





Al-Meezan Industrial Metrology Services have been established to cater for the diversified needs of trade and industry for the implementation of ISO standards and provisioning of calibration, inspection and testing services.

MISSION

To facilitate trade and industry by providing QMS and metrology related training, consultancy and calibration services as per latest international standards and guidelines.



VISION

Scientific and technological advancement of a country demands an organized and globally connected metrology infrastructure. Scientific and legal metrology systems are normally taken care by public sector organizations like National Metrology Institutes and relevant ministries.

However, industrial metrology systems are dependent on traceable calibration services provided by private sector calibration laboratories.

In developing countries inadequate level of metrology education / awareness and incomplete traceability of measurement results bars the local production from highly competitive global market.

Calibration results accredited to ISO/IEC 17025: 2005 from ILAC MRA signatories like PNAC, GAC or DAC are like passports for locally produced goods and services to transit across the globe.

AIMS cherish a vision of providing complete traceability and assurance of measurement results to the BIPM through recognized NMI like NPL (UK), NIST (USA) and PTB (Germany) in compliance with the requirements of ISO/IEC 17025: 2005.



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CORE VALUES

AIMS management have inculcated following core values in the staff;

- Customer requirement are thoroughly understood and complied with, feedback is valued and complaints are handled with due diligence and priority.
- Employees are our valuable asset and their dedication and trust in the company is our strength.
- Confidentiality of customer and AIMS valueable information is safeguarded at AIMS with due diligence.
- Integrity of calibration, inspection and testing results is ensured religiously.
- Standard of service is never compromised at AIMS.

CALIBRATION & TRAINING FACILITIES

AIMS calibration is performed in a purpose built lab in Lahore Pakistan and on customer premises as per requirement. AIMS Lab is having;

- Calibration Masters from world famous brands like Budenberg, WIKA, Fluke, Druck, Mitutoyo etc.
- Traceability from prestigious NMIs like NPL, NIST, PTB, DCL and NPSL etc.
- Calibration Procedures adopted from OIML, BS, ASTM, DKD, Euromet, NIST and NIMT etc.
- Technical Management with extensive experience as lab manager, trainer, consultant and assessor.
- Calibration engineer/Inspectors with right qualification and relevant training / experience.
- Validity of calibration result is ensured as per the requirement of ISO/IEC 17025: 2005 i.e., internal / external audits, Participation in PT / ILC, periodic recalibration of masters, intermediate checks and supervisory calibration of IUC.
- Quality services at competitive cost within shortest turnaround time.



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WE OFFER

Calibration Services in the following measurement parameters;

PRESSURE MEASUREMENT

- All types and sizes of pressure gauges, indicator, transducers and transmitters.
- Analogue and Digital barometers/manometers.
- Pneumatic PI, IP convertors and pneumatic transmitters.
- Pressure switches.
- Pressure Control valves.
- Pressure Safety and Relieving devices.
- Hydro pressure testing.
- Pressure Chart Recorders.
- Pressure Calibrators.
- Dead Weight Testers and Piston Gauges.

TEMPERATURE AND HUMIDITY MEASUREMENT

- Bimetal and filled system thermometers.
- Liquid in Glass thermometers.
- Digital thermometer with (TC and RTD sensors).
- Temperature Controller and Switches.
- Temperature transmitters and recorders.
- Infrared thermometers and thermal imagers.
- Electric Ovens, incubators, chillers, freezers and hot cabinets.
- Temperature baths and Dry Block Calibrators.
- Thermo-hygrometers and data loggers.
- Dew point meters.

ELECTRICAL TIME AND FREQUENCY

- Analogue / Digital volt, ohm and multimeters.
- Clamp meters and energy meters.
- Decade Resistance, Capacitance and inductances.
- Insulation meters and earth resistance testers.
- Appliance and Installation testers.
- Transformer and switchgear test equipment.
- Hipot and Dielectric test set.
- Current and Voltage Injection Sources.
- Loop and Process Calibrators.
- Electronic timer, counter and oscilloscopes.

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MASS, VOLUME FORCE AND TORQUE MEASUREMENT

- Analogue and Digital Weighing Scales.
- Volumetric Glass wares and provers.
- Spring Scale Dynamometers and Force Gauges.
- Class M weight sets.
- Compressive and Tensile Force machines.
- Tongue Gauges and Weight Indicators.
- Proving Rings and Load Cells.
- Torque screw drivers and wrenches.
- Static and Dynamic Torque transducers.
- Hydraulic and Motorized Torque Tools.

DIMENSIONAL MEASUREMENT

- Steel Rules and Meter Tapes.
- Vernier Caliper, height and depth gauges.
- Hi Lo welding and bridge cam gauges.
- Micrometer inside, outside and depth.
- Dial indicators.
- MRP groove depth and pitch gauges.
- Flange Square and Bevel Protectors.
- Angle measuring devices.
- Spirit levels and surface tables.
- Coating thickness and Ultrasonic thickness gauges.

ANALYTICAL, INSPECTION AND DIAGNOSTIC TOOLS AND EQUIPMENT

- pH, conductivity and turbidity meters.
- Viscosity and Specific Gravity Meters.
- Visible and IR spectrophotometers.
- Hardness testers.
- Ultrasonic flaw detector machines.
- Anemometers, tachometers and sound level meters.
- Magnetic field indicators and gauss gauges.
- Visible and UV light meters.
- Portable and fixed gas detectors.
- Pinhole detectors.

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OTHER SERVICES

- Metrology and QMS Consultancy from Decision to implementation and Operation.
- Helping the organization to find gaps in the QMS system through internal audits.
- Metrology and QMS trainings class room and hands on in the lab.
- Supply, Installation, commissioning and on site testing / calibration of field instrumentation.
- Deployment of teams with equipment on EPC project sites and turnaround inspections.



POTENTIAL CLIENTS

- Oil and Gas production, processing and distribution industries.
- Power producers, operators and distributors.
- EPC contractors and sub-contractors.
- Leather textile and fiber industry.
- Food, beverage, pharma and cosmetics industry.
- Agricultural products and fertilizer manufacturer.
- Civil and mechanical material testing labs and contractors.
- Electrical and Electronics appliance manufacturer.
- Technical Training Schools and Engineering Universities.
- Road transport, rail and aviation industry.

LOCATION MAP

