

INDUSTRIAL INSTRUMENTATION COMPANY LTD

IIC

A SUBSIDIARY OF
ABDULLA H. AL MUTAWA SONS HOLDING CO.

INTRODUCTION – TRADING, CALIBRATION & TESTING SERVICES

Industrial Instrumentation Co (IIC) established in 2010 as a Trading, Calibration & Testing Services arm of Al Mutawa Holding aspires to be a leading provider of innovative mechanical and instrumentation products and calibration services in the kingdom of Saudi Arabia.

Our products and services cover industries like E & C, Marine, Land & Offshore Drilling, oil & gas exploration and production, Oil Refineries, Chemical Manufacturing, HVAC, Energy & Power, Steel, Water treatment, Paper manufacturing.

TRADING PRODUCTS

- Safety Relief Valve
- Pressure & Temperature Chart Recorders
- Choke Valve
- Pilot operated Relief Valve
- Pressure Transmitters & Switches
- Temperature Transmitters & Switches
- Level Indicators & Switches
- Flow Meters
- Instrumentation Fittings
- Manual & Actuated Valves
- Gas Detectors

VALVES - TAYLOR VALVE TECHNOLOGY, USA

Taylor Valve Technology is a leading manufacturer of high quality safety relief, high pressure relief, and back pressure relief valves. Taylor Valve also offers a wide array of choke and control valves, and pilot operated valve products for the oil and gas industry.

Taylor products perform unlike any other due to their unique design, precise manufacturing and uncompromised quality – an emphasis proven by more than 100 U.S. and foreign patents and over 50 years of service.

Products:

- Safety Relief valves
- Choke valves
- Pilot Operated valve



PRESSURE REGULATOR – PRESSURE TECH, UK

A pressure regulator is a critical component in any fluid control system. Pressure Tech regulators are predominantly machined from 316SS but we also supply products in Titanium, Inconel, Hastelloy and other exotic alloys. Pressure Tech has a range of pressure regulators covering pressure control from 0.1bar to 1380bar (20,000psi) and port sizes from 1/8" to 3".

Products Range:

- Analyser/Instrument Range
- High Pressure Range
- High Flow Range
- Back Pressure Range



TRANSMITTERS & SWITCHES – PYROPRESS, UK

Pyropress is a 60 years leading designer and manufacturer of switches, transmitters, valves and sensors offering engineering solutions for hazardous area, marine and industrial applications. We have built a solid and impressive reputation for quality, with reliable and durable products.

Pyropress products are designed to work in demanding and hazardous environments which require fast and cost effective solutions in instrumentation and control. Pyropress control sensors provide safe and reliable electrical switching of alarm or control circuits in response to changes in temperature, pressure, differential pressure, vacuum, fluid, flow and level conditions.

Switches

- Pressure
- Vacuum
- Differential Pressure
- Temperature
- Level
- Flow

Transmitters

- Pressure
- Vacuum
- Absolute Pressure
- Differential Pressure
- Temperature
- Level



FLOW METERS – EUREKA, INDIA

Eureka manufactures Flow Meters since 1970. The manufacturing Plant is spread over 4000 M2 near Pune and has well equipped Machining and Calibration Facilities.

They develop and manufacture instruments that are consistent in quality and designed as per the customer's requirements. All at the prices that represent the best value and lowest total cost of ownership.

Products

- Variable Area Flow meter
- Variable Area Flow meter with transmitter
- Eumag Series flow meter
- Orifice plate and orifice flange assembly
- Eurekone Flow meter
- Mass Flow meter & Controller.



FITTINGS – BMT “Superlok”, KOREA

BMT was established as a small company specializing in toll processing in 1988. It has grown and evolved through endless challenges and changes to provide positive values from fluid system products to energy management system.

Products

- Pipe Fittings
- Needle Valve
- Valve Manifold
- SS tubes
- Vacuum Clamp
- Hydraulic Flanges
- Micron in-Line Filters
- Flexible Metal Hose
- Water Regulator



CHART RECORDER – ROTOTHERM, U.K.

Circular Chart Recorders

A world leader in circular chart recorders, Rotothem has become the standard for accurate, reliable measurement across numerous industries such as Gas Transmission, Oil & Gas, Refining & Petrochemical, Heat Treatment, Dairy and Plastics.

Rotothem robust proven recorders are designed for flexibility, with interchangeable pressure and temperature systems, that can be implemented simply and quickly, allowing users with a recorder that can satisfy numerous range requirements. At the same time, Rotothem have worked with users to design the recorder to be calibrated quickly, maximizing productivity.

Features

- Any Combination of Temperature, Pressure and Flow: 1 or 2 pen
- 1% measurement accuracy
- 12 inch chart sizes
- Panel, wall, pipe mounting or portable options available
- Battery or mechanical chart drive
- Very robust and proven design
- Light weight construction (<10kg)
- Standard Steel Epoxy coated case or Stainless Steel case available for harsh environments
- Simple installation and maintenance



GAS DETECTOR – HANWEI, CHINA

Hanwei Electronics Group Corporation founded in 1998, the largest gas sensors and instruments manufacturer in China, devote to promise a safe, environmental friendly, healthy and smart working and living environment.

Hanwei products and solutions widely used in hundreds of countries and regions, covered more than 20 fields, petroleum, chemical, metallurgy, mining, gas, water supply and discharge, heating, municipal engineering, home security and health, public areas, waste gas treatment, sewage treatment, most of products have obtained certification by CE, TUV, ATEX, RoHS etc. international certifications

Products

- CO Alarm
- GAS Alarm
- Portable Gas Detector
- Gas Detector
- Alcohol Tester
- Co2 Monitor



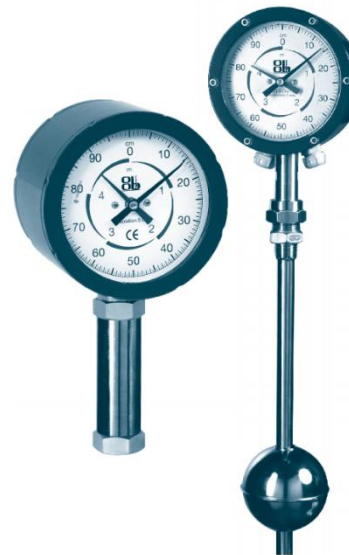
LEVEL INDICATORS - OFFICINE OROBISHE S.P.A

For more than 60 years Officine Orobiche S.p.A. has offered its clients in Italy and throughout the world guaranteed reliability and functionality whatever the requirements of the system – even the most complex, high-performance and difficult situations.

Its impressive and wide range of electromechanical instruments has countless applications for various processing industries and, in particular, for chemical, petrochemical, oil and gas, paper, food, pharmaceutical, power generation, water treatment, textile, mining, glassworks, extraction, iron and steel, and galvanizing industries.

PRODUCTS

- Level Indicators
- Level Transmitters
- Dial Level Gauges
- Switch Enclosures
- Micro Switches



VALVES, S.P.A

Our manufactures have more than 60 years of expertise in the production of Valves. We have been devoted to being an indispensable partner to our highly valued customers. We work with manufacturers across the globe and look for opportunities to save our customers both time and money, while offering a level of service beyond expectations.

Our business concept comprises both Projects and MRO for Plant Maintenance Management.

Products

- Pneumatic/electric actuators
- Pneumatic/electric Ball valves
- Pneumatic/electric Butterfly valves
- Butterfly valves
- Control valves
- Gate valve
- Ball valve
- Check Valve
- Globe Valve
- Plug Valve



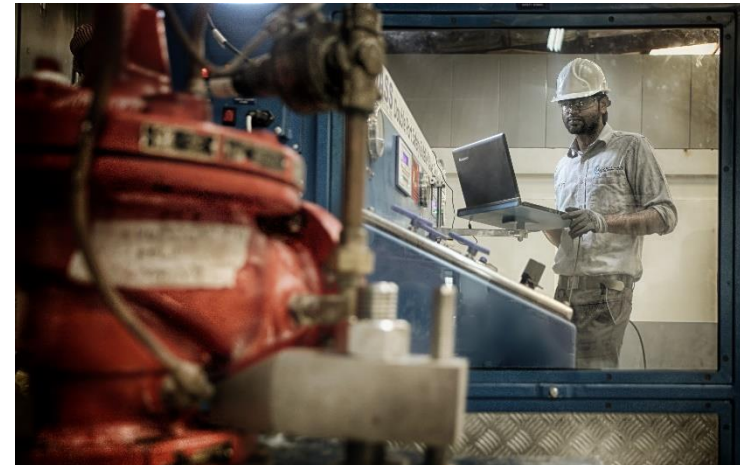
CALIBRATION AND TESTING SERVICES

Industrial Instrumentation Company limited (IIC) perpetuated under the umbrella of Abdulla H Al Mutawa Sons Holding Co (AMSHC). IIC evolved from Al Mutawa Instrumentation division which had been in manufacturing of pressure and temperature gauges since 1994.

We at Industrial Instrument Company follow the international standard for calibration (EN 837-1,2 &3 / ASME B40 / EN 13190:2001 / ASME B40.200 / API 526, API 527, BS EN 50504:2008, ISO 6789). Which meet the Saudi Aramco / SABIC standard and comply all the requirements for calibration services with highly efficient calibration team. Our lab is ISO/IEC 17025 certified and accredited by IAS agency.

PRESSURE INSTRUMENTS

- Safety Relief Valve
- Pressure Gauges
- DP, Pressure Transmitters
- Pressure Switches
- Pressure Chart Recorders
- Water Pressure Regulator
- Air & Gas Pressure Regulator
- Test manifold (Hydro Test)
- High Pressure Hose (Hydro Test)
- Valves (Gate/Ball/Butterfly Valve – Hydro Test)
- Hydro test pump / Comparator
- Process Calibrator



TEMPERATURE INSTRUMENTS

- Temperature Gauges
- Temperature Transmitter
- Temperature Switch
- Infrared IR Thermometer
- RTDs Probes
- Magnetic temp gauge / Magnetic thermometer
- Thermocouples Probes
- Temperature chart recorder
- Furnace Oven
- Portable (Welding Ovens)
- Holding / Main Oven Welding
- Temperature Controller / Panel Display
- Pyrometer
- Dry Block Temperature Calibrator
- Temperature Oil Bath
- Temperature Water Bath
- Humidity / Temperature Calibration



ELECTRICAL INSTRUMENTS

- Multimeter
- AC/DC Volt meter
- Ohm meter
- Current meter / Ammeter
- Clampmeter
- Frequency counter meter
- Insulation meter
- Multi process calibrator
- Welding Machine



FORCE INSTRUMENTS

- Torque Wrench



DIMENSION AND DISPLACEMENT INSTRUMENTS

- Vernier caliper
- Micrometer
- Height Gauge
- Elcometer
- Spirit Level gauge
- Dial Thickness gauge
- Hi-lo Welding gauge



GAS EQUIPMENTS

- Gas Detectors – Single / Multi