



ABOUT METRO MAC

Metro Mac is a leader in providing Marine, Industrial and Electrical Instrumentation solutions. Incepted in 1985, the organization has grown in strength, expertise and experience into a premier solution provider to several clients worldwide. We help oil and gas, marine, power and utility industry clients to resolve their business challenges.



Enriched by the experience and expertise of our team, and with a loyal customer base who expect us to deliver beyond expectations, we have expanded our facilities ahead of Dubai, touching Abudhabi, Qatar and Fujairah. Metro Mac is known for the reliable



and prompt services of the highest quality, and has been awarded with ISO 9001 since 1998; we have also accrued accreditation to ISO/ IEC 17025:2005, ISO 14001 and OHSAS 18001 during this journey. Both our customers as well as our principals recognize us as a provider of quality services across the areas we operate.

OUR SERVICES

We pride in offering solutions leading to customer delight. A comprehensive and readily accessible maintenance history of clients, transparent and swift response by our engineers and an impeccable record in safety at work has helped further define the firm's reputation globally. Metro Mac endeavours to sustain its excellence by providing best-fit product and service solutions to our growing customer base, thus contributing to continual growth of the company and its employees.





MARINE AUTOMATION

The experience gained more than three decades in the field of Marine automation emerged us the pioneer name. Major shipping companies are availing our services for the Automation jobs with confidence.

INDUSTRIAL AUTOMATION

The evolution of technology in industrial automation systems requires on time service support .We provide the services build on the most efficient Industrial Automation system to meet your needs.

CALIBRATION SERVICES

With years of experience gained in measuring instrument Calibration services, we have steadily grown by adding many new capabilities including primary and secondary instrumentation to become Middle East's premier Calibration Laboratory.

AGENCY PRODUCTS AND SERVICES

The company has been the preferred partner for many of the world renowned product and system manufacturer for Middle East region. With over 30 years of hands-on experience and comprehensive sector expertise, we are competent partner for our customers' specific needs.

MARINE AUTOMATION

Metro Mac is the pioneer name in marine automation field in Middle East. With the experience of more than three decades, Metromac is providing support to major shipping companies for most of the automation needs.

Our engineers are factory trained and specialized in providing electrical and instrumentation control solution effectively round the clock, available to travel to any part of the world at a short notice for following areas, but not limited to

- | Boiler Automation
- | Power Management Systems
- | IG Systems
- | Tank Monitoring Systems
- | Cargo and Machinery Monitoring Systems
- | Main Engine and Atmospheric Oil Mist Detectors
- | ODME and Oily Water Separators
- | Gas and Fire Detection System

Metro Mac is the authorized service center for many of the renowned products in marine automation field like Hyundai switch gear, Riken Keiki gas detection system, Mitsubishi boiler, Schaller Automation, Hanla tank level and gas detection, Deckma GmbH oil content detectors, Specs oil mist detectors, MRC PA systems & KSB Seil oil discharge monitors. We hold necessary spares for our agency products in UAE to cater the urgent requirement of the vessels during our service support to keep the vessel sailing at the scheduled departure. Our workshop is equipped with Master Calibrators traceable to National physical laboratories and Precision testing equipments from well known manufacturers.

Our service is well known for timely delivery and efficiency under difficult and challenging working environments & we strive for continuous improvement on quality of rendered service in a highly professional and safe manner. We are providing Dry Docking support to marine industry in various dockyards around the world like Dubai Dry Docks, ASRY Bahrain, NKOM Qatar, Duqm Oman, Portugal, Lisnev, Singapore, Turkey, etc.

A large offshore oil platform is shown at sunset, with its complex network of yellow steel structures and red pipes extending over the dark blue sea. The sky is a mix of orange, yellow, and blue. The platform features several tall, white cylindrical smokestacks and various cranes and support structures. The water in the foreground is dark blue with some white foam from the waves.

TECHNICAL SERVICES

- Power Generation/Management and Control System
- Generator Protection Controls
- Alarm Monitoring Systems
- Boiler
- Cargo Control Systems
- Inert Gas Generator and Control Systems
- Oil Discharge Monitoring Systems
- Oil Mist Detectors
- Gas Detection Systems
- Oily Water Separator and Oil Content Detectors
- PA and Auto Telephone System
- Fire Detection & Fire Fighting Systems
- IG/N₂ Generators
- Auto Unloading Systems
- ICCP/ ICAF
- Miscellaneous Systems

INDUSTRIAL AUTOMATION

Metro Mac is providing technical service support to many of major industries on various fields. Our service includes.

ELECTRICAL & INSTRUMENTATION

- | Process Management
- | Field Loop Controls
- | Shut Down Jobs
- | Power Plant Annual Maintenance for Distribution
- | Tank Level Measurements and Controls
- | Safety Fire Pump Auto Controls
- | Crane Controls



Built on trust of our valuable clients, Metromac has steadily grown to the capability for supporting our clients for almost all electrical switchgear needs. Metro Mac is the authorized agent for HYUNDAI switchgear and our team includes factory trained engineers for power management systems and electrical switch gears. We are providing support for trouble shooting, routine maintenance and shut down jobs in various industries.

PROJECTS

ELECTRICAL & INSTRUMENTATION

Metro Mac E&I project division provide E&I solutions in Engineering, Procurement, Erection, Pre-commissioning & Commissioning Assistance. Our experience in providing E&I services range from Flash Gas compression barges to Offshore production platforms, from New Ship Building to New Steel plant constructions, from High Pressure Compressor retrofits in Gas fields to New Onshore Oil field plant constructions and Airports projects.



- Basic Engineering
- Detailed Engineering
- Procurement for Electrical & Instrumentation Projects
- Supply and Installation of New Instrumentation Systems
- Chemical Injection Skids
- Inspection, Testing & Calibration
- Preparation of as-Built
- Fabrication of Chemical Injection Skids
- Services of Skilled Personals
- Pre-Commissioning & Commissioning Assistance
- Reliable Automation Support through the Experience Gained Over the Years.

CALIBRATION

State of the art facility for Calibration and Certification of

- | Dimensional Instruments
- | Electrical Instruments
- | Pressure Instruments
- | Temperature Instruments
- | Mass, Force, Torque
- | Volume
- | Equipments for Medical/Testing /Inspection /Laboratories
- | Refrigeration Equipment's
- | Gas Detection and Alarm Devices
- | Load Cell (Dynamometer) Flowmeters
- | General Testing Instruments





CALIBRATION SERVICES

The Calibration Laboratory maintain high accuracy master equipment traceable to International Standards in an environmentally controlled lab, qualified and experienced personnel, well defined work procedure to calibrate customer instruments for compliance with International standards or manufacturer's specification.

In recognition of our technical and professional competency, the lab is accredited by DAC, GAC/ ENAS to the International standards ISO/IEC 17025:2005 in Pressure, Temperature, Electrical, Dimension, Mass, Volume discipline and many more parameters are in line for the accreditation. Moreover, to serve the industries better and easier, the accreditation is granted for in lab and onsite activities.



VALVE TESTING & HYDRAULICS

Metro Mac has an extensive valve test and calibration facility to carry out work on valve sizes ranging from ¼" to 16", using self-clamping test rig up to a pressure range of 1000 bar. We also undertake valve automations jobs and provides on sites technical expertise in valve actuation, calibration and maintenance pressure testing and certification of all types of valves including pressure safety valves.

We perform the repairing and overhauling of hydraulic systems. Inspection, repair and troubleshooting of solenoid valves, actuators, Power pack systems, position indicators and electrical trouble shooting.





VALVE TESTING

SAFETY VALVES

- Low Pressure Safety Valves
- Non Ferrous Safety Valves (Brass, Aluminium)
- Needle Type Safety Valves

MANUAL & CONTROL VALVES

- Globe Valves
- Gate Valves
- Butterfly Valves
- Control Valves

PIPES & EQUIPMENT

- Pneumatic Pumps
- High Pressure Pumps
- Low Pressure Pumps
- High Pressure Tubes
- Pipes
- Manifolds

HYDRAULICS

- Valve Remote Control System
- Deck Machinery Equipment
- Hose Handling and Provision Crane
- Steering Gear Hydraulic System
- Various Types of Safety Valves
- Hatch Cover, Cargo Door, Water Tight Doors
- Boat Devit, Capston, Accommodation Ladder
- Various Types of Gear Boxes

AGENCY PRODUCTS AND SERVICES

Metromac has been the preferred partner for many of the World renowned product and system manufacturer for Middle East. With over thirty years of hands-on experience and comprehensive sector expertise, we are a competent partner for our customer's specific needs.

A highly motivated Technical sales team always assisting customer for the product selection and provide solutions. Our commitment to provide solution is our core strategy. Our Engineering expertise is a deciding factor for our businesses growth along with our strategic manufactures Exclusive Sales and Service representation in the Middle East. Blending the unique skills and reliability of a diverse workforce from us delivers the right products and solution to meet our customer's requirement with the competitive market.

At Metromac, we care each customer with the prime importance to meet their requirement. A team of factory trained technicians and Engineers encompass our After Sales team. Ample stocks of products, necessary spares are maintained to provide timely supply of Equipment's, spares and systems.

As part of our continued effort to provide customer satisfaction, we have added sales and after sales service center at Dubai, Fujairah, Abu Dhabi, Qatar and Kingdom of Saudi Arabia.

Riken Keiki, Japan

Fixed and Portable Gas Detectors & Systems.



RKI, USA

Gas Monitors and Calibration gases
Joint Venture of M/s Riken Keiki, Japan.



Intoximeters, USA

Breath Alcohol
Testing Instruments.



Hyundai Electric, Korea

Electrical and
Automation System.



Schaller Germany

Engine Crank Case Oil Mist
Detectors and Systems.



MMC, UK, Japan

UTI, Portable Tank Gauging Units.



KSB, Korea

ODME,VRC System, Actuators.



KSB SupremeServ

Thermoprobe Inc-USA

Petrochemical Temperature
Gauging devices



Deckma, Germany

15PPM Oil-in water monitors
and systems.



Specs, Korea

Atmospheric Oil Mist Detection system.



Green Instruments, Denmark

Analyzer for Inert Gas Oxygen, Stack
Gas Oxygen, Sox and Nox.



Corrosion Maritime, Netherlands

Impressed Current Cathodic
Protection system.ICCP, Antifouling
system (ICAF), Dosing system.



Sika,Germany

Measuring Instruments and
Calibration equipments.



Marine Radio Co, Ltd Korea

Telephone exchange, PA Systems,
Marine CCTV.



Kashiwa, Japan

Fire Fighting Systems ,IG/N2
Generators



Tesa , Switzerland

Precision Measuring
instruments and systems.



Wuxi Brightsky Electronic Co., Ltd.

Fire Alarm System.



Yoowon Industries Ltd.

Steering Gear.



Zhejiang Tormin Electrical Co.,Ltd, ROC

LED lighting solutions and
products for all types of industrial
and hazardous use.



KPS, Spain

Engineering solutions in Energy saving,
Measuring instruments, Installation
materials, LV protection components,
enclosures and Signaling.





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ISO 9001
ISO 14001
OHSAS 18001



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