 24 μ V	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Voltage- Measure - DMM6500 U = Measured Voltage value	0 to 100 mV/ >10Hz-20kHz	$6.9 \times 10^{-6} U + 24 \mu V$	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage- Measure - DMM6500 U = Measured Voltage value	0 to 100 mV/ >20kHz-50kHz	$4.2 \times 10^{-6} U + 39 \mu V$	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage - Measure - DMM6500 U = Measured Voltage value	0 to 100 mV/ >50kHz-100kHz	$2.7 \times 10^{-6} U + 63 \mu V$	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage- Measure - DMM6500 U = Measured Voltage value	>100 mV to 1 V/5Hz-10Hz	$7.7 \times 10^{-6} U + 0.24 mV$	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage - Measure - DMM6500 U = Measured Voltage value	>100 mV to 1 V/ >10Hz-20kHz	$7.7 \times 10^{-6} U + 0.24 mV$	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage - Measure - DMM6500 U = Measured Voltage value	>100 mV to 1 V/ >20kHz-50kHz	$4.6 \times 10^{-6} U + 0.39 mV$	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage - Measure - DMM6500 U = Measured Voltage value	>100 mV to 1 V/ >50kHz-100kHz	$2.9 \times 10^{-6} U + 0.63 mV$	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage - Measure - DMM6500 U = Measured Voltage value	>1V to 10 V / 5Hz-10Hz	$7.7 \times 10^{-6} U + 2.4 mV$	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Voltage - Measure - DMM6500 U = Measured Voltage value	>1V to 10 V / >10Hz-20kHz	$7.7 \times 10^{-6} U + 2.4 \text{ mV}$	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage - Measure - DMM6500 U = Measured Voltage value	>1V to 10 V / >20kHz-50kHz	$4.6 \times 10^{-6} U + 3.9 \text{ mV}$	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage - Measure - DMM6500 U = Measured Voltage value	>1V to 10 V / >50kHz-100kHz	$2.9 \times 10^{-6} U + 6.3 \text{ mV}$	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage - Measure - DMM6500 U = Measured Voltage value	>10 V to 100 V / 5Hz-10Hz	$7.7 \times 10^{-6} U + 24 \text{ mV}$	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage - Measure - DMM6500 U = Measured Voltage value	>10 V to 100 V / >10Hz-20kHz	$7.7 \times 10^{-6} U + 24 \text{ mV}$	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage - Measure - DMM6500 U = Measured Voltage value	>10 V to 100 V / >20kHz-50kHz	$4.6 \times 10^{-6} U + 39 \text{ mV}$	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage - Measure - DMM6500 U = Measured Voltage value	>10 V to 100 V / >50kHz-100kHz	$2.9 \times 10^{-6} U + 63 \text{ mV}$	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage- Measure - DMM6500 U = Measured Voltage value	>100 V to 750 V / 5Hz-10Hz	$7.9 \times 10^{-6} U + 0.18 \text{ V}$	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Voltage - Measure - DMM6500 U = Measured Voltage value	>100 V to 750 V / >10Hz-20kHz	$7.9 \times 10^{-6} U + 0.18 \text{ V}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Measure - DMM6500 U = Measured Voltage value	>100 V to 750 V / >20kHz-50kHz	$4.8 \times 10^{-6} U + 0.30 \text{ V}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage- Measure - DMM6500 U = Measured Voltage value	>100 V to 750 V / >50kHz-100kHz	$3.2 \times 10^{-6} U + 0.47 \text{ V}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Current - Measure - DMM6500 I = Measured Current Value	0 to 10 μA	$3.1 \times 10^{-5} I + 0.4 \text{ nA}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Current- Measure - DMM6500 I = Measured Current Value	>10 to 100 μA	$3.4 \times 10^{-5} I + 3.6 \text{ nA}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Current- Measure - DMM6500 I = Measured Current Value	>100 μA to 1 mA	$3.4 \times 10^{-5} I + 0.04 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Current- Measure - DMM6500 I = Measured Current Value	>1 mA to 10 mA	$3.1 \times 10^{-5} I + 0.40 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Current- Measure - DMM6500 I = Measured Current Value	>10 mA to 100 mA	$3.6 \times 10^{-5} I + 3.6 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	DC Current- Measure - DMM6500 I = Measured Current Value	>100 mA to 1 A	$3.6 \times 10^{-5} I + 37 \mu A$	Internal Procedure :GTS-ENWP-142	P/S
	DC Current- Measure - DMM6500 I = Measured Current Value	> 1 A to 3 A	$4.3 \times 10^{-5} I + 67 \mu A$	Internal Procedure :GTS-ENWP-142	P/S
	DC Current- Measure - DMM6500 I = Measured Current Value	> 3 A to 10 A	$1.1 \times 10^{-5} I + 2.0 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current - Measure - DMM6500 I = Measured Current value	0 to 100 μA / 3 Hz to 1 kHz	$2.1 \times 10^{-6} I + 5.5 \text{ nA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current - Measure - DMM6500 I = Measured Current value	0 to 100 μA / >1 kHz to 10 kHz	$2.1 \times 10^{-6} I + 5.5 \text{ nA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current - Measure - DMM6500 I = Measured Current value	>100 μA to 1 mA / 3 Hz to 5 kHz	$5.3 \times 10^{-6} I + 0.31 \mu A$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current - Measure - DMM6500 I = Measured Current value	>100 μA to 1 mA >5 kHz to 10 kHz	$5.3 \times 10^{-6} I + 0.31 \mu A$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current - Measure - DMM6500 I = Measured Current value	>1 mA to 10 mA / 3 Hz to 5 kHz	$5.8 \times 10^{-6} I + 3.1 \mu A$	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Current - Measure - DMM6500 I = Measured Current value	>1 mA to 10 mA / >5 kHz to 10 kHz	$5.8 \times 10^{-6} I + 3.1 \mu A$	Internal Procedure :GTS- ENWP-142	P/S
	AC Current - Measure - DMM6500 I = Measured Current value	>10 mA to 100 mA / 3 Hz to 5 kHz	$5.8 \times 10^{-6} I + 31 \mu A$	Internal Procedure :GTS- ENWP-142	P/S
	AC Current - Measure - DMM6500 I = Measured Current value	>10 mA to 100 mA / >5 kHz to 10 kHz	$5.8 \times 10^{-6} I + 31 \mu A$	Internal Procedure :GTS- ENWP-142	P/S
	AC Current - Measure - DMM6500 I = Measured Current value	>100 mA to 1 A / 3 Hz to 5 kHz	$5.8 \times 10^{-6} I + 0.31 \text{ mA}$	Internal Procedure :GTS- ENWP-142	P/S
	AC Current - Measure - DMM6500 I = Measured Current value	>100 mA to 1 A >5 kHz to 10 kHz	$3.9 \times 10^{-6} I + 0.47 \text{ mA}$	Internal Procedure :GTS- ENWP-142	P/S
	AC Current - Measure - DMM6500 I = Measured Current value	>1 A to 3 A / 3 Hz to 5 kHz	$4.7 \times 10^{-6} I + 1.4 \text{ mA}$	Internal Procedure :GTS- ENWP-142	P/S
	AC Current - Measure - DMM6500 I = Measured Current value	>1 A to 3 A / >5 kHz to 10 kHz	$4.7 \times 10^{-6} I + 1.4 \text{ mA}$	Internal Procedure :GTS- ENWP-142	P/S
	AC Current - Measure - DMM6500 I = Measured Current value	>3 A to 10 A 3 Hz to 5 kHz	$4.6 \times 10^{-6} I + 4.7 \text{ mA}$	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Current - Measure - DMM6500 I = Measured Current value	>3 A to 10 A >5 kHz to 10 kHz	$3.9 \times 10^{-6} I + 5.5 \text{ mA}$	Internal Procedure :GTS- ENWP-142	P/S
	Resistance - Measure - DMM6500 R = Measured Resistance value	0 Ω to 1.0 Ω	$1.1 \times 10^{-5} R + 0.16 \text{ m}\Omega$	Internal Procedure :GTS- ENWP-142	P/S
	Resistance - Measure - DMM6500 R = Measured Resistance value	>1 Ω to 100 Ω	$4.8 \times 10^{-5} R + 0.12 \text{ m}\Omega$	Internal Procedure :GTS- ENWP-142	P/S
	Resistance - Measure - DMM6500 R = Measured Resistance value	>100 Ω to 1 k Ω	$4.8 \times 10^{-5} R + 1.2 \text{ m}\Omega$	Internal Procedure :GTS- ENWP-142	P/S
	Resistance - Measure - DMM6500 R = Measured Resistance value	>1 k Ω to 10 k Ω	$5.6 \times 10^{-5} R + 2 \text{ m}\Omega$	Internal Procedure :GTS- ENWP-142	P/S
	Resistance - Measure - DMM6500 R = Measured Resistance value	>10 k Ω to 100 k Ω	$5.4 \times 10^{-5} R + 0.45 \text{ }\Omega$	Internal Procedure :GTS- ENWP-142	P/S
	Resistance - Measure - DMM6500 R = Measured Resistance value	>100 k Ω to 1 M Ω	$5.6 \times 10^{-5} R + 1.9 \text{ }\Omega$	Internal Procedure :GTS- ENWP-142	P/S
	Resistance - Measure - DMM6500 R = Measured Resistance value	>1 M Ω to 10 M Ω	$5.4 \times 10^{-5} R + 44 \text{ }\Omega$	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Resistance - Measure - DMM6500 R = Measured Resistance value	>10 MΩ to 100 MΩ	$4.2 \times 10^{-5} R + 2 \text{ k}\Omega$	Internal Procedure :GTS-ENWP-142	P/S
	DC High Voltage Fluke 5320 A - Direct measurement	1 to 10 kV	$3 \times 10^{-4} V + 2 V$	Internal Procedure :GTS-ENWP-142	P/S
	AC High Voltage Fluke 5320 A - Direct measurement	1 to 10 kV / 50 Hz / 60 Hz	$1.8 \times 10^{-3} V + 2 V$	Internal Procedure :GTS-ENWP-142	P/S
	DC High Voltage - Measure - Fluke 5320 A (80K-40 High Voltage Probe)	1 to 40 kV	$2.1 \times 10^{-3} V + 10 V$	Internal Procedure :GTS-ENWP-142	P/S
	AC High Voltage - Measure - Fluke 5320 A (80K-40 High Voltage Probe)	1 to 40 kV / (50 Hz/60 Hz)	$2.5 \times 10^{-3} V + 40 V$	Internal Procedure :GTS-ENWP-142	P/S
	AC High Voltage - Measure - Using HV probe	(1 to 10) kV / (50 Hz/60 Hz)	0.04 % + 1.1 V	Internal Procedure :GTS-ENWP-142	P/S
	AC High Voltage - Measure - Using HV probe	(10 to 75) kV / (50 Hz/60 Hz)	0.03% + 21 V	Internal Procedure :GTS-ENWP-142	P/S
	DC High Voltage- Measure - Using HV probe	(1 to 10) kV	0.008 % + 0.4 V	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	DC High Voltage- Measure - Using HV probe	(10 to 30) kV	0.02 % + 4 V	Internal Procedure :GTS-ENWP-142	P/S
	DC High Voltage- Measure - Using HV probe	(35 to 100) kV	0.05 % + 27 V	Internal Procedure :GTS-ENWP-142	P/S
	Loop Impedance – Measure - 5320A Using 6.1/2 Dig. Multimeter and low resistance ohm meter	0.95 to 1.05) Ω	0.8 m Ω	Internal Procedure :GTS-ENWP-142	P/S
	Loop Impedance – Measure - 5320A Using 6.1/2 Dig. Multimeter and low resistance ohm meter	(4.1 to 4.3) Ω	0.8 m Ω	Internal Procedure :GTS-ENWP-142	P/S
	Loop Impedance – Measure - 5320A Using 6.1/2 Dig. Multimeter and low resistance ohm meter	(7.7 to 7.9) Ω	0.8 m Ω	Internal Procedure :GTS-ENWP-142	P/S
	Loop Impedance – Measure - 5320A Using 6.1/2 Dig. Multimeter and low resistance ohm meter	(180 to 181) Ω	1.2 m Ω	Internal Procedure :GTS-ENWP-142	P/S
	AC Current (RCD Tripping Current) – Measure, Fixed Points @ 50 Hz Using 6.1/2 Dig. Multimeter	10 mA $\pm$ 10 %	0.049 mA	Internal Procedure :GTS-ENWP-142	P/S
	AC Current (RCD Tripping Current) – Measure, Fixed Points @ 50 Hz Using 6.1/2 Dig. Multimeter	30 mA $\pm$ 10 %	0.25 mA	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Current (RCD Tripping Current) – Measure, Fixed Points @ 50 Hz Using 6.1/2 Dig. Multimeter	100 mA ± 10 %	0.49 mA	Internal Procedure :GTS-ENWP-142	P/S
	AC Current (RCD Tripping Current) – Measure, Fixed Points @ 50 Hz Using 6.1/2 Dig. Multimeter	300 mA ± 10 %	2.5 mA	Internal Procedure :GTS-ENWP-142	P/S
	AC Current (RCD Tripping Current) – Measure, Fixed Points @ 50 Hz Using 6.1/2 Dig. Multimeter	500 mA ± 10 %	3.2 mA	Internal Procedure :GTS-ENWP-142	P/S
	RCD Tripping Time – Measure	(1 to 300) ms	0.26 ms	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	0.0 mV to 12.0 mV / 3 Hz to 5 Hz	0.81 x10-6 U + 24.8 µV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	0.0 mV to 12.0 mV / >5 Hz to 10 Hz	1.5 x10-6 U + 13.6 µV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	0.0 mV to 12.0 mV / >10 Hz to 20 kHz	3.4 x10-6 U + 5.9 µV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	0.0 mV to 12.0 mV / >20 kHz to 50 kHz	2.6 x10-6 U + 7.7 µV	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Voltage - Fluke 5560A U = Measured voltage value	0.0 mV to 12.0 mV / >50 kHz to 100 kHz	0.78 x10 ⁻⁶ U +25.7 μV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	0.0 mV to 12.0 mV / >100 kHz to 300 kHz	0.24 x10 ⁻⁶ U +85.4 μV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	0.0 mV to 12.0 mV / >300 kHz to 500 kHz	0.23 x10 ⁻⁶ U +85.8 μV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	12 mV to 120 mV / 3 Hz to 5 Hz	0.91 x 10 ⁻⁶ U +0.24 mV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	12 mV to 120 mV / >5 Hz to 10 Hz	2.5 x 10 ⁻⁶ U +0.087 mV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	12 mV to 120 mV / >10 Hz to 20 kHz	1.2 x 10 ⁻⁵ U +0.018 mV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	12 mV to 120 mV / >20 kHz to 50 kHz	5.6 x 10 ⁻⁶ U +0.039 mV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	12 mV to 120 mV / >50 kHz to 100 kHz	2.4 x 10 ⁻⁶ U +0.090 mV	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Voltage - Fluke 5560A U = Measured voltage value	12 mV to 120 mV / >100 kHz to 300 kHz	1.1 x 10 ⁻⁶ U +0.21 mV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	12 mV to 120 mV / >300 kHz to 500 kHz	1.1 x 10 ⁻⁶ U +0.21 mV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	120 mV to 1.2 V/ 3 Hz to 5 Hz	0.93 x 10 ⁻⁶ U +2.4 mV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	120 mV to 1.2 V/ >5 Hz to 10 Hz	2.5 x 10 ⁻⁶ U +0.87 mV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	120 mV to 1.2 V/ >10 Hz to 40 Hz	1.2 x 10 ⁻⁵ U +0.18 mV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	120 mV to 1.2 V/ >40 Hz to 20 kHz	1.5 x 10 ⁻⁵ U +0.14 mV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	120 mV to 1.2 V/ >20 kHz to 50 kHz	7.5 x 10 ⁻⁶ U +0.29 mV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	120 mV to 1.2 V/ >50 kHz to 100 kHz	3.2 x 10 ⁻⁶ U +0.68 mV	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Voltage - Fluke 5560A U = Measured voltage value	120 mV to 1.2 V / >100 kHz to 300 kHz	1.2 x 10 ⁻⁶ U +1.8 mV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	120 mV to 1.2 V / >300 kHz to 500 kHz	1.2 x 10 ⁻⁶ U +1.7 mV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	1.2 V to 12.0 V 3 Hz to 5 Hz	0.93 x 10 ⁻⁶ U +23.8 mV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	1.2 V to 12.0 V / >5 Hz to 10 Hz	2.5 x 10 ⁻⁶ U +8.7 mV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	1.2 V to 12.0 V / >10 Hz to 40 Hz	1.3 x 10 ⁻⁵ U +1.6 mV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	1.2 V to 12.0 V / >40 Hz to 20 kHz	1.5 x 10 ⁻⁵ U +1.4 mV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	1.2 V to 12.0 V / >20 kHz to 50 kHz	7.6 x 10 ⁻⁶ U +2.9 mV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	1.2 V to 12.0 V / >50 kHz to 100 kHz	3.3 x 10 ⁻⁶ U +6.6 mV	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Voltage - Fluke 5560A U = Measured voltage value	1.2 V to 12.0 V / >100 kHz to 300 kHz	1.2 x 10 ⁻⁶ U +19.1 mV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	1.2 V to 12.0 V / >300 kHz to 500 kHz	1.2 x 10 ⁻⁶ U +19.4 mV	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	12 V to 120 V / 3 Hz to 5 Hz	0.93 x 10 ⁻⁶ U +0.24 V	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	12 V to 120 V / >5 Hz to 10 Hz	2.5 x 10 ⁻⁶ U +0.087 V	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	12 V to 120 V / >10 Hz to 40 Hz	1.3 x 10 ⁻⁵ U +0.016 V	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	12 V to 120 V / >40 Hz to 20 kHz	1.5 x 10 ⁻⁵ U +0.014 V	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	12 V to 120 V / >20 kHz to 50 kHz	7.3 x 10 ⁻⁶ U +0.030 V	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	12 V to 120 V / >50 kHz to 100 kHz	3.3 x 10 ⁻⁶ U +0.067 V	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.O Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Voltage - Fluke 5560A U = Measured voltage value	12 V to 120 V / >100 kHz to 300 kHz	1.3 x 10 ⁻⁶ U +0.18 V	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	120 V to 330 V / 3 Hz to 5 Hz	1.1 x 10 ⁻⁶ U +0.70 V	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	120 V to 330 V / >5 Hz to 10 Hz	2.7 x 10 ⁻⁶ U +0.28 V	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	120 V to 330 V / >10 Hz to 20 kHz	1.6 x 10 ⁻⁵ U +0.043 V	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	120 V to 330 V / >20 kHz to 50 kHz	8.5 x 10 ⁻⁶ U +0.086 V	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	120 V to 330 V / >50 kHz to 100 kHz	1.9 x 10 ⁻⁶ U +0.40 V	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	330 V to 1020 V / 3 Hz to 5 Hz	1.1 x 10 ⁻⁶ U +2.1 V	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage - Fluke 5560A U = Measured voltage value	330 V to 1020 V / >5 Hz to 10 Hz	3.0 x 10 ⁻⁶ U +0.75 V	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.O Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Voltage - Fluke 5560A U = Measured voltage value	330 V to 1020 V / >10 Hz to 10 kHz	$1.3 \times 10^{-5} U$ +0.17 V	Internal Procedure :GTS- ENWP-142	P/S
	DC Voltage - Fluke 5560A U = Measured voltage value	0 V to 120 mV	$4.5 \times 10^{-5} U$ +1.8 μ V	Internal Procedure :GTS- ENWP-142	P/S
	DC Voltage - Fluke 5560A U = Measured voltage value	>120 mV to 1.2 V	$5.4 \times 10^{-5} U$ +4.6 μ V	Internal Procedure :GTS- ENWP-142	P/S
	DC Voltage - Fluke 5560A U = Measured voltage value	>1.2 V to 12 V	$5.5 \times 10^{-5} U$ +43 μ V	Internal Procedure :GTS- ENWP-142	P/S
	DC Voltage - Fluke 5560A U = Measured voltage value	>12 V to 120 V	$5.3 \times 10^{-5} U$ +0.69 mV	Internal Procedure :GTS- ENWP-142	P/S
	DC Voltage - Fluke 5560A U = Measured voltage value	120 to 1020 V	$5.3 \times 10^{-5} U$ +5.5 mV	Internal Procedure :GTS- ENWP-142	P/S
	DC Current - Fluke 5560A I = Measured Current value	0 μ A to 120 μ A	$1.3 \times 10^{-6} I$ +0.16 μ A	Internal Procedure :GTS- ENWP-142	P/S
	DC Current - Fluke 5560A I = Measured Current value	>0.12 mA to 1.2 mA	$1.9 \times 10^{-5} I$ +0.11 μ A	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	DC Current - Fluke 5560A I = Measured Current value	>1.2 mA to 12 mA	$2.0 \times 10^{-5} \text{ I} + 0.98 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Current - Fluke 5560A I = Measured Current value	>12 mA to 120 mA	$2.0 \times 10^{-5} \text{ I} + 9.8 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Current - Fluke 5560A I = Measured Current value	>0.12 A to 1.2 A	$1.3 \times 10^{-5} \text{ I} + 0.16 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Current - Fluke 5560A I = Measured Current value	>1.2 A to 3.1 A	$8.4 \times 10^{-6} \text{ I} + 0.84 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Current - Fluke 5560A I = Measured Current value	>3.1 A to 12 A	$8.2 \times 10^{-6} \text{ I} + 3.0 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	DC Current - Fluke 5560A I = Measured Current value	>12 A to 30.2 A	$1.7 \times 10^{-5} \text{ I} + 3.5 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	0 μA to 120 μA / 3 Hz to 45Hz	$6.3 \times 10^{-6} \text{ I} + 0.032 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	0 μA to 120 μA / >45 Hz to 1 kHz	$6.3 \times 10^{-6} \text{ I} + 0.032 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Current- Fluke 5560A I = Measured Current value	0 μ A to 120 μ A/ >1 kHz to 5 kHz	6.2 x 10 ⁻⁶ I+ 0.032 μ A	Internal Procedure :GTS- ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	0 μ A to 120 μ A/ >5 kHz to 10 kHz	1.2 x 10 ⁻³ I+ 0.17 μ A	Internal Procedure :GTS- ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	0 μ A to 120 μ A/ >10 kHz to 30 kHz	0.16 x 10 ⁻⁶ I+ 1.3 μ A	Internal Procedure :GTS- ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>0.12 mA to 1.2 mA / 3 Hz to 45Hz	6.9 x 10 ⁻⁶ I+ 0.32 μ A	Internal Procedure :GTS- ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>0.12 mA to 1.2 mA / >45 Hz to 1 kHz	6.8x 10 ⁻⁶ I+ 0.32 μ A	Internal Procedure :GTS- ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>0.12 mA to 1.2 mA / >1 kHz to 5 kHz	6.8 x 10 ⁻⁶ I+ 0.32 μ A	Internal Procedure :GTS- ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>0.12 mA to 1.2 mA / >5 kHz to 10 kHz	1.5 x 10 ⁻⁶ I+ 1.5 μ A	Internal Procedure :GTS- ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>0.12 mA to 1.2 mA / >10 kHz to 30 kHz	0.26 x 10 ⁻⁶ I+ 8.6 μ A	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Current- Fluke 5560A I = Measured Current value	>1.2 mA to 12 mA / 3 Hz to 45 Hz	$6.8 \times 10^{-6} \text{ I} + 3.2 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>1.2 mA to 12 mA / >45 Hz to 1 kHz	$6.8 \times 10^{-6} \text{ I} + 3.2 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>1.2 mA to 12 mA / >1 kHz to 5 kHz	$6.8 \times 10^{-6} \text{ I} + 3.2 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>1.2 mA to 12 mA / >5 kHz to 10 kHz	$1.5 \times 10^{-6} \text{ I} + 15 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>1.2 mA to 12 mA / >10 kHz to 30 kHz	$0.41 \times 10^{-6} \text{ I} + 54 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>12 mA to 120 mA/ 3 Hz to 45Hz	$7.0 \times 10^{-6} \text{ I} + 31 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>12 mA to 120 mA/ >45 Hz to 1 kHz	$1.2 \times 10^{-5} \text{ I} + 18 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>12 mA to 120 mA/ >1 kHz to 5 kHz	$7.3 \times 10^{-6} \text{ I} + 30 \mu\text{A}$	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Current- Fluke 5560A I = Measured Current value	>12 mA to 120 mA/ >5 kHz to 10 kHz	$1.5 \times 10^{-6} + 0.15 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>12 mA to 120 mA/ >10 kHz to 30 kHz	$0.41 \times 10^{-6} \text{ I} + 0.54 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>0.12 A to 1.2 A / 3 Hz to 45Hz	$6.9 \times 10^{-6} \text{ I} + 0.32 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>0.12 A to 1.2 A / >45 Hz to 1 kHz	$7.9 \times 10^{-6} \text{ I} + 0.28 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>0.12 A to 1.2 A / >1 kHz to 5 kHz	$7.2 \times 10^{-6} \text{ I} + 0.30 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>0.12 A to 1.2 A / >5 kHz to 10 kHz	$0.86 \times 10^{-6} \text{ I} + 2.6 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>0.12 A to 1.2 A / >10 kHz to 30 kHz	$0.45 \times 10^{-6} \text{ I} + 4.9 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>1.2 A to 3.1 A / 3 Hz to 45Hz	$5.5 \times 10^{-6} \text{ I} + 1.3 \text{ mA}$	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Current- Fluke 5560A I = Measured Current value	>1.2 A to 3.1 A / >45 Hz to 1 kHz	7.3 x 10 ⁻⁶ I+ 0.97 mA	Internal Procedure :GTS-ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>1.2 A to 3.1 A / >1 kHz to 5 kHz	6.2 x 10 ⁻⁶ I+ 1.2 mA	Internal Procedure :GTS-ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>1.2 A to 3.1 A / >5 kHz to 10 kHz	1.1 x 10 ⁻⁶ I+ 6.4 mA	Internal Procedure :GTS-ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>3.1 A to 12 A/ 3 Hz to 45Hz	5.8 x 10 ⁻⁶ I+ 4.3 mA	Internal Procedure :GTS-ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>3.1 A to 12 A/ >45 Hz to 1 kHz	7.6 x 10 ⁻⁶ I+ 3.3 mA	Internal Procedure :GTS-ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>3.1 A to 12 A/ >1 kHz to 5 kHz	5.9 x 10 ⁻⁶ I+ 4.2 mA	Internal Procedure :GTS-ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>3.1 A to 12 A/ >5 kHz to 10 kHz	1.1 x 10 ⁻⁶ I+ 24 mA	Internal Procedure :GTS-ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>12 A to 30.2 A / 3 Hz to 45Hz	2.3 x 10 ⁻⁶ I+ 31 mA	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Current- Fluke 5560A I = Measured Current value	>12 A to 30.2 A / >45 Hz to 1 kHz	$3.1 \times 10^{-6} I + 23$ mA	Internal Procedure :GTS-ENWP-142	P/S
	AC Current- Fluke 5560A I = Measured Current value	>12 A to 30.2 A / >1 kHz to 5 kHz	$0.39 \times 10^{-6} I + 0.18$ A	Internal Procedure :GTS-ENWP-142	P/S
	Resistance-Fluke 5560A R = Measured Resistance value	0 Ω to 12 Ω	$2.5 \times 10^{-6} R + 7.9$ m Ω	Internal Procedure :GTS-ENWP-142	P/S
	Resistance-Fluke 5560A R = Measured Resistance value	>12 Ω to 120 Ω	$1.5 \times 10^{-5} R + 14$ m Ω	Internal Procedure :GTS-ENWP-142	P/S
	Resistance-Fluke 5560A R = Measured Resistance value	>0.120 Ω to 1.2 k Ω	$3.7 \times 10^{-5} R + 36$ m Ω	Internal Procedure :GTS-ENWP-142	P/S
	Resistance-Fluke 5560A R = Measured Resistance value	>1.2 k Ω to 12 k Ω	$3.6 \times 10^{-5} R + 0.37$ Ω	Internal Procedure :GTS-ENWP-142	P/S
	Resistance-Fluke 5560A R = Measured Resistance value	>12 k Ω to 120 k Ω	$4.0 \times 10^{-5} R + 2.8$ Ω	Internal Procedure :GTS-ENWP-142	P/S
	Resistance-Fluke 5560A R = Measured Resistance value	>0.12 M Ω to 1.2 M Ω	$4.0 \times 10^{-5} R + 29$ Ω	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Resistance-Fluke 5560A R = Measured Resistance value	>1.2 MΩ to 12 MΩ	3.4 x10 ⁻⁵ R +0.42 kΩ	Internal Procedure :GTS-ENWP-142	P/S
	Resistance-Fluke 5560A R = Measured Resistance value	12 MΩ to 120 MΩ	5.1 x10 ⁻⁶ R +43 kΩ	Internal Procedure :GTS-ENWP-142	P/S
	Resistance-Fluke 5560A R = Measured Resistance value	120 MΩ to 1200 MΩ	0.51 x10 ⁻⁶ R +3.9 MΩ	Internal Procedure :GTS-ENWP-142	P/S
	Capacitance-Fluke 5560A C = Measured Capacitance value	0 pF to 1.2 nF	7.6 x 10 ⁻⁴ C +2.2 pF	Internal Procedure :GTS-ENWP-142	P/S
	Capacitance-Fluke 5560A C = Measured Capacitance value	>1.2 nF to 12 nF	7.2 x 10 ⁻⁴ C +8.3 pF	Internal Procedure :GTS-ENWP-142	P/S
	Capacitance-Fluke 5560A C = Measured Capacitance value	>12 nF to 120 nF	7.5 x 10 ⁻⁴ C +71 pF	Internal Procedure :GTS-ENWP-142	P/S
	Capacitance-Fluke 5560A C = Measured Capacitance value	>0.12 μF to 1.2 μF	7.5 x 10 ⁻⁴ C +0.72 nF	Internal Procedure :GTS-ENWP-142	P/S
	Capacitance-Fluke 5560A C = Measured Capacitance value	>1.2 μF to 12 μF	7.6 x 10 ⁻⁴ C +6.8 nF	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Capacitance-Fluke 5560A C = Measured Capacitance value	>12 μ F to 120 μ F	9.4 x 10-4 C +57 nF	Internal Procedure :GTS-ENWP-142	P/S
	Capacitance-Fluke 5560A C = Measured Capacitance value	>0.12 mF to 1.2 mF	1.5 x 10-3 C +0.91 μ F	Internal Procedure :GTS-ENWP-142	P/S
	Capacitance-Fluke 5560A C = Measured Capacitance value	>1.2 mF to 12 mF	1.6 x 10-3 C +8.4 μ F	Internal Procedure :GTS-ENWP-142	P/S
	Capacitance-Fluke 5560A C = Measured Capacitance value	>12 mF to 120 mF	3.5 x 10-3 C +80 μ F	Internal Procedure :GTS-ENWP-142	P/S
	Frequency-Fluke 5560A f = Measured Frequency value	0.01 Hz to 119.99 Hz	0.51 x 10-6 f +0.39 Hz	Internal Procedure :GTS-ENWP-142	P/S
	Frequency-Fluke 5560A f = Measured Frequency value	>120 Hz to 1199.9 Hz	5.4 x 10-6 f +0.4 Hz	Internal Procedure :GTS-ENWP-142	P/S
	Frequency-Fluke 5560A f = Measured Frequency value	>1.200 kHz to 11.999 kHz	1.7 x 10-5 f +1.2 Hz	Internal Procedure :GTS-ENWP-142	P/S
	Frequency-Fluke 5560A f = Measured Frequency value	>12.00 kHz to 119.99 kHz	1.8 x 10-5 f +11 Hz	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Frequency-Fluke 5560A f = Measured Frequency value	>120.00 kHz to 1199.9 kHz	$1.8 \times 10^{-5} f$ +0.12 kHz	Internal Procedure :GTS- ENWP-142	P/S
	Frequency-Fluke 5560A f = Measured Frequency value	>1.200 MHz to 2.000 MHz	$4.6 \times 10^{-6} f + 1.2$ kHz	Internal Procedure :GTS- ENWP-142	P/S
	Inductance - Fluke 5560A L = Measured Inductance value	13 μ H to 120 μ H	$1.4 \times 10^{-3} L$ +0.18 μ H	Internal Procedure :GTS- ENWP-142	P/S
	Inductance - Fluke 5560A L = Measured Inductance value	>0.12mH to 1.2 mH	$8.1 \times 10^{-4} L$ +1.1 μ H	Internal Procedure :GTS- ENWP-142	P/S
	Inductance - Fluke 5560A L = Measured Inductance value	>1.2 mH to 12 mH	$7.8 \times 10^{-4} L + 12$ μ H	Internal Procedure :GTS- ENWP-142	P/S
	Inductance - Fluke 5560A L = Measured Inductance value	>12 mH to 120 mH	$8.2 \times 10^{-4} L +$ 0.11 mH	Internal Procedure :GTS- ENWP-142	P/S
	Inductance - Fluke 5560A L = Measured Inductance value	>0.12 H to 1.2 H	$1.1 \times 10^{-3} L + 1.1$ mH	Internal Procedure :GTS- ENWP-142	P/S
	Inductance - Fluke 5560A L = Measured Inductance value	>1.2H to 12 H	$1.1 \times 10^{-3} L +$ 17 mH	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Inductance - Fluke 5560A L = Measured Inductance value	>12H to 120 H	$1.6 \times 10^{-3} L + 0.15 H$	Internal Procedure :GTS-ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	-80 to 260/Cu 10 (427)	0.24 °C	Internal Procedure :GTS-ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	-180 to 200/Cu 50 (428)	0.32 °C	Internal Procedure :GTS-ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	-180 to 40/Cu 100 (428)	0.31 °C	Internal Procedure :GTS-ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	40 to 200 /Cu 100 (428)	0.51 °C	Internal Procedure :GTS-ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	-80 to 0/Ni 120 (672)	0.06 °C	Internal Procedure :GTS-ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	0 to 100	0.07 °C	Internal Procedure :GTS-ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	100 to 260	0.12 °C	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	RTD - Simulation -Fluke 5560A	-200 to -80/Pt 100 (385)	0.04 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	-80 to 0	0.04 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	0 to 100	0.06 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	100 to 300	0.08 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	300 to 400	0.09 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	400 to 630	0.11 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	630 to 800	0.20 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	-200 to -190/Pt 100 (3916)	0.19 °C	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	RTD - Simulation -Fluke 5560A	-190 to -80	0.03 °C	Internal Procedure :GTS-ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	-80 to 0	0.04 °C	Internal Procedure :GTS-ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	0 to 100	0.05 °C	Internal Procedure :GTS-ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	100 to 260	0.06 °C	Internal Procedure :GTS-ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	260 to 300	0.07 °C	Internal Procedure :GTS-ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	300 to 400	0.08 °C	Internal Procedure :GTS-ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	400 to 600	0.09 °C	Internal Procedure :GTS-ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	600 to 630	0.20 °C	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	RTD - Simulation -Fluke 5560A	-200 to -80/Pt 100 (3926)	0.04 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	-80 to 0	0.04 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	0 to 100	0.06 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	100 to 300	0.08 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	300 to 400	0.09 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	400 to 630	0.11 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	-200 to -80/Pt 200 (385)	0.03 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	-80 to 0	0.03 °C	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	RTD - Simulation -Fluke 5560A	0 to 100	0.04 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	100 to 260	0.05 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	260 to 300	0.10 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	300 to 400	0.11 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	400 to 600	0.13 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	600 to 630	0.07 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	-200 to -80/Pt 500 (385)	0.03 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	-80 to 0	0.04 °C	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	RTD - Simulation -Fluke 5560A	0 to 100	0.04 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	100 to 260	0.06 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	260 to 300	0.07 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	300 to 400	0.07 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	400 to 600	0.09 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	600 to 630	0.11 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	-200 to -80/Pt 1000 (385)	0.02 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	-80 to 0	0.02 °C	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	RTD - Simulation -Fluke 5560A	0 to 100	0.03 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	100 to 260	0.05 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	260 to 300	0.06 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	300 to 400	0.07 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	400 to 600	0.07 °C	Internal Procedure :GTS- ENWP-142	P/S
	RTD - Simulation -Fluke 5560A	600 to 630	0.20 °C	Internal Procedure :GTS- ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple B	600 to 800/B	0.37 °C	Internal Procedure :GTS- ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple B	800 to 1000/B	0.29 °C	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Simulation Method - Fluke 5560A - Thermocouple B	1000 to 1550/B	0.28 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple B	1550 to 1820/B	0.31 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple C	0 to 150/C	0.20 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple C	150 to 650/C	0.18 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple C	650 to 1000/C	0.23 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple C	1000 to 1800/C	0.40 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple C	1800 to 2315/C	0.68 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple D	0 to 150/D	0.20 °C	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Simulation Method - Fluke 5560A - Thermocouple D	150 to 650/D	0.18 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple D	650 to 1000/D	0.23 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple D	1000 to 1800/D	0.39 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple D	1800 to 2315/D	0.67 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple E	-250 to -150/E	0.31 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple E	-150 to -25/E	0.11 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple E	-25 to 350/E	0.10 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple E	350 to 650/E	0.15 °C	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.O Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Simulation Method - Fluke 5560A - Thermocouple E	650 to 1000/E	0.19 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple G	0 to 150/G	0.39 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple G	150 to 650/G	0.28 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple G	650 to 1000/G	0.23 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple G	1000 to 1800/G	0.39 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple G	1800 to 2315/G	0.66 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple J	-210 to -100/J	0.19 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple J	-100 to -30/J	0.11 °C	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Simulation Method - Fluke 5560A - Thermocouple J	-30 to 150/J	0.10 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple J	150 to 760J	0.14 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple J	760 to 1200J	0.19 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple K	-200 to -100/K	0.22 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple K	-100 to -25/K	0.11 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple K	-25 to 120/K	0.10 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple K	120 to 1000/K	0.19 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple K	1000 to 1372/K	0.31 °C	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Simulation Method - Fluke 5560A - Thermocouple L	-200 to -100/L	0.24 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple L	-100 to 800/L	0.18 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple L	800 to 900/L	0.12 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple N	-200 to -100/N	0.33 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple N	-100 to -25/N	0.15 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple N	-25 to 120/N	0.12 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple N	120 to 410/N	0.11 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple N	410 to 1300/N	0.13 °C	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Simulation Method - Fluke 5560A - Thermocouple R	0 to 250/R	0.40 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple R	250 to 400/R	0.24 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple R	400 to 1000/R	0.24 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple R	1000 to 1767/R	0.32 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple S	0 to 250/S	0.33 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple S	250 to 1000/S	0.27 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple S	1000 to 1400/S	0.29 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple S	1400 to 1767/S	0.37 °C	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Simulation Method - Fluke 5560A - Thermocouple T	-250 to -150/T	0.46 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple T	-150 to 0/T	0.16 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple T	0 to 120/T	0.11 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple T	120 to 400/T	0.10 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple U	-200 to 0/U	0.31 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple U	0 to 600/U	0.11 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple BP	0 to 1000/BP	0.34 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple BP	1000 to 2000/BP	0.53 °C	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Simulation Method - Fluke 5560A - Thermocouple BP	2000 to 2500/BP	0.69 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple XK	-200 to 300/XK	0.17 °C	Internal Procedure :GTS-ENWP-142	P/S
	Simulation Method - Fluke 5560A - Thermocouple XK	300 to 800/XK	0.26 °C	Internal Procedure :GTS-ENWP-142	P/S
	Phase Shift – Generate (PF=1) 0-270° -Fluke 5560A	(3 to 65) Hz	Ø 0.1 °	Internal Procedure :GTS-ENWP-142	P/S
	Phase Shift – Generate (PF=1) 0-270° -Fluke 5560A	(65 to 500) Hz	Ø 0.2 °	Internal Procedure :GTS-ENWP-142	P/S
	Phase Shift – Generate (PF=1) 0-270° -Fluke 5560A	500 Hz to 1 kHz	Ø 0.4 °	Internal Procedure :GTS-ENWP-142	P/S
	Phase Shift – Generate (PF=1) 0-270° -Fluke 5560A	(1 to 5) kHz	Ø 1.9 °	Internal Procedure :GTS-ENWP-142	P/S
	Phase Shift – Generate (PF=1) 0-270° -Fluke 5560A	(5 to 10) kHz	Ø 3.9 °	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Phase Shift – Generate (PF=1) 0-270° -Fluke 5560A	(10 to 30) kHz	Ø 7.8 °	Internal Procedure :GTS-ENWP-142	P/S
	Phase Shift – Generate (PF=1) 0-270° -Fluke 5522A	(10 to 65) Hz	Ø 0.13°	Internal Procedure :GTS-ENWP-142	P/S
	Phase Shift – Generate (PF=1) 0-270° -Fluke 5522A	(65 to 500) Hz	Ø 0.3°	Internal Procedure :GTS-ENWP-142	P/S
	Phase Shift – Generate (PF=1) 0-270° -Fluke 5522A	(0.5 to 1.0) kHz	Ø 0.58°	Internal Procedure :GTS-ENWP-142	P/S
	Phase Shift – Generate (PF=1) 0-270° -Fluke 5522A	(1 to 5) kHz	Ø 2.9°	Internal Procedure :GTS-ENWP-142	P/S
	Phase Shift – Generate (PF=1) 0-270° -Fluke 5522A	(5 to 10) kHz	Ø 5.8°	Internal Procedure :GTS-ENWP-142	P/S
	Phase Shift – Generate (PF=1) 0-270° -Fluke 5522A	(10 to 30) Hz	Ø 12°	Internal Procedure :GTS-ENWP-142	P/S
	DMM6500- Measure -Thermocouple J - Simulation	0° to 760°C	0.25 °C	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	DMM6500- Measure -Thermocouple J- Simulation	-200° to <0°C	0.23 °C	Internal Procedure :GTS- ENWP-142	P/S
	DMM6500- Measure -Thermocouple K- Simulation	0° to 1372°C	0.27 °C	Internal Procedure :GTS- ENWP-142	P/S
	DMM6500- Measure -Thermocouple K- Simulation	-200° to <0°C	0.35 °C	Internal Procedure :GTS- ENWP-142	P/S
	DMM6500- Measure -Thermocouple N	0° to 1300°C	0.27 °C	Internal Procedure :GTS- ENWP-142	P/S
	DMM6500- Measure -Thermocouple N- Simulation	-200° to <0°C	0.58 °C	Internal Procedure :GTS- ENWP-142	P/S
	DMM6500- Measure -Thermocouple T- Simulation	0° to 400°C	0.24 °C	Internal Procedure :GTS- ENWP-142	P/S
	DMM6500- Measure -Thermocouple T- Simulation	-200° to <0°C	0.35 °C	Internal Procedure :GTS- ENWP-142	P/S
	DMM6500- Measure -Thermocouple E- Simulation	0° to 1000°C	0.25 °C	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	DMM6500- Measure -Thermocouple E-Simulation	-200° to <0°C	0.69 °C	Internal Procedure :GTS-ENWP-142	P/S
	DMM6500- Measure -Thermocouple R	600° to 1768°C	0.51 °C	Internal Procedure :GTS-ENWP-142	P/S
	DMM6500- Measure -Thermocouple R-Simulation	0° to <600°C	0.94 °C	Internal Procedure :GTS-ENWP-142	P/S
	DMM6500- Measure -Thermocouple S-Simulation	600° to 1768°C	0.51 °C	Internal Procedure :GTS-ENWP-142	P/S
	DMM6500- Measure -Thermocouple S-Simulation	0° to <600°C	0.94 °C	Internal Procedure :GTS-ENWP-142	P/S
	DMM6500- Measure -Thermocouple B-Simulation	1110° to 1820°C	0.52 °C	Internal Procedure :GTS-ENWP-142	P/S
	DMM6500- Measure -Thermocouple B-Simulation	350° to <1100°C	1.4 °C	Internal Procedure :GTS-ENWP-142	P/S
	RTD - Measure -DMM 6500	-200° to 850°C (2-wire)	0.95 °C	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	RTD - Measure -DMM 6500	-200° to 600°C (3-wire)	0.43°C	Internal Procedure :GTS-ENWP-142	P/S
	RTD - Measure -DMM 6500	>600° to 850°C (3-wire)	0.46°C	Internal Procedure :GTS-ENWP-142	P/S
	RTD - Measure -DMM 6500	-200° to 600°C (4-wire)	0.12°C	Internal Procedure :GTS-ENWP-142	P/S
	RTD - Measure -DMM 6500	>600° to 850°C (4-wire)	0.18°C	Internal Procedure :GTS-ENWP-142	P/S
	Capacitance - Measure -DMM 6500 C= Measured Capacitance	1 nF to 10 nF	1.5 x10-5 C +0.12 pF	Internal Procedure :GTS-ENWP-142	P/S
	Capacitance - Measure -DMM 6500 C= Measured Capacitance	10 nF to 100 nF	2.3 x10-6 C +7.9 pF	Internal Procedure :GTS-ENWP-142	P/S
	Capacitance - Measure -DMM 6500 C= Measured Capacitance	100 nF to 1 µF	2.3 x10-6 C +79 pF	Internal Procedure :GTS-ENWP-142	P/S
	Capacitance - Measure -DMM 6500 C= Measured Capacitance	1 µF to 10 µF	2.3 x10-6 C +0.79 nF	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Capacitance - Measure -DMM 6500 C= Measured Capacitance	10 μ F to 100 μ F	$2.3 \times 10^{-6} C + 7.9 \text{ nF}$	Internal Procedure :GTS-ENWP-142	P/S
	Frequency and Period - Measure - DMM 6500 f= Measured Frequency	3 Hz to 10 Hz / 100 mV to 750 V	$5.8 \times 10^{-5} f + 0.5 \mu\text{Hz}$	Internal Procedure :GTS-ENWP-142	P/S
	Frequency and Period - Measure - DMM 6500 f= Measured Frequency	>10 Hz to 100 Hz / 100 mV to 750 V	$5.8 \times 10^{-5} f + 13 \mu\text{Hz}$	Internal Procedure :GTS-ENWP-142	P/S
	Frequency and Period - Measure - DMM 6500 f= Measured Frequency	>100 Hz to 1 kHz / 100 mV to 750 V	$5.8 \times 10^{-5} f + 0.13 \text{ mHz}$	Internal Procedure :GTS-ENWP-142	P/S
	Frequency and Period - Measure - DMM 6500 f= Measured Frequency	>1 kHz to 300 kHz / 100 mV to 750 V	$5.87 \times 10^{-5} f + 0.28 \text{ kHz}$	Internal Procedure :GTS-ENWP-142	P/S
	Thermistor- Measure - 2-wire DMM 6500	-80° to 150°C	0.1 °C	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	0.0 mV to 10.0 mV / 1Hz-40Hz	$6.8 \times 10^{-4} U + 0.15 \text{ nV}$	Internal Procedure :GTS-ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	0.0 mV to 10.0 mV / >40Hz-1kHz	$2.5 \times 10^{-4} U + 0.29 \text{ nV}$	Internal Procedure :GTS-ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	0.0 mV to 10.0 mV / >1kHz- 20kHz	$3.3 \times 10^{-4} U + 0.22 \text{ nV}$	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	0.0 mV to 10.0 mV / >20kHz- 50kHz	$8.8 \times 10^{-4} U + 0.08 \text{ nV}$	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	0.0 mV to 10.0 mV / >50 kHz to 100 kHz	$4.0 \times 10^{-3} U + 0.02 \text{ nV}$	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	0.0 mV to 10.0 mV / >100 kHz to 300 kHz	$3.2 \times 10^{-2} U + 2.0 \text{ pV}$	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>10 mV to 100 mV/ 1Hz-40Hz	$1.1 \times 10^{-4} U + 0.07 \text{ nV}$	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>10 mV to 100 mV/ >40Hz-1kHz	$2.5 \times 10^{-4} U + 0.29 \text{ nV}$	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>10 mV to 100 mV/ >1kHz- 20kHz	$1.4 \times 10^{-4} U + 0.05 \text{ nV}$	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>10 mV to 100 mV/ >20kHz- 50kHz	$2.6 \times 10^{-4} U + 0.03 \text{ nV}$	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>10 mV to 100 mV/ >50 kHz to 100 kHz	$6.5 \times 10^{-4} \text{ U} +$ 0.01 nV	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>10 mV to 100 mV/ >100 kHz to 300 kHz	$2.5 \times 10^{-3} \text{ U} +$ 3.0 pV	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>10 mV to 100 mV/ >300 kHz to 1.0 MHz	$7.9 \times 10^{-3} \text{ U} +$ 0.92 pV	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>10 mV to 100 mV/ >1.0 MHz to 2.0 MHz	$1.2 \times 10^{-2} \text{ U} +$ 0.62 pV	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>100 mV to 1.0 V / 1Hz-40Hz	$1.1 \times 10^{-4} \text{ U} +$ 0.71 nV	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>100 mV to 1.0 V / >40Hz-1kHz	$9.1 \times 10^{-5} \text{ U} +$ 0.8 nV	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>100 mV to 1.0 V / >1kHz-20kHz	$1.4 \times 10^{-4} \text{ U} +$ 0.53 nV	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>100 mV to 1.0 V / >20kHz-50kHz	$2.6 \times 10^{-4} \text{ U} +$ 0.29 nV	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>100 mV to 1.0 V / >50 kHz to 100 kHz	$6.5 \times 10^{-4} \text{ U} +$ 0.12 nV	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>100 mV to 1.0 V / >100 kHz to 300 kHz	$2.5 \times 10^{-3} \text{ U} +$ 0.03 nV	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>100 mV to 1.0 V / >300 kHz to 1.0 MHz	$7.9 \times 10^{-3} \text{ U} +$ 9.0 pV	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>100 mV to 1.0 V / >1.0 MHz to 2.0 MHz	$1.2 \times 10^{-2} \text{ U} +$ 6.0 pV	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>1.0 V to 10.0 V / 1Hz-40Hz	$1.1 \times 10^{-4} \text{ U} +$ 7 nV	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>1.0 V to 10.0 V / >40Hz-1kHz	$9.1 \times 10^{-5} \text{ U} +$ 0.8 nV	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>1.0 V to 10.0 V / >1kHz-20kHz	$1.4 \times 10^{-4} \text{ U} +$ 5.3 nV	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>1.0 V to 10.0 V / >20kHz-50kHz	$2.6 \times 10^{-4} \text{ U} +$ 2.8 nV	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>1.0 V to 10.0 V / >50 kHz to 100 kHz	$6.5 \times 10^{-4} \text{ U} +$ 1.2 nV	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>1.0 V to 10.0 V / >100 kHz to 300 kHz	$2.5 \times 10^{-3} \text{ U} +$ 0.3 nV	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>1.0 V to 10.0 V / >300 kHz to 1.0 MHz	$7.9 \times 10^{-3} \text{ U} +$ 0.1 pV	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>1.0 V to 10.0 V / >1.0 MHz to 2.0 MHz	$1.2 \times 10^{-2} \text{ U} +$ 0.1 pV	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>10 V to 100 V 1Hz-40Hz	$1.9 \times 10^{-4} \text{ U}$ $+0.04 \text{ } \mu\text{V}$	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>10 V to 100 V >40Hz-1kHz	$1.8 \times 10^{-4} \text{ U}$ $+0.04 \text{ } \mu\text{V}$	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>10 V to 100 V >1kHz-20kHz	$1.8 \times 10^{-4} \text{ U}$ $+0.04 \text{ } \mu\text{V}$	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>10 V to 100 V >20kHz-50kHz	$2.9 \times 10^{-4} \text{ U}$ $+0.03 \text{ } \mu\text{V}$	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>10 V to 100 V >50 kHz to 100 kHz	$9.6 \times 10^{-4} U + 8$ nV	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>10 V to 100 V >100 kHz to 300 kHz	$3.2 \times 10^{-3} U$ +2.3 nV	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>10 V to 100 V >300 kHz to 1.0 MHz	$1.2 \times 10^{-2} U$ +0.62 nV	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>100 V to 1000 V 1Hz-40Hz	$3.5 \times 10^{-4} U$ +0.21 μ V	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>100 V to 1000 V >40Hz-1kHz	$3.4 \times 10^{-4} U$ +0.22 μ V	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>100 V to 1000 V >1kHz-20kHz	$4.9 \times 10^{-4} U$ +0.15 μ V	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>100 V to 1000 V >20kHz-50kHz	$9.6 \times 10^{-6} U$ +0.076 μ V	Internal Procedure :GTS- ENWP-142	P/S
	AC Voltage-Measure -Fluke 3458A U = Measured voltage value	>100 V to 1000 V >50 kHz to 100 kHz	$2.4 \times 10^{-3} U$ +0.031 μ V	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	DC Voltage-Measure -Fluke 3458A U = Measured voltage value	0 V to 100 mV	$5.9 \times 10^{-5} U + 12$ nV	Internal Procedure :GTS- ENWP-142	P/S
	DC Voltage-Measure -Fluke 3458A U = Measured voltage value	>100 mV to 1.0 V	$5.7 \times 10^{-5} U$ +0.012 nV	Internal Procedure :GTS- ENWP-142	P/S
	DC Voltage-Measure -Fluke 3458A U = Measured voltage value	>1.0 V to 10 V	$5.8 \times 10^{-5} U$ +0.13 nV	Internal Procedure :GTS- ENWP-142	P/S
	DC Voltage-Measure -Fluke 3458A U = Measured voltage value	>10 V to 100 V	$5.9 \times 10^{-5} U + 1.3$ nV	Internal Procedure :GTS- ENWP-142	P/S
	DC Voltage-Measure -Fluke 3458A U = Measured voltage value	100 to 1000 V	$5.9 \times 10^{-5} U + 13$ nV	Internal Procedure :GTS- ENWP-142	P/S
	DC Current --Measure -Fluke 3458A I = Measured Current value	0 μ A to 100 nA	3.4×10^{-4} I+0.21 pA	Internal Procedure :GTS- ENWP-142	P/S
	DC Current --Measure -Fluke 3458A I = Measured Current value	>0.1 μ A to 1 μ A	$7.5 \times 10^{-5} I + 0.1$ pA	Internal Procedure :GTS- ENWP-142	P/S
	DC Current --Measure -Fluke 3458A I = Measured Current value	>1 μ A to 10 μ A	$6.3 \times 10^{-5} I +$ 0.012 pA	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	DC Current --Measure -Fluke 3458A I = Measured Current value	>10 μ A to 100 μ A	6.2 x 10 ⁻⁵ I+ 0.12 pA	Internal Procedure :GTS- ENWP-142	P/S
	DC Current --Measure -Fluke 3458A I = Measured Current value	>0.1 mA to 1 mA	6.1 x 10 ⁻⁵ I+ 1.2 pA	Internal Procedure :GTS- ENWP-142	P/S
	DC Current --Measure -Fluke 3458A I = Measured Current value	1 mA to 10 mA	6.1 x 10 ⁻⁵ I+ 12 pA	Internal Procedure :GTS- ENWP-142	P/S
	DC Current --Measure -Fluke 3458A I = Measured Current value	>10 mA to 100 mA	6.6 x 10 ⁻⁵ I+ 0.1 nA	Internal Procedure :GTS- ENWP-142	P/S
	DC Current --Measure -Fluke 3458A I = Measured Current value	>0.1 A to 1 A	1.1 x 10 ⁻⁴ I+ 0.67 nA	Internal Procedure :GTS- ENWP-142	P/S
	AC Current-Measure -Fluke 3458A I = Measured Current value	0 μ A to 100 μ A / 10 Hz to 5 kHz	0.69 x 10 ⁻³ I+ 30 nA	Internal Procedure :GTS- ENWP-142	P/S
	AC Current-Measure -Fluke 3458A I = Measured Current value	>0.10 mA to 1.0 mA / 10 Hz to 50 kHz	0.35 x 10 ⁻³ I+ 0.2 μ A	Internal Procedure :GTS- ENWP-142	P/S
	AC Current-Measure -Fluke 3458A I = Measured Current value	>1.0 mA to 10 mA / 10 Hz to 100 kHz	0.35 x 10 ⁻³ I+ 2 μ A	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	AC Current-Measure -Fluke 3458A I = Measured Current value	$>(10 \text{ to } 100) \text{ mA} /$ $10 \text{ Hz to } 100 \text{ kHz}$	$0.35 \times 10^{-3} \text{ I} + 20$ μA	Internal Procedure :GTS- ENWP-142	P/S
	AC Current-Measure -Fluke 3458A I = Measured Current value	$>(0.10 \text{ to } 1.0) \text{ A} /$ $10 \text{ Hz to } 50 \text{ kHz}$	$1.2 \times 10^{-3} \text{ I} + 0.2$ mA	Internal Procedure :GTS- ENWP-142	P/S
	Resistance-Measure -Fluke 3458A R = Measured Resistance value	$0 \Omega \text{ to } 10 \Omega$	$5.9 \times 10^{-5} \text{ R} + 12$ $\mu\Omega$	Internal Procedure :GTS- ENWP-142	P/S
	Resistance-Measure -Fluke 3458A R = Measured Resistance value	$>10 \Omega \text{ to } 100 \Omega$	$5.9 \times 10^{-5} \text{ R}$ $+0.12 \mu\Omega$	Internal Procedure :GTS- ENWP-142	P/S
	Resistance-Measure -Fluke 3458A R = Measured Resistance value	$>0.1 \Omega \text{ to } 1 \text{ k}\Omega$	$5.8 \times 10^{-5} \text{ R} + 1.3$ $\mu\Omega$	Internal Procedure :GTS- ENWP-142	P/S
	Resistance-Measure -Fluke 3458A R = Measured Resistance value	$>1 \text{ k}\Omega \text{ to } 10 \text{ k}\Omega$	$5.8 \times 10^{-5} \text{ R} + 13$ $\mu\Omega$	Internal Procedure :GTS- ENWP-142	P/S
	Resistance-Measure -Fluke 3458A R = Measured Resistance value	$>10 \text{ k}\Omega \text{ to } 100 \text{ k}\Omega$	$5.8 \times 10^{-5} \text{ R}$ $+0.13 \text{ m}\Omega$	Internal Procedure :GTS- ENWP-142	P/S
	Resistance-Measure -Fluke 3458A R = Measured Resistance value	$>0.1 \text{ M}\Omega \text{ to } 1 \text{ M}\Omega$	$6.8 \times 10^{-5} \text{ R} + 1.1$ $\text{m}\Omega$	Internal Procedure :GTS- ENWP-142	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Resistance-Measure -Fluke 3458A R = Measured Resistance value	>1 MΩ to 10 MΩ	8.9 x10-5 R +8.2 mΩ	Internal Procedure :GTS- ENWP-142	P/S
	Resistance-Measure -Fluke 3458A R = Measured Resistance value	>10 MΩ to 100 MΩ	3.5 x10-3 R +2.1 mΩ	Internal Procedure :GTS- ENWP-142	P/S
	Resistance-Measure -Fluke 3458A R = Measured Resistance value	>0.1 GΩ to 1 GΩ	5.3 x10-3 R +14 mΩ	Internal Procedure :GTS- ENWP-142	P/S
	Frequency-Measure -Fluke 3458A f = Measured Frequency value	0.01 Hz to 40 Hz	4.0 x 10-4 f +0.17 μHz	Internal Procedure :GTS- ENWP-142	P/S
	Frequency-Measure -Fluke 3458A f = Measured Frequency value	>40 Hz to 1 MHz	7.9x 10-3 f +0.43 nHz	Internal Procedure :GTS- ENWP-142	P/S
	DC High Voltage -Measure-using Fluke 3458 A/ 80K-40	1 to 40 kV	5.9 x 10-5 U +13 V	Internal Procedure :GTS- ENWP-142	P/S
	AC High Voltage -Measure -using Fluke 3458 A/ 80K-40	1 to 40 kV/ 50-60 Hz	2.5 x 10-4 U + 0.29 V	Internal Procedure :GTS- ENWP-142	P/S
	Vibration chamber -	1 ms-2 to 10 ms- 2 / 15.9 to 636.6 Hz	0.0002	Internal Procedure :GTS- ENWP-293	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Vibration meter	1 ms-2 to 10 ms-2 / 15.9 to 636.6 Hz	0.00015	Internal Procedure :GTS-ENWP-195	P/S
	Rotational Speed measuring instruments-Contact -(Tachometer /Stroboscope/Speed measurement)	0 to 500 rpm	(0.6 +0.001 S) rpm ; where "S" in rpm	Internal Procedure :GTS-ENWP-69	P/S
	Rotational Speed measuring instruments-Contact -(Tachometer /Stroboscope/Speed measurement)	(500 to 999) rpm	0.32 % of reading.	Internal Procedure :GTS-ENWP-69	P/S
	Rotational Speed measuring instruments-Contact -(Tachometer /Stroboscope/Speed measurement)	(1000 to 3600) rpm	0.016 rpm + 0.004 %	Internal Procedure :GTS-ENWP-69	P/S
	Rotational Speed measuring instruments-Contact -(Tachometer /Stroboscope/Speed measurement)	(3600 to 24 000) rpm	0.21 rpm + 0.0004 %	Internal Procedure :GTS-ENWP-69	P/S
	Rotational Speed measuring instruments-Photo mode (Centrifuge / stirrer / Motor /orbital shaker / plate shaker-Non Contact rotation Instrument)	0 to 999 rpm	0.94 rpm	Internal Procedure :GTS-ENWP-98	P/S
	Rotational Speed measuring instruments-Photo mode (Centrifuge / stirrer / Motor /orbital shaker / plate shaker-Non Contact rotation Instrument)	(1000 to 90 000) rpm	0.32 % of reading	Internal Procedure :GTS-ENWP-98	P/S
	Time measurement	10 ns to 1s	60 μS/S	Internal Procedure :GTS-ENWP-162	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Frequency measurement	0.1 Hz to 3.5 GHz	2.1 μ Hz + 0.0002 %	Internal Procedure :GTS-ENWP-142	P/S
	Stopwatches, Hours meters & Timers	0 to 7200 s	2.6 ms	Internal Procedure :GTS-ENWP-45	P/S
	Stopwatches, Hours meters & Timers	>7200 s to 32 768 s	5.5 ms	Internal Procedure :GTS-ENWP-45	P/S
	Sound Level Meter -Measure	94 dB & 114 dB /1 kHz	0.24 dB	Internal Procedure :GTS-ENWP-32	P/S
	Sound Level Calibrator -Comparison	94 dB & 114 dB /1 kHz	0.21dB	Internal Procedure :GTS-ENWP-32	P/S
	Welding Machine -DC Voltage – Measure	(20 to 80) V	0.33 V	Internal Procedure :GTS-ENWP-76	P/S
	Welding Machine-AC Voltage – Measure	(20 to 80) V	0.34 V	Internal Procedure :GTS-ENWP-76	P/S
	Welding Machine-DC Current – Measure	1 A to 2000 A	2.1 A	Internal Procedure :GTS-ENWP-76	P/S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025

Expiry Date: 01/09/2028

Issue No: 1

	Welding Machine-AC Current – Measure	1 A to 2000 A	2.3 A	Internal Procedure :GTS- ENWP-76	P/S
	Magnetometers/ Gaussmeters (Positive and Negative Polarity)	10 , 20, -20 , 50 Gauss	0.85 Gauss	Internal Procedure :GTS- ENWP-77	P/S
	Irradiance – UV-A meters (Radio meters)	(>200 to 1000) $\mu\text{W}/\text{cm}^2$	2.4%	Internal Procedure :GTS- ENWP-350	P/S
	Irradiance – UV-A meters (Radio meters)	(>1000 to 4000) $\mu\text{W}/\text{cm}^2$	0.017	Internal Procedure :GTS- ENWP-350	P/S
	Light Meters – Visible Light (Luxmeter)	(20 to 60000) lux	0.0025	Internal Procedure :GTS- ENWP-109	P/S
	Refractive Index – Refractometers	(5 to 91.75)° Brix	0.02° Brix + 0.012 %	Internal Procedure :GTS- ENWP-296	P/S
	Optical Density Meter	0- 4.5 OD	± 0.02	Internal Procedure :GTS- ENWP-353	P/S
	Optical Density Meter	4.5 - 4.94 OD	± 0.04	Internal Procedure :GTS- ENWP-353	P/S
END					

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

GENERAL CONST. LAB. CALIBRATION LLC, NAL 240
Calibration Laboratory, (ISO/IEC 17025:2017)

P.o Box 25898 , Sharjah, United Arab Emirates, Sharjah, United Arab Emirates

Issue Date: 02/09/2025
Issue No: 1

Expiry Date: 01/09/2028

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.