



QUALITY SOLUTIONS  
**COMPLETE**  
SOLUTION PROVIDER



**MIDDLE EAST FUJI ENGINEERING LLC**



# COMPANY PROFILE



As part of its expansion strategy, Middle East Fuji established **Middle East Fuji Engineering LLC** in 2010 to meet the growing demand for a comprehensive one-stop solution for equipment, spare parts, and after-sales services in the marine sector.

As a proud member of the **Fuji Trading Co., Ltd (Japan) Technical Network**, Middle East Fuji provides specialized after-sales services for Japanese, Korean, and European machinery and equipment manufacturers. Our technical expertise spans marine, offshore, and onshore engineering requirements.

In 2012, we extended our geographical reach by establishing **Middle East Fuji - Qatar**.

We're your **COMPLETE SOLUTIONS PROVIDER** for equipment supply, maintenance, and after sales support in the maritime, offshore, and onshore sectors.



## FACILITIES & SERVICES

- **Head Office, Warehouse & Workshop:** Strategically located in Al Quoz Industrial Area 3, Dubai.
- **Regional Offices:** Dubai & Fujairah in UAE; Doha & Ras Laffan in Qatar.
- **Authorized Engineers:** Over 40 certified engineers, trained by renowned Japanese, Korean, and European manufacturers, stationed in Dubai and Qatar.
- **Specialization:** Mechanical, Electrical, Automation, and Marine Safety Equipment.
- **Certifications:** ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018.
- **Additional Facilities:** State-of-the-art training rooms, fully equipped repair facility, clean room for cryogenic equipment repair, calibration lab.

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# SPECIALIZED ENGINEERING SERVICES



We are the authorized sales and service agent for a range of renowned Japanese, Korean, and European machinery manufacturers across the Middle East. Our offerings cover a wide array of mechanical, hydraulic, electrical, automation, and marine equipment services, ensuring high-quality maintenance and after-sales support.

## MECHANICAL

### Pumps & Turbine

- Comprehensive solutions for cargo, ballast, tank cleaning, stripping, feed, circulating, and vacuum pumps.
- Expertise in steam turbines and turbo generators, including
- **Authorized Manufacturers:** Shinko Industries, Taiko Kikai, Teikoku Machinery Works Ltd., Kosaka Laboratory, Shin Shin, (and others).

### Valve & Valve Control System

- Servicing of cryogenic safety relief valves, boiler/steam high-pressure safety valves, cargo & ballast valves, and boiler steam valves.
- Specialization in control systems for LNG/LPG applications and pressure/vacuum valves.
- **Authorized Manufacturers:** Fukui Seisakusho, Osaka Valves, Nakakita Seisakusho, Niikura Kogyo, PK Valves, (and others).

### Diesel Engine

- Comprehensive support for marine diesel engines (UEC) and marine diesel engines (B&W).
- **Authorized Manufacturers:** Akasaka Diesels Ltd., Makita Corporation.

### Hydraulic Equipment

- Service, repair, and periodic maintenance of hydraulic winches, windlasses.
- Maintenance and service of steering gear systems.
- **Authorized Manufacturers:** Nippon Pusnes, Fukushima, MHI.

### Other Marine Equipment

- Ballast water management systems.
- Servicing of marine composite boilers, exhaust gas heat recovery units, marine auxiliary boilers and burner management systems.
- Expertise in marine thermal oil heaters and shipboard incinerators.
- Service and support for marine vibration compensators.
- **Authorized Manufacturers:** Miura Co. Ltd., Volcano Co. Ltd., Gertsen & Olufsen (G&O), (and others).



# ELECTRICAL AUTOMATION & INSTRUMENTATION



## Deck Automation Equipment & Systems

- Automatic unloading systems (**AUS**) and pressure transmitters (**COP**).
- Cargo pump bearing temperature monitoring systems
- Tank Pressure & Temperature monitoring systems.
- Cargo tank level gauges, ballast tank level gauges, and draft gauges.
- Mechanical and electro-pneumatic tank level gauging systems.
- Testing & Servicing of hydraulic Valve remote control system (**VRCS**).
- Monitoring of manifold pressure and temperature detection systems and vapour emission control systems (**VECS**).
- Service, Calibration & Certification of fixed gas detection systems, portable Gas detectors.
- Service & Certification of portable **UTI** gauging units & others.
- Oil discharge monitoring and control systems (**ODME**).
- Water ingress detection systems and de-watering systems.
- **Authorized Manufacturers:** Nakakita, Shinko, HSH, Komyo, Kashiwa, Taiko Kikai

## Engine Room & Machinery Spaces Equipment & Systems

- Control and monitoring of boiler and automatic combustion systems, and incinerator control systems.
- Inert gas systems (**IGS**), and inert gas generators (**IGG**) & N2 generating system.
- Servicing of engine room alarm monitoring systems, M/E & A/E alarms and trips.
- Cargo oil pump turbine instruments and controls.
- Fuel oil viscosity control systems, **15PPM** bilge alarms, and oily water separators (**OWS**).
- Expertise in control valves and valve positioners, and temperature/pressure control loops.
- Service of engine oil mist detection systems, bow thruster controls, and steering gear systems.
- Fire Detection/Alarm systems, including water mist systems, for enhanced safety.
- M/E shaft power meter and Engine Power limiter (**EEXI**)
- Electrical services and certification of main and emergency switchboards (**VCB, ACB**, Energy meters) starter panels, alarm monitoring systems (**AMS**) & Power Management System (**PMS**).
- Upgradation of **ACB retrofit**. (All type of maker's ACB can be retrofitted)
- Servicing / testing & Installation **VFD** & Electrical control panels.

## Japanese Port Customs Approval (JPCA)

We are certified to handle the calibration and certification of CTMS for LPG Vessels as per Japanese Port Customs Approval requirements.

Our services include:

- Calibration and certification of cargo tank float-type level gauges (Make: Musasino & HSH).
- Calibration and certification of cargo tank pressure and temperature monitoring systems.
- Verification and sealing of gauges as per NKKK procedures.
- Submission of calibration reports for issuance of JPCA certification.

This ensures your systems comply with Japanese port regulations, providing you with seamless operations in the region.





# MARINE SAFETY SERVICES

## Lifeboats, Davits & Winches

- Lifeboat hook retrofit and modification for compliance with updated safety standards.
- Load testing for lifeboats, davits, rescue boats, and cranes.
- Annual and 5-yearly inspections of lifeboats, rescue boats, davits, and winch systems.
- Specialized services, including fall wire replacement, FRP repairs, lifeboat painting, and engine overhauls.

## Life Raft Services

- Certified life raft service, inspection, and rental, with the ability to exchange rafts for fully serviced and certified ones.
- All services are carried out at a service station approved by major OEMs, with certified life raft inspectors managing all aspects of servicing and certification.

## Additional Services

- Supply and certification of marine safety equipment, including life jackets, immersion suits, fireman suits, and chemical suits.
- Calibration and servicing of portable gas detectors and UTI tapes.
- Hydro testing and refilling services for SCBA, EEBD, MO2 cylinders, and fire extinguishers to ensure vessel safety compliance

## Fire Fighting Equipment Services

- Comprehensive inspection and servicing of high and low-pressure CO2 systems, fixed foam systems, water mist systems, and dry powder systems.
- Servicing of self-contained breathing apparatus (SCBA), emergency escape breathing devices (EEBD), and MO2 cylinders.
- Maintenance of fire alarm systems, portable, and non-portable fire extinguishers, and foam applicators.

**HOYER**  
MOTORS

## HOYER MARINE ELECTRIC MOTORS: NET ZERO EFFICIENCY AT SEA

Hoyer Marine Electric Motors are designed for unparalleled efficiency and reliability, ensuring your vessels operate at peak performance with minimal environmental impact.

### Key Features:

- **Durability & Performance:** Built to endure harsh marine environments, delivering robust power for all applications.
- **Marine Certification:** Approved by DNV, BV, CCS, RINA, KR, and ABS (PDA) for compliance with marine standards.
- **Immediate Availability:** Reduce downtime with strategically located stock in Dubai.

### VFD Systems:

Hoyer's Variable Frequency Drive (VFD) systems complement marine electric motors, optimizing energy consumption and enabling fine-tuned control over motor speed and torque. This integration enhances operational efficiency and supports our commitment to achieving net-zero emissions.

## PRE-DOCKING INSPECTION SERVICES

Our maker-trained engineers offer pre-docking inspections up to six months before your scheduled dry docking, helping you prevent unexpected issues. We visually inspect and test key systems, including:

- Cargo pumps (deep well & booster pumps)
- Safety relief valves
- Cargo tank monitoring systems
- Gas detection systems

Following the inspection, we provide a detailed report with findings, recommendations, and a quote for necessary parts and services. This allows you to plan maintenance efficiently and ensures a smooth, cost-effective docking.



# OUR NETWORK

## UNITED ARAB EMIRATES

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### GREECE

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### PEOPLE'S REPUBLIC OF CHINA

Fuji Trading (Shanghai) Co., Ltd.

### SINGAPORE

Fuji Trading (Singapore) Pte Ltd.  
Fuji Horiguchi Engineering Pte Ltd

### THE NETHERLANDS

Fuji Trading (Marine) B. V. Rotterdam

### UNITED KINGDOM

Fuji Trading Co Ltd., London Office

### BRAZIL

Fuji Metalock (Brasil) S.A.

### KOREA

Hanil-Fuji (Korea) Co, Ltd.

### UNITED STATES OF AMERICA

Fuji Trading (America) Inc.

### JAPAN

Fuji Trading Co., Ltd., Manila Office

