

**ARROW MARINE TECH**

**Marine Automation-  
Engineering, Control &  
Instrumentation Specialists.**

**FIRST CLASS  
SHIP'S EQUIPMENTS  
& SERVICES**

**ABS-CERTIFIED  
ISO 9001 : 2015  
COMPANY**

## ABOUT US

ARROW MARINE TECH, are Marine Automation - Engineering, Control & Instrumentation specialists. We endeavors to sustain its excellence by providing best-fit product and service solutions to our growing customer base.

We are involved in the design, service, installations and commissioning, sale, trading, supply, repair, maintenance and upgrade of Marine instrumentation and process control systems.

Our QMS is certified to the ISO 9001:2015 standard certificated from ABS CLASS. In short of its inception the organization has grown in strength, expertise and experience into a One stop service solution provider to several clients worldwide. We help Shipping / Offshore oil and gas, Industry clients to resolve their business challenges.

## KEY POINTS



**Quality Management  
System (QMS)**



**Our Expertise**

Fast delivery and continual improvement through repeatable and automated code.



**Inventory**

The question is not whether you should adopt the Cloud, but how best to do it.



**Equipment's**

Client interaction with your products and services should be seamless & enjoyable.



## Installation, Repairs and Calibration Services

### Marine Automation

Boiler Repair    Main Engine Repair    Generator Repair    PLC Retrofit / PCB Repairs    Governor Repair

### Marine Calibration

UTI Meter    15ppm Bilge Alarm Monitor    ODME System    Portable Gas Detector    Pressure Calibrator

### Ship Navigation

Radar Installation    Gyro Servicing    Compass Servicing    SVDR Servicing    Cranes Repair

### Ship Spares

Oil Mist Detector    Calibration Gases    Fire Alarm Panel    Circuit Breakers    Alarm Monitoring Panel

### Marine Safety - LSA / FFA

Refilling of Fire Extinguisher    Foam Analysis    Inspection of SCBA Sets    Inspection of EEBD    Medical O2 Cylinder



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## Marine Automation

### Our Services

Arrow Marine Tech Engaged in Marine Automation/ service and Installation jobs that includes all electrical and automation systems like Boiler control panel, alarm & monitoring systems, Engine systems, Pump control systems, Being an ISO 9001:2015 certified, we are followed all the procedures and services provides by us are as per standards.

### Our Specialties

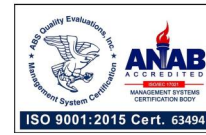
- ❖ We have a qualified Technical Team in Marine Automation, Instrumentation, PLC Automation, Electrical etc. We have also tie up with makers of engineers to support us depending on the job demand.
- ❖ The dedication & quality of our personnel is simulative. The achievement of high rate of business growth is our asset.
- ❖ Engineers having experience on systems of Kongsberg, Hanla, MAN, VAF, Muira, Enraf Tanksystem , SAAB Tank-Tech, Alborg, Musasino, Graviner, Lyngso Sam Electronic, etc.
- ❖ ISO/IEC 17050:2005 Quality management system for Servicing of Ship Board System, Calibration of Equipment's , LSA/ FFA, and Supplying of Automation Spares with national & international traceability for electrical, temperature, Pneumatic & gas monitoring systems ISO 9001:2008 Quality management system.
- ❖ We are maintaining huge stock inventory for any kind of automation spares related.
- ❖ Specialty to provide quick support for obsolete product.
- ❖ Economical services as per client requirements and budget related.

### Our Core Services

- |                                                                |                                                       |
|----------------------------------------------------------------|-------------------------------------------------------|
| ➤ Maine Engine Safety and control System                       | ➤ Inflammable and toxic gas monitoring system         |
| ➤ Generators Synchronizing /Load sharing                       | ➤ Oil mist detecting system                           |
| ➤ Boiler controls and automation                               | ➤ Pneumatic transmitting and controlling system       |
| ➤ ODME & Oily water separator (OWS) with 15ppm Bilge Monitor   | ➤ Viscosity control system                            |
| ➤ Insert Gas plant automation system (IGG)                     | ➤ Fire alarm / Smoke Alarm and monitoring system      |
| ➤ Fixed Gas Sampling system                                    | ➤ Controllable Pitch Propulsion (CCP)                 |
| ➤ Water Ballast Tank Gauging Systems                           | ➤ Steam Condenser Level Control System                |
| ➤ Cargo & ballast tank level gauging and overflow alarm system | ➤ Impressed Current Cathodic Protection System (ICCP) |
| ➤ Fire alarm system / Smoke Alarm System.                      | ➤ Incinerator                                         |
| ➤ Marine growth and control system                             | ➤ Reverse Osmosis (RO) System                         |
| ➤ Impressed current control system                             | ➤ Fresh Water Generator System                        |



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## Marine Calibration

Calibration defines the accuracy and quality of measurements recorded using a piece of equipment. The goal of calibration is to minimise any measurement uncertainty by ensuring the accuracy of test equipment.

### Our Services

“Arrow Marine Tech” is ABS-QE Approved calibration Services as per ISO 17025 standard. We are world class and well-equipped instrument calibration service providers offering calibration services of the highest quality.

We ensure our calibration services by maintaining your instrument at the highest accuracy level. We catering services to Indian Ports and foreign Ports over 24 hrs. operation.

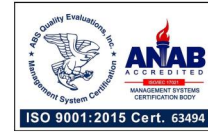
### Our Specialties

- ❖ Hermetic UTI Tapes, MMC Tapes, Tank tech UTI Tapes
- ❖ 15 ppm Bilge Alarm Monitor OWS , ODME Systems
- ❖ Multi Gas Detector, Fixed IG Oxygen Analyzer
- ❖ Fixed Gas Sampling System for WBT & Pump room
- ❖ Pressure & Temperature Calibrator, Barometer, Diving Depth Gauges
- ❖ Cargo Tank Gauging Systems, VECS Vapor– Omission Systems
- ❖ Boiler Water Level DP Transmitter, Boiler Compound Gauges
- ❖ Main Engine – Oil Mist Detector (OMD)
- ❖ Fire Detection and Alarms System, Smoke Detection System
- ❖ Main Engine & Aux Engine Alarms and Trips, Speed Sensors
- ❖ Flowmeter, Sound Level Meter, Lux Meter
- ❖ MSB/ & ESB Panel Meters of Volt Meter, Ammeter, KW Meter, Synchronizing Meter, Frequency Meter, RPM Meter, Main Breaker etc.
- ❖ Multi Process Calibrator, Multimeter Clamp Meter RTD Calibrator mA/mV Source meter





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## Quality Policy & Objectives :

- We at ARROW MARINE TECH are committed to all our Valued Customers, in the field of Automation / Calibration of Ships Pressure, Temperature & Gas Measuring Equipment's & System. Repair / Servicing of Shipboard Systems & Equipment's Including Repairs of PCB'S. Supply of Various Automation Spares.
- Repairs, Servicing, Testing and Sales of LSA/FFA.
- We will ensure that these services are provided of best quality and at competitive price, ensuring value for money and Customer Satisfaction.
- We are committed to comply with the Statutory and Regulatory requirements and continual improvement of the effectiveness of the Quality Management System.
- We will review the suitability of Quality Policy and Quality Objectives periodically and will ensure that it is communicated and understood within the organization.

## PROVIDE SERVICES AT INDIAN PORTS & FOREIGN PORTS :

- |           |             |                |
|-----------|-------------|----------------|
| ➤ Mundra  | ➤ Mangalore | ➤ Dubai        |
| ➤ Kandla  | ➤ Kakinada  | ➤ Singapore    |
| ➤ Sikka   | ➤ Kochi     | ➤ Hong Kong    |
| ➤ Hazira  | ➤ Chennai   | ➤ Turkey       |
| ➤ Pipavav | ➤ Tuticorin | ➤ South Africa |
| ➤ Dahej   | ➤ Vizag     | ➤ China        |
| ➤ JNPT    | ➤ Kolkata   | ➤ Srilanka     |
| ➤ Goa     |             |                |

## WHY CHOOSE US



**115+ PROVIDED VESSELS SERVICES**



**60+ HAPPY CUSTOMERS**



**200+ JOB COMPLETED**



**20+ Years of Experiences**



ARROW MARINE TECH



Clients :



Ullage Temperature  
Oil & Water Interface  
(UTI's)Tapes



DP Positioning  
Equipment's  
MDL FANBEAM.



DP Positioning  
Equipment's  
MDL FANBEAM.



DP Positioning  
Equipment's  
MDL FANBEAM.



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## Clients :





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## A Wide Variety of Spare Parts List :

| Sr No | Spare Parts                                  |
|-------|----------------------------------------------|
| 1     | Control Safety Systems Modules               |
| 2     | Control PCB Cards for RPM, Speed, Start Stop |
| 3     | Relays Cards                                 |
| 4     | PLC Modules                                  |
| 5     | Engine Control Systems                       |
| 6     | Power Cards                                  |
| 7     | HMI Screen                                   |
| 8     | Indicators                                   |
| 9     | Temperature Sensors                          |
| 10    | Switches                                     |
| 11    | Pressure Transmitters                        |
| 12    | Speed Pick Up Sensor                         |
| 13    | Oil Level Sensor                             |
| 14    | Engine Float Switches                        |
| 15    | Viscosity Indicator and Sensors              |
| 16    | Main Engine Peak Pressure Indicator          |
| 17    | RPM Meter Tachometer                         |
| 18    | Main Engine Telegraphs Spares                |
| 19    | Automatic Voltage Regulator (AVR)            |
| 20    | PMS Controller with the Program              |
| 21    | PMS Modules & PLC's                          |
| 22    | Main Breaker                                 |
| 23    | Contactors                                   |
| 24    | Relays                                       |
| 25    | ELCB                                         |
| 26    | Shut Trips                                   |
| 27    | Control Transformer                          |
| 28    | Switches                                     |
| 29    | Electrical Switch Gears Items                |
| 30    | Control Panels                               |
| 31    | Panel meters of Volt meter                   |
| 32    | Insulation Meter                             |
| 33    | KW Meter                                     |
| 34    | Ammeters                                     |
| 35    | Firing Sequence Controller                   |
| 36    | PLC Modules with the Program                 |
| 37    | Air / Level Controller                       |
| 38    | Water Level Controller                       |
| 39    | DP Level Transmitter                         |
| 40    | I2P Signal Converter                         |
| 41    | Control Valve                                |

| Sr No | Spare Parts                                   |
|-------|-----------------------------------------------|
| 42    | Solenoid Valves / Coils                       |
| 43    | Flame Eye Sensor                              |
| 44    | Photocell                                     |
| 45    | Fuel Pump                                     |
| 46    | Ignition Transformer                          |
| 47    | Ignition Cable                                |
| 48    | Oil Nozzles                                   |
| 49    | Pressure Switches                             |
| 50    | Portable Multi Gas Detectors                  |
| 51    | Sensors                                       |
| 53    | Gas Detection Tubes                           |
| 54    | Bellow Pumps                                  |
| 55    | LSA / FFA Equipment and Accessories Set       |
| 56    | Steering Gear Spares                          |
| 57    | Main Air Compressor                           |
| 58    | Feeder Pump                                   |
| 59    | Booster Pump                                  |
| 60    | Cargo Crane Spares                            |
| 61    | Welding Machine                               |
| 62    | Fresh Water Generator & Spares                |
| 63    | Refrigerant Systems Spares-Pressure Switch    |
| 64    | compressor & Spares Hydraulic Pumps & Valves  |
| 65    | Blower                                        |
| 66    | AC Compressor With Spares                     |
| 67    | Main F.W. Cooling Water Pump With Spares      |
| 68    | Turbocharger & Spares                         |
| 69    | HFO Marine Diesel & L.O. Purifier's Spares of |
| 70    | Control module PCB's                          |
| 71    | Solenoid Valves                               |
| 72    | Control Valves                                |
| 73    | Belts                                         |
| 74    | Oily Water Separator & Spares                 |
| 75    | 15ppm Bilge Alarm Monitor and Measuring cell  |
| 76    | Solenoid valves                               |
| 77    | Oil Level Probe                               |
| 78    | Control Cards                                 |
| 79    | Motor & Pumps                                 |
| 80    | Smoke/Heat Detectors                          |
| 81    | Manual Call Point                             |
| 82    | Zone Cards                                    |
| 83    | Various Fire Panels                           |





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## A Wide Variety of Spare Parts List :

| Sr No | Spare Parts                                |
|-------|--------------------------------------------|
| 84    | Detector Head Sensor                       |
| 85    | PCB Boards                                 |
| 86    | Oxygen Sensor                              |
| 87    | Analyzer                                   |
| 88    | Recorder and their Kits                    |
| 89    | UTI Tapes and their spare parts of Sensors |
| 90    | Measuring Tapes                            |
| 91    | PCB Boards                                 |
| 92    | Main Sea Water Cooling Pump & Spares       |
| 93    | Mechanical Seal                            |

| Sr No | Spare Parts                         |
|-------|-------------------------------------|
| 94    | Impeller                            |
| 95    | Anchor Anchor-Chain                 |
| 96    | Anchor/Mooring Winch-Spares Shackle |
| 97    | Kenter Shackle                      |
| 98    | Swivel Joint                        |
| 99    | Water Ingress system spares         |
| 100   | Level Sensors and Alarm Modules     |
| 101   | Cargo Tank Gauging Level Sensors    |
| 102   | Temperature and Pressure Sensor     |
| 103   | Indicators and their Kits           |

## Brands :



SIEMENS



Honeywell  
Enraf Tankssystem SA



OMRON

rexroth  
A Bosch Company



**ARROW MARINE TECH**

# Thank You

**Address :**

**Office No. 314, Arya Arcade Premises, Station  
Road, Vikhroli (W). Mumbai 400083. INDIA**

**Mobile Number :**

**+91 91672 67750 / +91 81698 89488**

**Email :**

**support@arrowmarinetech.com  
arrowmarinetech@gmail.com**