

GET IN TOUCH



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CALIBRATION LABORATORY

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MAXIMIZE YOUR INSTRUMENT'S
PERFORMANCE WITH CONFIDENCE



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EMERSON Megger.

FLUKE
Calibration

SIEMENS

INTRO

Soulintec-Encon is officially accredited by the EGAC (Egyptian Accreditation Council) according to ISO 17025:2017 for Soulintec-Encon's own calibration laboratory with CAB No. 420005A

EGAC is established and recognized by the Presidential Decree number 312/1996 as the sole national body for assessment and accreditation of conformity assessment bodies in Egypt performing testing/calibration laboratories, inspection and certification of products & systems as well as personnel. EGAC is an ILAC MRA signatory in the field of calibration and testing labs accreditation.

Calibration Services

Soulintec's Laboratory offers high-quality calibration services to ensure a good performance to your instrument, maximize its efficiency and reduces its random errors.

Furthermore, we provide documentations and certificates to adhere to your industry regulations and audit requirements.

Soulintec Calibration Laboratory is accredited by EGAC in Flow, Standard Weights, Weight Scales, Pressure and Temperature measurements.

Also, we provide other services in the field of testing/calibration of Pressure Relief Devices, Current, multimeter, vibration & earthing measurements.



Our Services are compatible with the ISO 17025 Standards

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Pressure

Calibration Range:

- For Pneumatic: from -0.827 bar up to 70 bar.
- For Hydraulic: from 0 bar up to 680 bar.

Calibration Method used:

- DKD-R 6-1 Edition 03/2014

Reference Equipment:

- Pressure Calibrator - FLUKE 717-30G
- Pressure Calibrator - FLUKE 717-100G
- Pressure Calibrator - FLUKE 717-300G
- Pressure Module - FLUKE 700P08
- Pressure Gauge - FLUKE 2700G-G70M
- TAJMA Measuring tape 50 meter

Equipment / Instruments Calibrated:

- Pressure Gauges, Pressure Transmitters,
- Pressure Switches, Safety Valves,
- Pressure Relief Valves, Hoses Pressure Test



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Temperature

Calibration Range:

- From -10°C up to 350°C

Calibration Method used:

- EURAMET cg-8 Version 3.0 (02/2019)

Reference Equipment:

- Digital Thermometer - FLUKE 1552A
- Dual well Dry Block - FLUKE 9009
- Temperature Calibrator - FLUKE 724

Equipment / Instruments Calibrated:

- RTDs, Thermocouples, Temperature Indicators, Temperature Transmitters, Liquid in Glass Thermometers,



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Weigh Scales

Calibration Range:

- Up to 500 grams accuracy class II
- Up to 1200 kg accuracy class III & IIII

Calibration Method used:

- OIML R 76-1: 2006
- EURAMET Calibration Guide No.18 Version 4.0

Reference Equipment:

- M3 Cast Iron Weights

Equipment / InstrumentCalibrated:

- Weigh scales
- Weighbridges on Site



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Standard weights

Calibration Range:

- 20 kg Class M3

Calibration Method used:

- OIML R 111-1: 2004

Reference Equipment:

- Electronic Digital Scale 30 kg
- 20 kg Class M1.

Equipment / InstrumentCalibrated:

- Standard Weights
- Weigh scales



Calibration Range:

- From 0 up to 100 Lit/min in our laboratory.
- From 0 up to 3000 lit/min on site.

Calibration Method used:

- API MPMS Ch. 5.6
- API MPMS Ch. 4.5
- API MPMS Ch. 12.2.3

Reference Equipment:

- Micromotion Mass Flow meter
- Tank Prover

Equipment / Instrument Calibrated:

- Mass Flow meters (Coriolis),
- Turbine meters, PD meters,



5 FLOW METERS

Radar Tank Gauging (RTG) Automatic Tank Gauging (ATG) Calibration



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- To monitor stock stored in storage tanks, consumers face a need for accurate quantity measurement.

- Soulintac Calibration Lab offers a sophisticated RTG/ATG calibration service date for tanks level of various shapes, sizes and designs

- The combination of years of calibration experience with our well-trained engineers certified by EMERSON enables us to offer highly accurate, cost effective calibration.

Additional Capabilities

Vibration Test

- Parameter: displacement, velocity, acceleration & temperature
- Application: Motors, pumps, bearing chertle

Earth Resistance Testing

Measure the ability of an earth grounding system or an individual electrode to dissipate energy from a site

**Multimeter Calibration**

Parameter:

- DC voltage test
- DC current test
- AC voltage test
- AC current test
- Resistance check
- Continuity test
- Frequency test
- Capacitance test



Your Satisfaction Is Our Priority



LOOP TEST & SERVICE

Our field service team has the potential to perform hot loop I/O test and on-site calibration at your facility at any time 24/7 including night shifts to meet tight schedule, decrease turnaround time (TAT) and improve your instrument's efficiency.

Our engineers perform a complete I/O test for the process control loop: Begin with checking the input sensing element to the control unit (PLC, DCS, SCADA) to the final output device, in order to ensure that the operation works properly, each signal is connected correctly to its destination and hold over its function as required.

DOCUMENTATION SERVICE:

EACH calibrated equipment is documented and recorded in our systems and is available for 5 years.

IN ADDITION, our calibration software can remind for the upcoming due dates for equipment alerting you before it passes by sending a reminder note to make sure you don't skip the due dates of your instrument's calibration.

SOULINTEC Calibration Laboratory follow all the highest regulatory and audit requirements of different industries as: **Utilities, Oil & Gas, Petrochemicals, Plastic and Paper Industry, Steel Factory, Ceramic Industry, Precast and cement Industries, Food & Beverages.**



INSTRUMENTATION SERVICE

Soulintec's calibration team can inspect and repair malfunction instruments needed. Also, we can recommend and help you to choose the most suitable instrument fits to your application or service according to your requirements to reach the best efficiency needed with lower cost.

Furthermore, Soulintec can supply any instrument needed by FLUKE company with recommending the most appropriate device for your services.

Soulintec Calibration Lab is an authorized center for major OEMs (Original Equipment Manufacturer)'s instruments: Emerson-Daniel, Siemens, FLUKE, Megger.



OUR CLIENTS

