

شهادة اعتماد

رقم 018 CL



يقر نظام الاعتماد العراقي بأن:

مختبر نايا للخدمات الهندسية والتدريب

العراق - البصرة - القبلة شارع الوفود

تم اعتماده وفقا لمتطلبات المواصفة ISO/IEC 17025:2017
(المتطلبات العامة لاهلية مختبرات الفحص والمعايرة)

في مجال:

- معايرة درجة الحرارة
- معايرة الضغط
- معايرة الكتلة
- معايرة الحجم
- معايرة الجريان
- معايرة الصلادة
- معايرة الابعاد
- معايرة الكهرباء
- معايرة الزمن والتردد
- معايرة القوة
- معايرة اللزوجة

شرط التوافق مع متطلبات المواصفة اعلاه ومتطلبات IQAS الخاصة بالاعتماد
مجال الاعتماد المرفق بالشهادة يعتبر جزءا لا يتجزء منها
يمكن الحصول على الاصدار الاحدث من مجال الاعتماد من خلال الموقع الالكتروني

<https://iqas.mop.gov.iq>

يكون الاعتماد نافذا من 2025/10/28 الى 2027/10/27

تاريخ منح الاعتماد لأول مرة

2025/10/28

لقتن

أ.د. محمد علي تميم
نائب رئيس مجلس الوزراء
وزير التخطيط

محمدين

محمد أيمن عمر
مدير عام الهيئة/ وكالة

Ministry of planning
Iraqi Organization for Accreditation
IQAS

ACCREDITATION CERTIFICATE

No. CL 018



Iraqi Accreditation System Certify that:

Naya for Engineering Services and Training Laboratory

Iraq- Basra- Qibla- Al-Wufud Street

Is accredited according to the requirements of the standard ISO/IEC17025:2017
(General Requirements for the Competence of Testing and Calibration Laboratories)

In the field of:

- Temperature Calibration
- Pressure Calibration
- Mass Calibration
- Volume Calibration
- Flow Calibration
- Hardness Calibration
- Dimensional Calibration
- Electricity Calibration
- Time & Frequency Calibration
- Force Calibration
- Viscosity Calibration

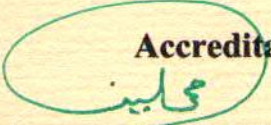
This accreditation is subject to with the above standard & IQAS requirements
The scope of accreditation is attached to the certificate & considered as part of it

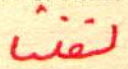
The most recent issue of the accreditation scope is available on IQAS website

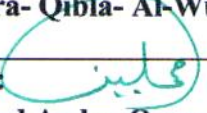
<https://iqas.mop.gov.iq>

Accreditation is valid From 28/10/2025 To 27/10/2027

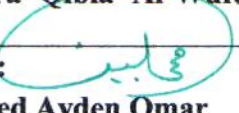
Initial accreditation date
28/10/2025


Mohammed Ayden Omar
Director General of IQAS


Dr. Mohammed Ali Tamim
Deputy Prime Minister
Minister of Planning

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq- Basra- Qibla- Al-Wufud Street	Organization name: Naya for Engineering Services and Training Laboratory	Accreditation no.: CL 018
Signature:  Mohammed Ayden Omar Director General of IQAS	Accreditation is valid: From 28/10/2025 To 27/10/2027	Issue no.: 001

Calibration Field	Type of instrument or material to be calibrated or measured	Measured or reference material	Calibration Method	Measurement Range	Uncertainty (±)	Location
Force	Force gauges	Using slip gauge set, optical parallel and optical flat	ASTM E4 and ISO 7500-1	0 mm to 150 mm	1.5 µm	Lab & Costumer premises
Force	(Torque Wrench / Torque Device or Meter)4	Using Precision Torque Transducers and CDI Torque Calibrator	ASTM E4 and ISO 7500-1	40 lbf·in to 50 lbf·in 30 lbf·in to 400 lbf·in 80 lbf·in to 1000 lbf·in 20 lbf·in to 250 lbf·ft 60 lbf·in to 600 lbf·ft	0.39 % 0.42 % 0.39 % 0.34 % 0.50 %	Lab & Costumer premises
Force	Crane scales	Dynamometers Standard weight	ASTM E4 and ISO 7500-1	0 ... 1000 kg 0 ... 2000 kg 0 ... 3000 kg 0 ... 4000 kg 0 ... 5000 kg 0 ... 50000 kg	1%	Lab & Costumer premises
Force	Load links and Load cells	Dynamometers Standard weight	ASTM E4 and ISO 7500-1	250kg to 500 tones	±0.010% in pounds mass(lbm)	Lab & Costumer premises
Force	Compression force transducers Tension/compression force transducers Bending beams/shear beams Load pins Tension links Ring force transducers Accessories – force Inclination sensors	Dynamometers Standard weight	ASTM E4 and ISO 7500-1	5 N ... 5 kN 5 kN ... 100 kN From 100 kN	0.01/0.02/0.03 % 0.1 % 0.15 % 0.2 % 0.5 %	Lab & Costumer premises
Force	In-line load cell	Dynamometers	ASTM E4	5 N ... 5 kN	0.01/0.02/0.03 %	Lab &

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq- Basra- Qibla- Al-Wufud Street	Organization name: Naya for Engineering Services and Training Laboratory	Accreditation no.: CL 018
Signature:  Mohammed Ayden Omar Director General of IQAS	Accreditation is valid: From 28/10/2025 To 27/10/2027	Issue no.: 001

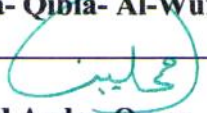
	Load button load cell beam load cell Thru-hole load cells Side-mounted load cells Column Load Cells Pancake load cells Flat plate load cell	Standard weight	and ISO 7500-1	5 kN ... 100 kN From 100 kN	3 % 0.1 % 0.15 % 0.2 % 0.5 %	Costumer premises
	Compression Force	Using Load Cell with Indicator by Comparison Method as per SOP: CP-MH-02	ASTM E4 and ISO 7500-1	10 kN to 3000 kN	0.29 %	Lab & Costumer premises
Hardness	Micro-hardness Vickers Knoop Rockwell Rockwell scales C, B, A and E Superficial Rockwell to 15, 30, 45 N&T Scales Vickers & Knoop Brinell Durometer testers Leeb testers	- Hardness Test Blocks - Vickers Micro indentation	ASTM D2240 ASTM E92 EN ISO 6508	0.25 gf TO 62.5 kgf 20 gf – 10 kgf 10gf to 1kgf	0,1 µm to + 1,3 µm f + 0,6 µm TO ± 0,7 µm	Lab & Costumer premises
MASS	Weighbridge Balance Beam balances Spring balances Electronic balances	Using M2-3, Class Weights, SOP: CP-M-05	ASTM E617 Class 1,2,&3	2000 kg to 60000 kg 5000 kg 2000 kg	18 kg	Lab & Costumer premises
Pressure	Pneumatic Pressure (Pneumatic Pressure and Vacuum Gauge	Fluke 2700G–BG3.5M Reference Pressure Gauge	ASTM E2744-16e1	–10 psi to –0.01 psi 0.01 psi to 500 psi –1 bar to –0.001	0.04 % 0.04 % 0.04 % 0.04 %	Lab & Costumer premises

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq- Basra- Qibla- Al-Wufud Street	Organization name: Naya for Engineering Services and Training Laboratory	Accreditation no.: CL 018
Signature:  Mohammed Ayden Omar Director General of IQAS	Accreditation is valid: From 28/10/2025 To 27/10/2027	Issue no.: 001

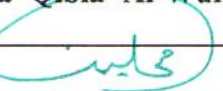
	(Dial/Digital) and Recorder / Pressure transducer			bar 0.001 bar to 50 bar		
Pressure	Hydraulic Pressure (Pressure Gauge (Dial / Digital) and Recorder / Pressure Transducer)4	Fluke RPM4-E-DWT Electronic Dead Weight Tester	ASTM E2744-16e1	LP: 0.001 kPa to 7020 kPa HP: 1 kPa to 100040 kPa	0.04 % 0.04 %	Lab & Costumer premises
Pressure	Pressure Gauge (Pneumatic)4	Fluke 700P08 Pressure Module with Fluke 525B display	ASTM E2744-16e1	200 psi to 1000 psi	0.9 %	Lab & Costumer premises
Pressure	Analogue and Digital Pressure Gauges	DHI Model RPM 4 Electronic DWT	ASTM E2744-16e1	0.1 psi to 10,000 psi	0.14 %	Lab & Costumer premises
Pressure	Pressure Gauges, Pressure Calibrators, Pressure Switches, Pressure Transmitters, Pressure Relief Valve	Using Pressure Calibrator, Dead Weight Tester by Direct / Comparison Method as per SOP: CP-P-01, 02,03, 04, 07	ASTM E2744-16e1	0.58 bar to 7 bar 7 bar to 70 bar 70 bar to 700 bar 700 bar to 4000 bar	0.030 % 0.036 % 0.031 % 2.5 %	Lab & Costumer premises
Pressure	Low Pressure (Pneumatic), Low pressure Gauge, Low pressure Calibrator, Magnetic Gauge, Low Pressure Transmitter	Using Low Pressure Calibrator by Comparison Method as per SOP: CP-P-06	ASTM E2744-16e1	-2000 mmH2O to -1 mmH2O 1 mmH2O to 2000 mmH2O	0.15 % 0.15 %	Lab & Costumer premises
Pressure	Absolute Pressure (Pneumatic)	Using Absolute Pressure Calibrator by	ASTM E2744-16e1	200 mbar to 2000 mbar	0.037 %	Lab & Costumer premises

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq- Basra- Qibla- Al-Wufud Street	Organization name: Naya for Engineering Services and Training Laboratory	Accreditation no.: CL 018
Signature:  Mohammed Ayden Omar Director General of IQAS	Accreditation is valid: From 28/10/2025 To 27/10/2027	Issue no.: 001

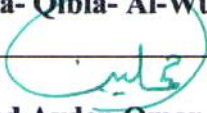
	Absolute Pressure Gauge, Manometer, Barometer, Pressure Calibrators, Pressure Transmitters	Comparison Method as per SOP: CP-P-05 for Barometer, CP-P-06 for Manometer, CP-P-02 for Pressure/Vacuum Calibrator, CP-P-03 for Pressure/Vacuum Transmitter				
Pressure	Dial Vacuum Gauges, Digital Vacuum Gauges, Digital Vacuum Calibrators, Vacuum Switches, Vacuum, Transmitters	Using Pressure Calibrator, by Comparison Method as per SOP: CP-P-01 for Pressure/Vacuum Gauges, CP-P-02 for Pressure/Vacuum Calibrator, CP-P-03 for Pressure/Vacuum Transmitter, CP-P-06 for Pressure/Vacuum Switch	ASTM E2744-16e1	-1 mbar to -0.9 bar	0.18 %	Lab & Costumer premises
Dimensional	Vernier Caliper Micrometer Dial Indicator Coordinate Measuring Machine (CMM) Height Gauge Optical Comparator Feeler Gauge	Gauge Blocks Ring Gauges Plug Gauges Thread Gauges Optical Comparators Coordinate Measuring Machines Surface Roughness	ASTM D4546-21 ANSI/NC SL Z540-1-1994 (R2002)	Up to 1,000 mm for most instruments, and up to 2,500 mm for calipers and micrometers.	5.6 µm 5.8 µm 14 µm 10 µm 2.4 µm 3 µm 1.5 µm 12 µm 3.1 µm 5.8 µm	Lab & Costumer premises

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq- Basra- Qibla- Al-Wufud Street	Organization name: Naya for Engineering Services and Training Laboratory	Accreditation no.: CL 018
Signature:  Mohammed Ayden Omar Director General of IQAS	Accreditation is valid: From 28/10/2025 To 27/10/2027	Issue no.: 001

	Laser Distance Meter Ring Gauge Radius Gauge Thread Pitch Gauge Vision – based measurements Instrument	Testers			8 µm	
Electricity	DC Voltage Generate 4,5	Fluke 754 Multi– function Calibrator by Direct Method	IEC TS 62786– 41:2023	-300.000 mV to -0.0001 mV 0.0001 mV to 300.000 mV -3.000000 V to - 0.3000 mV 0.3000 mV to 3.00000 V -30.00000 V to - 3.000000 V 3.000000 V to 30.00000 V -300.0000 V to - 30.00000 V 30.00000 V to 300.0000 V -1000.000 V to - 300.0000 V 300.0000 V to 1000.000 V	0.010 % 0.010 % 0.010 % 0.010 % 0.02 % 0.02 % 0.010 % 0.010 % 0.010 % 0.010 % 0.010 %	Lab & Costumer premises
Electricity	DC Current Generate 4,5	Fluke 754 Multi– function Calibrator by Direct Method	IEC TS 62786– 41:2023	-300.000 µA to -0.001 µA 0.001 µA to 300.000 µA -3.00000 mA to -0.3 mA 0.3 mA to 3.00000 mA -30.0000 mA to -3 mA 3 mA to	0.03 % 0.03 % 0.07 % 0.07 % 0.03 % 0.03 % 0.02 % 0.02 % 0.3 % 0.3 %	Lab & Costumer premises

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq- Basra- Qibla- Al-Wufud Street	Organization name: Naya for Engineering Services and Training Laboratory	Accreditation no.: CL 018
Signature:  Mohammed Ayden Omar Director General of IQAS	Accreditation is valid: From 28/10/2025 To 27/10/2027	Issue no.: 001

				30.0000 mA -300.000 mA to -30 mA 30 mA to 300.000 mA -20.0000 A to - 0.3 A 0.3 A to 20.0000 A		
Electricity	AC Voltage Generate4,5	Fluke 754 Multi- function Calibrator by Direct Method	IEC TS 62786- 41:2023	1 mV to 32.9999 V (10 Hz to 100 kHz) 33 V to 329.999 V (45 Hz to 100 kHz) 330 V to 1000 V (45 Hz to 10 kHz)	0.19 % 0.29 % 0.037 %	Lab & Costumer premises
Electricity	AC Current Generate4,5	Fluke 754 Fluke 82 Power supply HART 475	IEC TS 62786- 41:2023	100 A to 0.32999 A (10 Hz to 30 kHz) 0.33 A to 2.99999 A (10 Hz to 10 kHz) 3 A to 20 A (45 Hz to 5 kHz)	0.24 % 0.26 % 0.2 %	Lab & Costumer premises
Electricity	AC Current Generate4,5	Fluke 754 Fluke 82 Power supply HART 475	IEC TS 62786- 41:2023	20.0000 A to 1000.00 A (45 Hz to 400 Hz)	1.3 %	Lab & Costumer premises
	Primary Photovoltaic Reference Cells –	Fluke 754 Fluke 9144 Fluke 82	ASTM E1125 with:	(0.1 to 200) mA	0.40 %	Lab & Costumer premises

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq- Basra- Qibla- Al-Wufud Street	Organization name: Naya for Engineering Services and Training Laboratory	Accreditation no.: CL 018
Signature:  Mohammed Ayden Omar Director General of IQAS	Accreditation is valid: From 28/10/2025 To 27/10/2027	Issue no.: 001

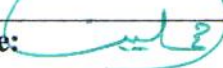
	DC Curren	Power supply HART 475 Fluke 707	Agilent 34401, precision resistor			
	Photovoltaic Reference Cells – DC Voltage DC Current Power Area	Fluke 754	ASTM E948, IEC 60904-1 (Sec. 4) with: Agilent 34410 Agilent 34410 precision resistor Agilent 34410 Nikon- NEXIV	(0.1 to 40) V 1 mA to 15 A 1 mW to 600 W (0.5 to 0.5) cm to (20 to 20) cm	0.26 % 0.57 % 0.61 % 0.06 %	Lab & Costumer premises
	Vacuum cleaners and water-suction cleaning appliance Electric irons Stationary cooking ranges, hobs, ovens and similar appliances Deep fat fryers, frying pans and similar appliances Kitchen machines Appliances for heating liquids Storage water heaters Microwave ovens, including combination microwave ovens	Fluke 754 Fluke 9144 Fluke 82 Power supply HART 475 Fluke 707	IEC 60335	As all Appliance ranges		Lab & Costumer premises

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq- Basra- Qibla- Al-Wufud Street	Organization name: Naya for Engineering Services and Training Laboratory	Accreditation no.: CL 018
Signature: Mohammed Ayden Omar Director General of IQAS	Accreditation is valid: From 28/10/2025 To 27/10/2027	Issue no.: 001

	Battery chargers Room heaters Range hoods Motor-compressors Instantaneous water heaters Transformers for switch mode power Supplies Auto-transformers for general use Constant voltage transformers Transformers for class III hand lamps for tungsten filament lamps Bell and chime transformers Safety isolating transformers for general use Isolating transformers for general use Control transformers					
	DC Resistance Generate 4,5	Cropico MTS 1A Milliohmmeter Test Standards		1 mΩ 10 mΩ 100 mΩ 1 Ω 1.9 Ω 10 Ω 19 Ω 100 Ω 1 kΩ 10 kΩ	0.24 % 0.24 % 0.012 % 0.012 % 0.012 % 0.012 % 0.012 % 0.012 % 0.012 % 0.012 %	Lab & Costumer premises
	DC Resistance	Megger CB101		10 MΩ	2.3 %	Lab &

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq- Basra- Qibla- Al-Wufud Street	Organization name: Naya for Engineering Services and Training Laboratory	Accreditation no.: CL 018
Signature:  Mohammed Ayden Omar Director General of IQAS	Accreditation is valid: From 28/10/2025 To 27/10/2027	Issue no.: 001

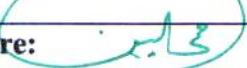
	Generate4,5 continued	5kV Calibration Box IET 1433-39 Decade Resistor Calibrator by Direct Method (4-wire and 2- wire)		100 MΩ 1000 MΩ 10000 MΩ 1 MΩ 10 MΩ 0.1 Ω TO 1000 Ω 0.2 1KΩ TO 1000 KΩ 0.3 1 MΩ 1100 MΩ	0.41 % 0.012 % 1.7 %	Costumer premises
	Capacitance Generate4,5	Fluke 754 Multi- function		220 pF to 400 pF (10 Hz to 10 kHz) 0.6 nF to 330 nF (10 Hz to 10 kHz) 0.33 μF to 330 μF (10 Hz to 150 Hz) 0.33 mF to 110 mF (0 Hz to 0.2 Hz)	6.9 % 3.9 % 2.0 % 1.4 %	Lab & Costumer premises
	DC Voltage Measure4,6	34401A Digital Multimeter Phenix KVM 200, HVI DVR- 150, Ross Eng. VD30-8.3- BDX-LD-ALBD		1 mV to 10 mV 10 mV to 100 mV 100 mV to 1000 V 1000 V to 200 kV	0.47 % 0.05 % 0.02 % 0.01 %	Lab & Costumer premises
	AC Voltage Measure4,6 @ 50/60 Hz	34401A Digital Multimeter Phenix KVM 200, HVI DVR- 150, Ross Eng. VD30-8.3-		1 mV to 10 mV 10 mV to 100 mV 100 mV to 750 V 750 V to 200	0.56 % 0.11 % 0.12 % 1.2 %	Lab & Costumer premises

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq- Basra- Qibla- Al-Wufud Street	Organization name: Naya for Engineering Services and Training Laboratory	Accreditation no.: CL 018
Signature:  Mohammed Ayden Omar Director General of IQAS	Accreditation is valid: From 28/10/2025 To 27/10/2027	Issue no.: 001

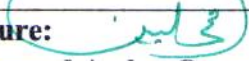
		BDX-LD-ALBD		kV		
	DC Current Measure4,6	34401A Digital Multimeter Isabellenhutte RTO-B- R010-1.0, Thermo Volt AB 600A/60mV Current Shunts and Fluke 355 AC/DC Clamp Meter		10 mA to 100 mA 100 mA to 3 A 3 A to 600 A 0 A to 2000 A	0.08 % 0.16 % 0.58 % 2.3 %	Lab & Costumer premises
	AC Current Measure4,6 @ 50/60 Hz	34401A Digital Multimeter Isabellenhutte RTO-B- R010-1.0, Thermo volt AB 600A/60mV Current Shunts and Fluke 355 AC/DC Clamp Meter		10 mA to 100 mA 100 mA to 3 A 0.18 % 0.25 % 3 A to 600 A 0 A to 2000 A	0.58 % 2.3 % 0.18 % 0.25 %	Lab & Costumer premises
	DC Resistance Measure4,6	34401A Digital Multimeter		1 Ω to 1 kΩ 1 kΩ to 10 MΩ 10 MΩ to 100 MΩ	0.58 % 0.049 % 0.94 %	Lab & Costumer premises
Time & frequency	Frequency Generate4,5 @ 3 V	Fluke 754 Multi-function Calibrator by Direct Method	IEC TS 62786-41:2023	0.3 Hz to 2 MHz	0.009 %	Lab & Costumer premises
	Frequency Measure4,6	Fluke 8846A Digital Multimeter	IEC TS 62786-41:2023	5 Hz to 1 MHz	0.12 %	Lab & Costumer premises
	Radar Guns Stopwatches Timers Tuning Forks Sweep Generator	Fluke 8846A Digital Multimeter	IEC TS 62786-41:2023	5 Hz to 1 MHz 1 MHz TO 1000 MHz	0.12 %	Lab & Costumer premises

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq- Basra- Qibla- Al-Wufud Street	Organization name: Naya for Engineering Services and Training Laboratory	Accreditation no.: CL 018
Signature:  Mohammed Ayden Omar Director General of IQAS	Accreditation is valid: From 28/10/2025 To 27/10/2027	Issue no.: 001

	Function Generator Signal Generator GPS-Disciplined Receivers Electronic Counters Tim meters					
Temperature	Temperature Simulation (Temperature Indicator / Controller / Recorder / Test Kit / Universal Calibrator / Calibrators)4 RTD Pt-100 Thermocouple Type B Type C Type J Type K Type L Type N Type S Type T Type U	FLUKE 5522A Multi-function Calibrator by Direct Method		-200 °C to 800 °C 600 °C to 1820 °C 0 °C to 2316 °C -250 °C to 1000 °C -210 °C to 1200 °C -200 °C to 1372 °C -200 °C to 900 °C -200 °C to 1300 °C 0 °C to 1767 °C 0 °C to 1767 °C -250 °C to 400 °C -200 °C to 600 °C	0.07 °C 0.51 °C 0.99 °C 0.58 °C 0.31 °C 0.48 °C 0.43 °C 0.46 °C 0.66 °C 0.56 °C 0.73 °C 0.65 °C	
Viscosity	Rotational viscometers Falling ball viscometers Capillary viscometer	Fluke 810 Fluke 805	ASTM D2162	35 to 80 80 to 110 Above 110	±0.2 °C	Lab & Costumer premises
Volume	Erlenmeyer Flasks Florence Flasks Beakers Graduated Cylinders Volumetric Flasks	Meniscus Miscalculation Using Balances by Gravimetric Method as per SOP: CP-M-03	IEC 62631-3-1 60093	10 mL 10 µL to 100 mL 10 mL to 1000 mL	±0.02 mL 0.3 µL 0.3 mL	Lab & Costumer premises

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq- Basra- Qibla- Al-Wufud Street	Organization name: Naya for Engineering Services and Training Laboratory	Accreditation no.: CL 018
Signature:  Mohammed Ayden Omar Director General of IQAS	Accreditation is valid: From 28/10/2025 To 27/10/2027	Issue no.: 001

	Burettes Pipettes Volume					
Flow	Lease Automatic Custody Transfer unit Metering liquid System Water flow metering Gas flow Metering Chemicals Flow metering Volumetric flowmeters, differential pressure flowmeters and float flowmeters	Flow prover for coloures and magnetic & turbine 2", 4", 6", 8"	API MPMS Chapter 4.6, 5, 13	0 – 1000 m3/h 0 – 2000 m3/h 0 – 5000 m3/day 0 – 10000 m3/h	0.1 0.2 0.3 0.5	Lab & Costumer premises
Others	Instrumentation and Control Systems Devices Flow Transmitters & flow meter, Pressure transmitters, Level Transmitters, Temperature Transmitters, Flow, pressure, temperature, level switches, Control Valve, PID, Positioners, shutdown Valves, Motor Valves, Vibration Switches, Vibration	Fluke 754 Fluke 9144 Fluke 82 Power supply HART 475 Fluke 707	ISA-5.4 ISA- 101.01 NFPA 70 NFPA 79 NFPA 85	0 to 24 VDC 4 to 20 mA 0 to 100 % 0 to 1000 psi 0 to 700 bar/G 0 to 100 ba/G 0 to 200 bar/G 3 to 15 psi/AG 0 to 100 0 to 100,000 lt/h 0 to 200,000 g/h 0 to 10 GΩ 0 to 9 VDC 0 to 10000 Hz 0 to 500 mH2O 0 to 100 mH2O 0 to 220 VAC 0 to 120 V/ACDC	0.001% 0.002% 0.03% 0.05% 0.1% 0.2% 0.5% 0.10%	Lab & Costumer premises

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq- Basra- Qibla- Al-Wufud Street	Organization name: Naya for Engineering Services and Training Laboratory	Accreditation no.: CL 018
Signature:  Mohammed Ayden Omar Director General of IQAS	Accreditation is valid: From 28/10/2025 To 27/10/2027	Issue no.: 001

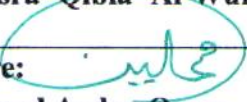
	probes, level glass, indicators, ITP, RADAR Transmitters and ultrasonic, fire and gas detectors, Control panel, pressure pilot, subservice safety valve, fusible plugs, speed controller, HMI, limit switches, multimeters, ohm meters, pressure Druck,			0 to 48 V/ACDC 0 to 1000 Ω 0 to 10000 Ω 0 to 100000 Ω		
Others	Digital Power Calibrator Bench Multimeters. Deadweight Testers. Pressure Calibrators. Handheld Pressure Calibrators. Pressure Calibrators. Handheld Pressure Calibrators. Deadweight Testers. Insulation testers Earthing testers High voltage testers Medium voltage testers Low voltage testers Relay protection testers CT Testers	Fluke 754 Fluke 9144 Fluke 82 Power supply HART 475 Fluke 707	NSPUE2 ANSI/NC SL Z540- 1-1994 EA-10/05 EA-10/06 EA-10/07 EA-10/08 EA-10/09 EA-10/11 EA-10/13 EA-10/15 (EA-10/17 EA-4/02	0 to 24 V/DCAC 0 to 5 KV/DC 0 to 10 KV/DC 0 to 15 KV/DC 0 to 20 KV/DC 0 TO 1000 K Ω 0 TO 10 G Ω 0 TO 100 K Ω 0 TO 700 BAR 0 TO 10000 PSI 0 TO 400 KV 0 TO 120 KV 0 TO 11 KV 0 TO 10 mA 4 to 20 mA 0 to 100,000 lux 0 to 380 VAC 0 TO 10000 M/BAR	0.001% 0.002% 0.03% 0.05% 0.1% 0.2% 0.5% 0.10%	

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq- Basra- Qibla- Al-Wufud Street	Organization name: Naya for Engineering Services and Training Laboratory	Accreditation no.: CL 018
Signature:  Mohammed Ayden Omar Director General of IQAS	Accreditation is valid: From 28/10/2025 To 27/10/2027	Issue no.: 001

All noise, lux, air testers Primary current injector testers Secondary current injection testers High pot testers Multifunction Process Calibrator Druck DPI 880 Multi-Function Calibrator Multifunction Loop Calibrator Multifunction Temperature Calibrator III Loop Calibrator Frequency Calibrator with Totalizer Current Calibrator Voltage Calibrator / Meter DC/AC Current Calibrator Decade Boxes/Time Resistance Box mA/Loop Calibrator LCR Meter Microwave Leakage Detector Oil Test Set Oscilloscope (2 Channel, 600MHz) Oscilloscope (4 Channel, 600MHz) PAT Tester				0 TO 100 ppm 0 to 100 LEL 0 TO 2000 A/ACDC 0 TO 3000 A/ACDC		
---	--	--	--	--	--	--

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq- Basra- Qibla- Al-Wufud Street	Organization name: Naya for Engineering Services and Training Laboratory	Accreditation no.: CL 018
Signature:  Mohammed Ayden Omar Director General of IQAS	Accreditation is valid: From 28/10/2025 To 27/10/2027	Issue no.: 001

	Phase Rotation Equipment Power Analyzer Proving Unit † Scope meter Single Function 17th Edition Tester Socket Tester TDR Voltage Detector Ammeters Cable Locators Chart Recorders & Dataloggers Clamp Meters 5, 10, 15 kv Insulation Testers Current Transducers - Multi- gas devices					
Others	Binary floating-point arithmetic for microprocessor systems Industrial-process measurement and control equipment Operating Climatic conditions Transmitters for use in industrial-process control systems – Part 1: Methods Industrial-process measurement and control –	Fluke 754 Fluke 9144 Fluke 82 Power supply HART 475 Fluke 707	IEC 6052 IEC 60559:1989:2001 IEC 60654-1:1993, IEC 60770-1:1999, IEC 61000-4 (all parts), IEC 61069 IEC 61298	4 to 20 mA 5 to 24 VDC 5 to 9 VDC 24 to 120 VDC 0 to 10000 Hz	0.01 to 0.15 % 0.01 to 0.5% 0.02 to 0.35% 0.03 to 0.040 %	Lab & Costumer premises

	استمارة مجال الاعتماد Scope of Accreditation form	نظام الاعتماد العراقي IQAS
Organization address: Iraq- Basra- Qibla- Al-Wufud Street	Organization name: Naya for Engineering Services and Training Laboratory	Accreditation no.: CL 018
Signature:  Mohammed Ayden Omar Director General of IQAS	Accreditation is valid: From 28/10/2025 To 27/10/2027	Issue no.: 001

	Evaluation of system properties for the purpose of system assessment (all parts), Industrial-process measurement and control – Evaluation of system properties for the purpose of system assessment Process measurement and control devices General methods and procedures for evaluating performance Process measurement control functions and instrumentation					
Others	Patient Monitor Syringe Pump Infusion Pump Autoclave Defibrillator ECG Unit - Ventilator	Fluke 754 Fluke 9144 Fluke 82 Power supply HART 475 Fluke 707	IEC 60601-1 IEC 60601-1-2 ECG IEC 60601-2-27, IEC 60601-2-34, IEC 60601-2-49	4 to 20 mA 5 to 24 VDC 5 to 9 VDC 24 to 120 VDC 0 to 1 0000 Hz	0.01 to 0.15 % 0.01 to 0.5% 0.02 to 0.35% 0.03 to 0.040 %	Lab & Costumer premises