



وصل الشموخ
WASL



شركة وصل الشموخ المحدودة
WASL AL SHOUMOUKH COMPANY LTD

**MEASURE
MASTER
LEAD**

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Al Khobar | Riyadh | Udhailiyah

ABOUT US

WASL is a leading industrial service provider in Saudi Arabia, offering comprehensive calibration, testing, inspection, and maintenance services. Our team of experienced professionals ensures precision, safety, and reliability across vital sectors including:

- ◆ Oil & Gas
- ◆ Petrochemical
- ◆ Power Generation
- ◆ Manufacturing
- ◆ Utilities & More

VISION

To be recognized as a benchmark in the calibration and technical services industry delivering precise, timely, and reliable solutions, and leading the market through a commitment to quality, innovation, and customer satisfaction.

MISSION

- ◆ To deliver high-quality Inspection, Calibration, Repair, and Technical Support Services that consistently meet or exceed customer expectations.
- ◆ To operate in full compliance with applicable regulatory, statutory, and contractual requirements while integrating a risk-based, process-driven approach.
- ◆ To foster a culture of continual improvement, technical excellence, and leadership across all levels of the organization.
- ◆ To ensure the availability of competent personnel, modern infrastructure, and essential resources to support reliable service and sustained growth.

QUALITY POLICY

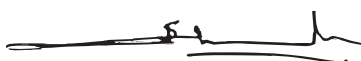
WASL AL SHOUMOUKH COMPANY LIMITED

Wasl Al Shoumoukh Company Limited is committed to delivering accurate, timely, and reliable services in Inspection, Calibration, Repair and Maintenance of Instruments, along with Technical and Industrial Support Services. We ensure that our Quality Management System (QMS) is integrated with our business processes and aligned with our strategic direction, guided by our Vision and Mission.

Our Top Management accepts full accountability for the effectiveness of the QMS and ensures that all personnel are actively engaged in fulfilling this policy. The following principles guide our commitment to quality:

As part of our strategic direction, aligned with our Vision and Mission, we are committed to:

- ◆ Deliver services that meet and exceed customer expectations for accuracy, responsiveness, and technical reliability.
- ◆ Comply fully with all applicable statutory, regulatory, and customer-specific requirements.
- ◆ Continuously improve the effectiveness of our QMS through a structured process of monitoring, measurement, internal audits, and management reviews.
- ◆ Ensure our Quality Objectives are clearly defined, aligned with our strategy, and periodically reviewed for effectiveness
- ◆ Integrate a risk-based and process approach in all aspects of our planning, execution, and evaluation of services.
- ◆ Promote leadership at all levels and encourage ownership, responsibility, and competence across all functions
- ◆ Communicate this Quality Policy effectively and ensure that it is understood, implemented, and maintained at all levels of the organization
- ◆ Provide the necessary resources—including personnel, training, infrastructure, and support for achieving QMS objectives and continual improvement.
- ◆ Maintain a flexible, scalable QMS that allows for integration with other relevant management systems
- ◆ Strive to position Wasl Al Shoumoukh as a benchmark in quality, technical excellence, and client satisfaction, and to build a strong reputation as a leading calibration and technical services provider in the Kingdom of Saudi Arabia



General Manager
Shefeek Muhammad

CALIBRATION SERVICES

High-Precision Calibration Across Industries

We provide ISO-certified calibration services aligned with ISO/IEC 17025 standards, ensuring traceability and accuracy.



Pressure Calibration

- ◆ Analog pressure gauges (Bourdon-type)
- ◆ Digital pressure gauges
- ◆ Pressure transmitters (4–20 mA or voltage output)
- ◆ Compound gauges (positive & vacuum)
- ◆ Differential pressure gauges and transmitters
- ◆ Manometers
- ◆ Pressure switches
- ◆ Hydraulic pressure testers
- ◆ Pneumatic pressure calibrators
- ◆ Safety relief valves

Dimensional Calibration

- ◆ Vernier calipers (digital and analog)
- ◆ Micrometers (inside, outside, depth)
- ◆ Height gauges (digital and dial type)
- ◆ Dial indicators and test indicators
- ◆ Bore gauges
- ◆ Feeler gauges
- ◆ Steel rulers and measuring tapes
- ◆ Depth gauges
- ◆ Thread gauges (plug and ring)
- ◆ Angle plates and V-blocks
- ◆ Gauge blocks (for internal lab verification)



Electrical Calibration

- ◆ Digital multimeters (DMMs)
- ◆ Clamp meters
- ◆ Insulation resistance testers (Megger)
- ◆ Loop calibrators
- ◆ Process calibrators (multifunction)
- ◆ Power meters (voltage, current, power factor)
- ◆ Frequency counters
- ◆ Oscilloscopes(basic performance check)
- ◆ Energy meters(single and three-phase)
- ◆ Earth resistance testers
- ◆ Continuity testers
- ◆ Voltage detectors / testers



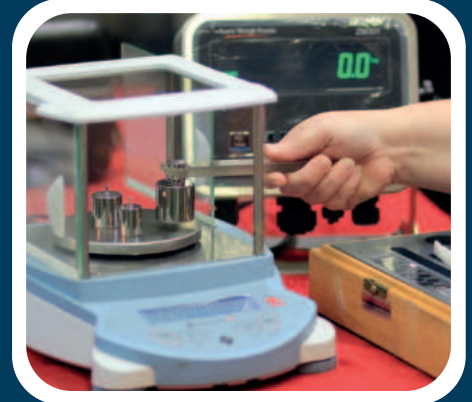


Thermal Calibration

- ◆ Thermocouples (Type K, J, T, etc.)
- ◆ Resistance temperature detectors (RTDs)
- ◆ Digital and analog temperature controllers
- ◆ Temperature indicators and displays
- ◆ Glass thermometers
- ◆ Infrared thermometers (non-contact)
- ◆ Temperature gauges (bimetallic, gas-actuated)
- ◆ Thermal chambers

Mass Calibration

- ◆ Bench scales
- ◆ Platform scales
- ◆ Analytical and precision balances
- ◆ Crane scales
- ◆ Load cells
- ◆ Weights (F1, F2, M1 class, etc.)



Volume Calibration

- ◆ Measuring cylinders
- ◆ Volumetric flasks
- ◆ Pipettes (fixed and adjustable volume)
- ◆ Burettes and dispensers
- ◆ Graduated beakers

Flow Meter Calibration

- ◆ Flow Meter Calibration
- ◆ Rotameters (air, water, gas flow)
- ◆ Electromagnetic flow meters
- ◆ Ultrasonic flow meters
- ◆ Thermal mass flow meters
- ◆ Air velocity meters / vane anemometers
- ◆ Pitot tubes (for airflow)





Gas Detector Calibration

- ◆ Gas leak detectors (LPG, CO, O₂, CH₄)
- ◆ Fixed gas detectors (multi-gas)
- ◆ Portable gas detectors (Single & Multi-gas)
- ◆ Flow totalizers

Torque Calibration

- ◆ Torque wrenches (click, dial, digital)
- ◆ Torque screwdrivers
- ◆ Torque testers (bench type)

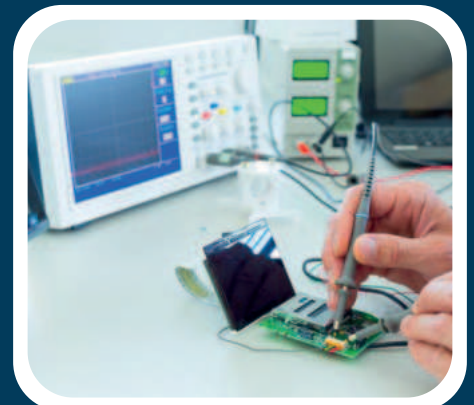


Vacuum Calibration

- ◆ Vacuum gauges (analog and digital)
- ◆ Vacuum transducers
- ◆ Vacuum switches
- ◆ Vacuum pumps (basic functional testing)

Medical Equipment Calibration

- | | |
|--|--|
| ◆ Digital thermometers | ◆ Infusion pumps and syringe pumps |
| ◆ Infrared ear and forehead thermometers | ◆ Suction pressure gauges |
| ◆ Sphygmomanometers (manual and digital) | ◆ Nebulizers (air flow rate checks) |
| ◆ ECG machines | ◆ Autoclaves (temperature/pressure validation) |
| ◆ Patient monitors (HR, NIBP) | |
| ◆ Defibrillators (basic energy output check) | |





Survey Equipment Calibration

- ◆ Auto level / Dumpy level
- ◆ Theodolite
- ◆ Total station
- ◆ GNSS / GPS devices

Sound Calibration

- ◆ Sound level meters
- ◆ Acoustic level meters



Vibration Calibration

- ◆ Vibration meters
- ◆ Vibration sensors
- ◆ Vibration transducers

Illuminance Calibration

- ◆ Lux meters
- ◆ Light meters (UV & white light)
- ◆ Radiance meters



INSPECTION SERVICES

We perform detailed inspections to ensure performance, compliance, and safety.

VISUAL INSPECTIONS

Surface and structural integrity assessments

OPERATIONAL INSPECTIONS

Functionality checks during real-time operation.

SAFETY INSPECTIONS

Evaluating systems to eliminate hazards.

PERFORMANCE INSPECTIONS

Verifying that equipment meets performance criteria.

LIFTING EQUIPMENT INSPECTION

Thorough inspection of cranes, hoists, slings, and lifting devices.

THIRD PARTY INSPECTION

Unbiased evaluations with complete documentation.

LOOP CHECKING & COMMISSIONING

Comprehensive testing and verification of control loops and instrumentation systems.



TESTING SERVICES

Advanced testing methods for accurate, certified results.



Pneumatic Testing

For leak and pressure resistance



Valve Testing

Ensures optimal valve function



Hydro Testing

Pressure test for pipes & vessels



Portable Appliance Testing (PAT)

Workplace electrical safety



Electrical Testing
Compliance and risk mitigation



Gas Free Testing
Safe environments for hot work



Noise Testing
Evaluate compliance with sound regulations



Air Quality Testing
Indoor air condition assessments



Mechanical Testing
Structural & Functional Evaluation

REPAIR & MAINTENANCE SERVICES

Reliable Repairs, Preventive Care & Emergency Support
Our team is equipped to handle everything from routine maintenance to complex repairs, with quick response and certified expertise.

- **Generator Maintenance**

Efficient operation through scheduled inspection and servicing.

- **Air Compressor Servicing**

Optimizing compressed air systems for peak performance and reliability.

- **Welding Machine Servicing**

Ensuring consistent weld quality and equipment safety.

- **Pump Seal Replacement**

Prevent fluid leakage and enhance system durability.

- **High Precision Equipment Repairs**

Factory-standard repairs for devices like Megger, Fluke and similar instruments.

- **Electrical Repairs**

Circuit-level diagnostics and professional component replacement.



- **Heavy Equipment Repairs**

Maintenance and overhauls for cranes, forklifts, loaders, etc.

- **Construction Equipment Repairs**

Servicing mixers, compactors, concrete cutters, and other construction tools.

- **Electromechanical Equipment Repairs**

Servicing motors, drives, controllers, and integrated systems.

- **Biomedical Equipment Repairing**

Ensuring safe, accurate performance of medical devices and analyzers.



24/7 emergency breakdown assistance and preventive maintenance programs available.

SPECIALIZED SERVICES



SCBA Refilling

- Clean air refills for SCBA/SCUBA tanks
- Fully compliant with EN12021 & NFPA 1989 standards

Instrumentation Services

- Installation, calibration, and commissioning
- Complete loop checking and testing for process control systems



Manifold Manufacturing

- Custom-built and standard gas/fluid manifolds
- Designed to meet API, ASME, and ISO standards

Portable Appliance Testing (PAT)

- In-depth testing of electrical systems
- Preventive safety and compliance measure



Biomedical Equipment Testing & Calibration

- Onsite testing and servicing
- Ensuring safe and consistent performance

Cold Room Validation & Thermal Mapping

- Temperature Distribution Map/Chart
- Operational Qualification (OQ) Protocol



Mobile Units for Onsite Service Available

WHY WASL?



Experienced Technicians

Skilled, certified experts in industrial services.



ISO & International Standards Compliant

Services aligned with global benchmarks.



Serving All of Saudi Arabia

Operational presence across Al Khobar, Riyadh, Udhailiyah and beyond.



On-Site Service Units

Fully equipped mobile teams reduce downtime.



Fast Turnaround & Emergency Support

Responsive scheduling and 24/7 availability.



Quality Assurance Guaranteed

Every service is backed by robust QA processes.



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