

AL NAJM AL THAQIB CONTRACTING CO.



AL-NAJM AL-THAQIB CO.
ONSHORE AND OFFSHORE PROJECTS



COMPANY CATALOGUE



**SCAN QR
FOR DOWNLOADING THE FULL CATALOGUE**

CREATIVE TEAM



MESSAGE FROM MD

We have the excellent and dedicated staffs, who deals with , the ultimate power to maintain the quality of services and standard of things we deal in, to enhance customers satisfaction and our performance, to be one of the best in the business we are in, so we walk side by side with the performers. The success and eminence of Al Najm Al Thaqib Contracting Co. began as the dream of one man extended to be transformed into the dream of many. We strive to accomplish our dreams and goals to bring greater effulgence in the future.



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APPROVED SUPPLY & SERVICE PROVIDER

SOME OF OUR PARTNERS



INSPECTION & LIFTING DEPARTMENT



ABOUT INSPECTION DEPARTMENT

Our company is already full Member in LEEA (Lifting Equipment Engineers Association), also approved from ABS & BV Classes, and all department members are fully approved by Lifting Equipment Engineers Association (LEEA). Also, we are Approved by **SAUDI ARAMCO** for Below the Hook Inspections & NDT Services, Listed in their Matrix.



OUR SERVICES

1. Inspection & Recertification of Lifting, Towing Equipment's.
2. Lifting Gears Inspection & Recertification
3. Rocking Test for Pedestal Cranes
4. Wire Ropes Socketing.
5. Wire Ropes Destructive Test.
6. Load Test Using Verified Test Weight or a Calibrated Load cell.
7. Welding Inspection Service
8. NDT Services (MPI , PT , UT)
9. Thickness Measurement of Miscellaneous Structural Members.
10. UT Flaw Detector Inspection with Reports.
11. Load Cell Calibration
12. Gas Free Test
13. Laser Alignment.
14. Bollard Pull Test Service.



Inspection & Recertification For

Forklifts	Lever Hoists	Cranes
Chains	Chain Blocks	NDT
Winches	Slings	Hooks
Wire Ropes	Shackles	MasterLinks

Our motivated team is composed of well-qualified Engineers (NEBOSH IGC, IOSH Managing Safely, PMP Preparation, ISO 9001/2015 Auditor, and Marine Master Preparation) and skilled technicians whom are regularly trained to cover most of the Marine & industrial inspection fields, with more than 20 years Experiences in above listed services.



GREAT value services



RENTAL & SUPPLY

Rental and supply of Water bags, Load cells, Lifting equipments, and Accessories.



UT

Ultrasonic Testing Thickness Gauge Service.



LOAD TEST

Load Test Using Verified Test Weight or a Calibrated Load cell.



NDT

Non-destructive testing & analysis techniques (MPI , PT , UT).

APPROVALS

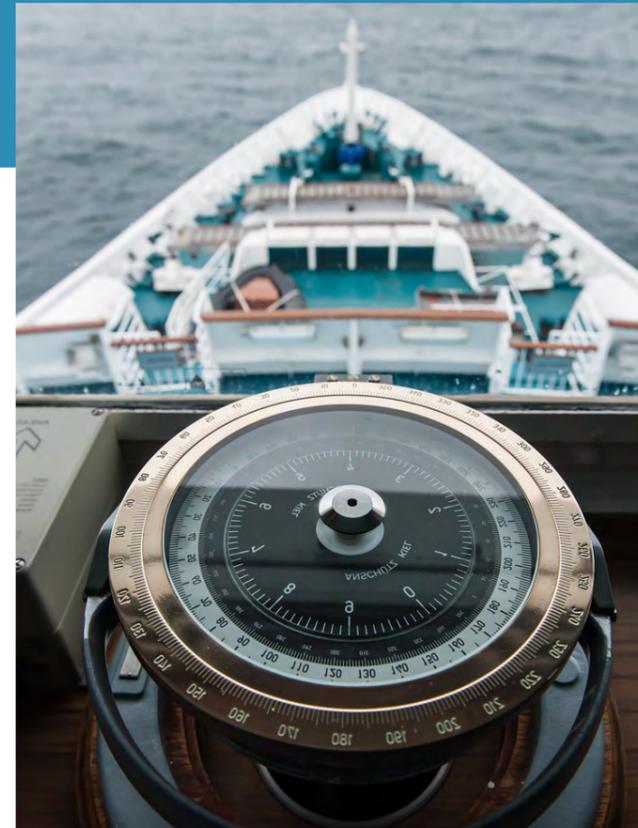
- Saudi Aramco (Below The Hook and NDT)
- ABS Class
- BV Class
- Full Member LEEA
- IRATA Approved Inspectors for Rope Access Services
- NDT Certified Inspectors (ASNT)
- CSWIP Certified Inspectors
- Drops Objects Prevention Surveys



ROPE ACCESS



NAVIGATION & COMMUNICATION DEPARTMENT



OFFSHORE OIL & GAS SOLUTIONS

- Heli-Deck Radio Communications
- DMR and conventional solutions
- Dispatcher Control and Command solutions
- Network Application Solutions
- Non Directional Beacons
- On board Communication systems
- Radio communication systems.
- Satellite communications (VSAT & Inmarsat)
- Radio propagation solutions & traffic analysis
- TETRA
- Weather monitoring and MET systems

We assist our Marine & Industrial clients to select suitable equipment and the most appropriate brand to meet specific needs, by supplying selected equipments at the best price, promptly at the door steps, through the professional installation and commissioning of communications and navigation equipment carried out by a team of highly qualified and experienced engineers and technicians.

We Install, supply, repairs and retrofit for marine navigation and communication system.

REPAIRS 

INSTALLATION 

SUPPLY 



RADIO SURVEYS

Attending to on-call Shipboard Radio Surveys on behalf of Classification Societies, we are presently approved by below classes;



PROVIDING

Back up Support and follow up services for

NAVIGATION

1. ARPA Radars
2. Automatic Identification Sys.
3. AutoPilot
4. BNWAS
5. Echo Sounder and ECDIS
6. Fiber Optic Gyro Compass
7. GPS/DGPS
8. Integrated Navigation Sys.
9. Magnetic Compass
10. Meteorological stations
11. Plotters: chart/radar
12. Sonars and Speed log
13. Super HD colour radars
14. Voyage data recorders (VDR & S-VDR)
15. Wind speed & direction sensors
16. Magnetic compass deviation card

COMMUNICATION

1. Fleet and Fleet Broad band
2. Iridium
3. VSAT
4. Satellite TV
5. EPIRB
6. GMDSS
7. HF/MF SSB Radios
8. Immarsat C/Mini M
9. Long range acoustic device(LRAD)
10. LRIT
11. NAVTEX
12. SART
13. SSAS
14. VHF/MF DSC Radios
15. VHF/UHF Handheld Radios

SAFETY & LIFE SAVING DEPARTMENT



ABOUT SAFETY & LIFE SAVING DEPARTMENT

Our mission is to deliver a supreme quality standard of servicing for all Safety and Life Saving appliances & Fire Fighting equipment on board the ships.

We are confident that all marine services entrusted to us by our clients will be carried out in accordance with IMO standards of regulation and Class societies; therefore, we ensure that our station and service engineers / technicians are well trained and authorized approved by well-known partner makers.



MARINE LIFE SAVING EQUIPMENTS

- Supply and servicing of life Rafts
- Supply and servicing of life Jackets
- Supply and servicing of immersion suit
- Supply of thermal protective aid
- Supply of life buoy
- Supply of life jacket/buoy light
- Supply of life raft accessories as several packs
- Supply of Pyrotechnics

SHIP SANITATION

We provides Ship Sanitation services and certification that corroborates a ship's compliance with maritime sanitation.



MARINE SAFETY EQUIPMENTS



LIFE RAFTS

Supply and servicing of life rafts Viking, Ningbo, Haining, Cunhong, Csm, Youlong etc.



BREATHING APPARATUS

Supply & servicing of breathing apparatus systems (SCBA) & Emergency escape breathing device (EEBD).



FIRE FIGHTING

Supply and servicing of fire fighting systems, portable and fixed.



RESCUE & LIFE BOATS

Supply and servicing of life boat, fast rescue boat & rescue boat (Annual and 5 years inspection, includes load testing)

To provide a servicing of Life Boats with Davit, Rescue Boat with Davit, and Fast Rescue Craft with Davit, hereby, we introduce to you that our organization is associated and authorized by the following benchmark makers listed below;



INSTRUMENTATION & ELECTRICAL DEPARTMENT



ABOUT INSTRUMENTATION DEPARTMENT

We provide a full service calibration and repair laboratory. We provide services to our customers in either our own environmentally controlled multi-laboratory facility or at their sites. We provide calibration and repair of electrical, temperature, pressure, flow, gas monitoring instruments as per BRITISH STANDARDS and also we are providing the test and calibration certificates for the above equipments. Our products & services are designed for well designed systems including PLC control systems, SCADA, HMI monitoring systems, Drives (AC/DC), Alarm, Log & PID systems.

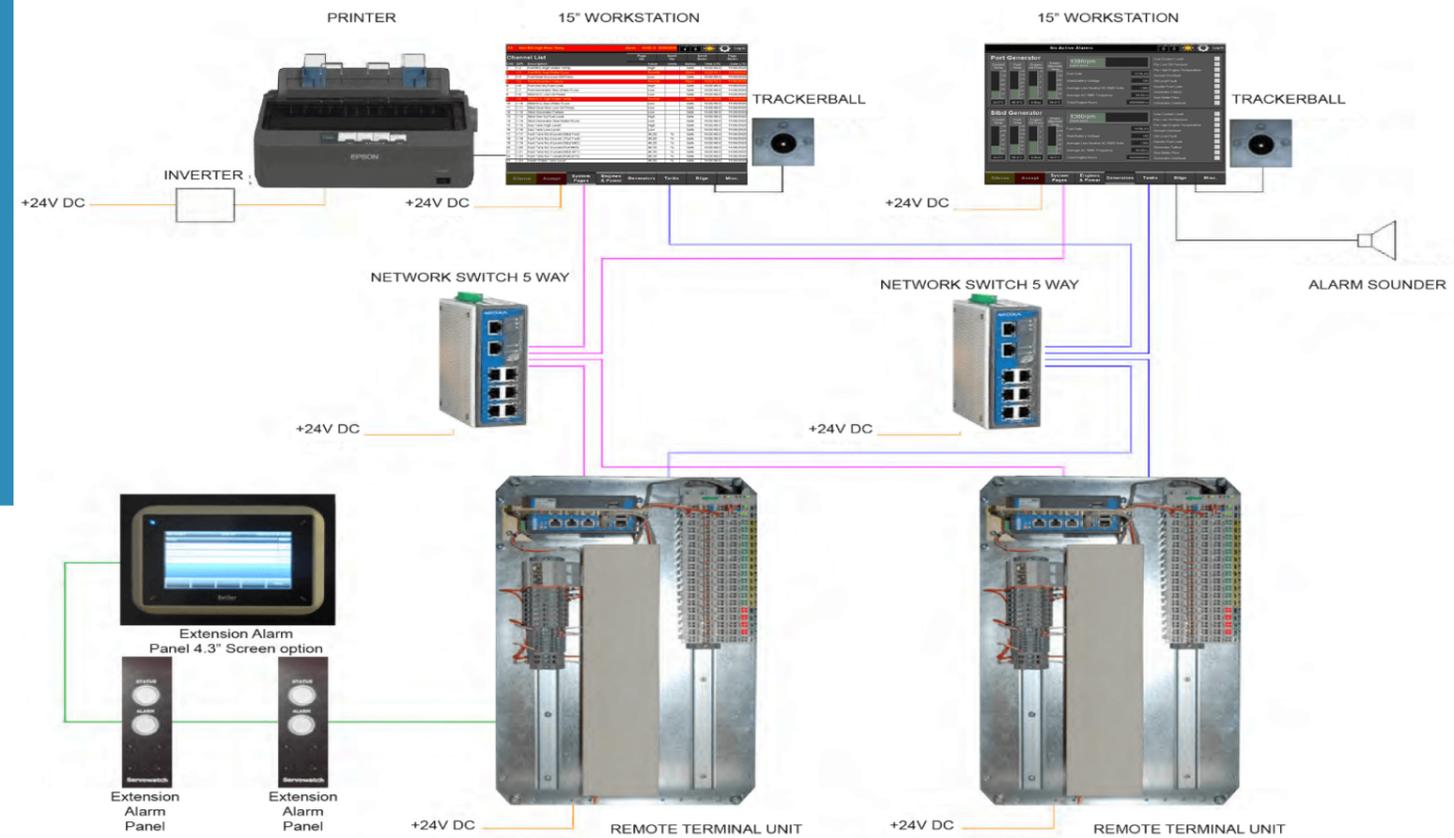
MARINE/INDUSTRIAL SECTOR

1. Calibration & Certification of Load Moment Indicator (LMI)
2. Calibration & Certification of Pressure Gauges /Relief Valves
3. Boiler Automation & Inert Gas System
4. M/E Monitoring / Control System
5. Generator alarm & Protection System
6. COP Temp. Monitoring System
7. Cargo Oil Pump AUS System
8. Pump Room Monitoring System
9. Gas Analyzers/ Toxic Gas Monitors & Fire alarm System
10. Ballast Tank / Void Spaces Hydrocarbon Monitoring System
11. Atmospheric/ Engine oil mist Detection System
12. Oily water separator/ Bilge alarm System
13. Telephone System/ P.A. System
14. Bunker management System
15. Tank Level Management System
16. Engine room Control Loops (temp, Press. & level)
17. Auxiliary Engine & Main Engine Fuel oil Viscosity control System
18. Marine Propulsion Control Sys. with CPP, Joystick & Steering sys.
19. Sewage treatment plant control system
20. Main Engine Pneumatic control system
21. Pneumatic/Electrical Valve Actuator Service/Repair/Calibration
22. Design, supply, and installation of breathing air cascade system
23. Supply & installation of bridge navigation watch alarm system
24. Supply and installation of anchor chain counter system
25. Noise Level Survey
26. Alarm Monitoring of Plc & Scada Based Control Systems

OUR PARTNERS



New Installation & Troubleshooting of Alarm Monitoring Systems



New Installation & Troubleshooting of Power Management Systems



INSTRUMENTATION & ELECTRICAL DEPARTMENT



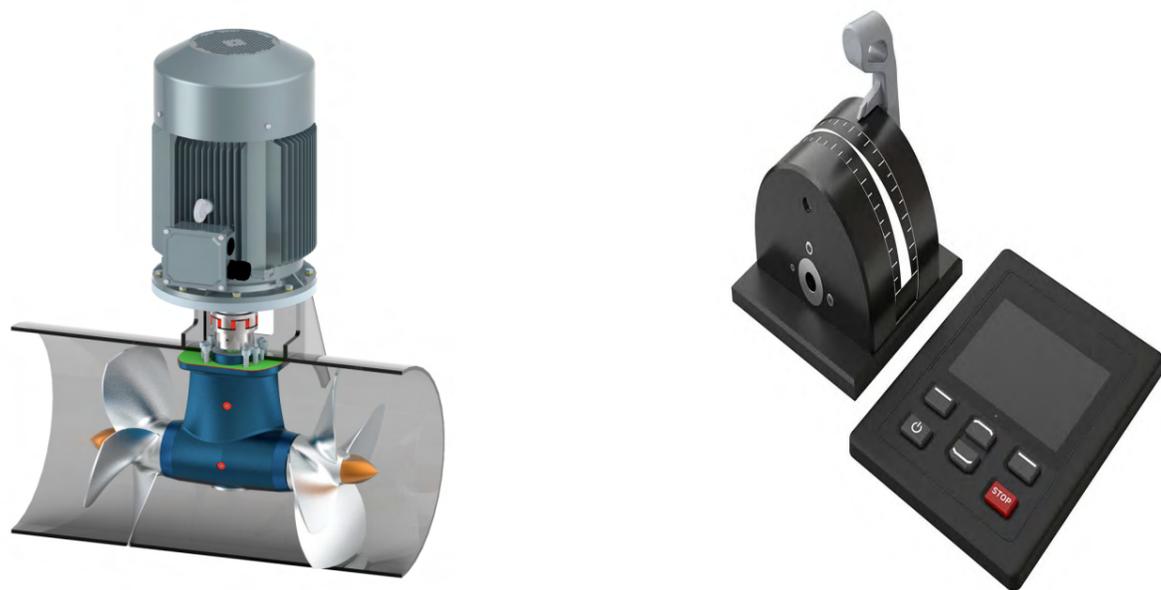
Switch Board ,Control Pannels Installation,Troubleshooting & Calibration



Engine Control of Automation



Installation & Troubleshooting of Engine Control Systems



Tunnel Thruster Systems Troubleshooting & Installation



INSTRUMENTATION & ELECTRICAL DEPARTMENT



CALIBRATION FACILITY



FLOW METER
Calibration



ELECTRONIC INSTRUMENTS
Calibration



LEVEL / TANK GAUGING
Units



BREATH ALCOHOL
Instruments



FIXED AND PORTABLE GAS
Instruments



TEMPERATURE & PRESSURE
Instruments

We also undertakes on-site Calibration of process Instruments



ELECTRICAL SECTOR

1. Power Management Systems Installation & Troubleshooting
2. Main Switch board panels repair/service
3. Electrical Motor Starter Panel repair/service
4. Towing winch, Anchor Winch - Electrical Control system repair
5. Galley electrical stove repairs
6. AC/DC Power distribution repair and new installation
7. Electrical Low insulation / Short troubleshooting & repair
8. Electrical Motors, Generators, Transformers service & rewinding
9. Emergency generator, Emergency LT, Operating Systems repair



Generator Alternator Troubleshooting & Rewinding

Electrical Motors REWINDING



OUR PARTNERS



MECHANICAL DEPARTMENT



ABOUT MECHANICAL DEPARTMENT

Our mission is to deliver a supreme quality standard of servicing for all Marine Mechanical Jobs (Engines, Generators set, Hydraulic, All types of Pumps, Firefighting PUMP, Firefighting Gearbox, Propulsion, Bolt tighten, Belzona, Air Conditioning, Gearbox, Welding, Laser alignment, Chockfast, vibration analysis).

Covering (AHSV – DSV – MUV – MOU – MOUD – TSV)

ENGINES SCOPE OF WORK

1. Overhauling
2. Repair
3. Supply (spare parts)
4. Reporting (Technical. Report)
5. Laser Alignment
6. Chock fast
7. Engine Health check
8. Product status report
9. Repairing
10. Machining
11. Safety device installation.
12. Troubleshooting
13. Vibration test



GREAT
value services

HYDRAULIC



1
Hydrostatic pressure test

2
Overhauling, Repair, & Machining

3
Supply (oil/grease / filters...etc)

4
Fabricating the Hydraulic System cycles.

5
Supply (spare parts)

6
Troubleshooting

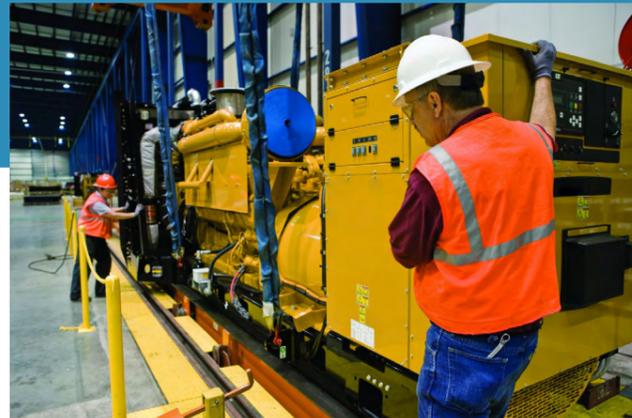
ALL TYPE OF PUMPS

1. Overhauling
2. Machining
3. Supply (spare parts)
4. Laser Alignment
5. Chock fast
6. Balancing for the rotating components.
7. Troubleshooting
8. Vibration test



PUMPS

MECHANICAL DEPARTMENT



GENERATORS SET

1. Bearing Inspection
2. Machining
3. Laser Alignment
4. Chock fast
5. Vibration test
6. Balancing for the rotating components
7. Troubleshooting
8. Rewinding
9. Vibration test



BELZONA

REPAIR SOLUTIONS

SUPPLY

POTENTIAL SOLUTIONS

Solids paste- & fluid-grade materials for metal rebuilding & erosion-corrosion & abrasion protection. for concrete repair & protection, expansion joints repair & replacement.



HVAC SYSTEMS

1. Supply (spare parts)
2. Overhauling
3. Repair
4. Troubleshooting
5. Heated exchanger hydrostatic pressure test & cleaning.
6. Rewinding
7. Compressor Overhauling



PROPULSION

- | | |
|-------------|------------------|
| Calibration | Troubleshooting |
| Gear repair | Hydraulic repair |



BOLT TIGHTEN

- | | |
|---------------------|-----------------|
| Rental equipment's | Annual Check-Up |
| Team Charge per day | Tighten plan |

MECHANICAL DEPARTMENT



FIREFIGHTING PUMP & GEAR BOX

- Supply (spare parts)
- Overhauling
- Repair
- Troubleshooting
- Health check



GEARBOX

1. Supply (spare parts)
2. Overhauling
3. Repair
4. Troubleshooting
5. Supply (oil / grease / filters etc)
6. Calibrations



WELDING

All Types of welding & fabrication Jobs



FLUID SAMPLE ANALYSIS

OIL - COOLANT - GREASE



CHOCKFAST

Chocking or grouting compound for use under marine main propulsion machinery in depths of 1/2" to 4 (12mm to 100mm). The compound is used under diesel and gas engines, reduction gears, generators, compressors, pumps, bearing blocks, crane rails and numerous other applications.

VIBRATION TEST

Vibration analysis functions based on machine running speed to help diagnose faults such as unbalance, misalignment and looseness. to take vibration measurements from assets like pumps, motors, fans and bearings.

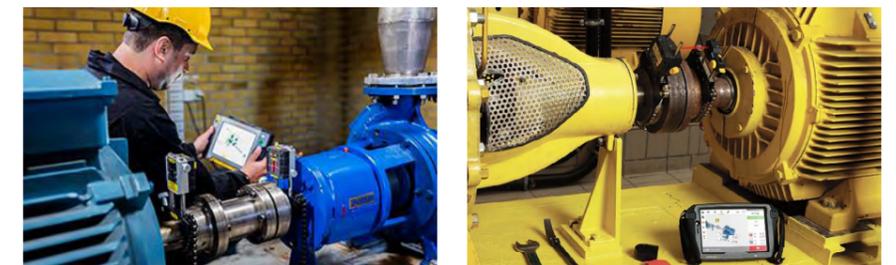
Vibration analysis technical report



LASER ALIGNMENT

1. Check base twist
2. Check bearing play
3. Check soft foot

Document and share the technical report results



With laser alignment can perform shaft alignment of horizontally and vertically/flange mounted machines, and align machine trains with an unlimited number of machines. You can also measure twist of foundation, soft foot, bearing clearance, and more.

Align the machine (alternator, engine , gear box, pump, motor, etc...)

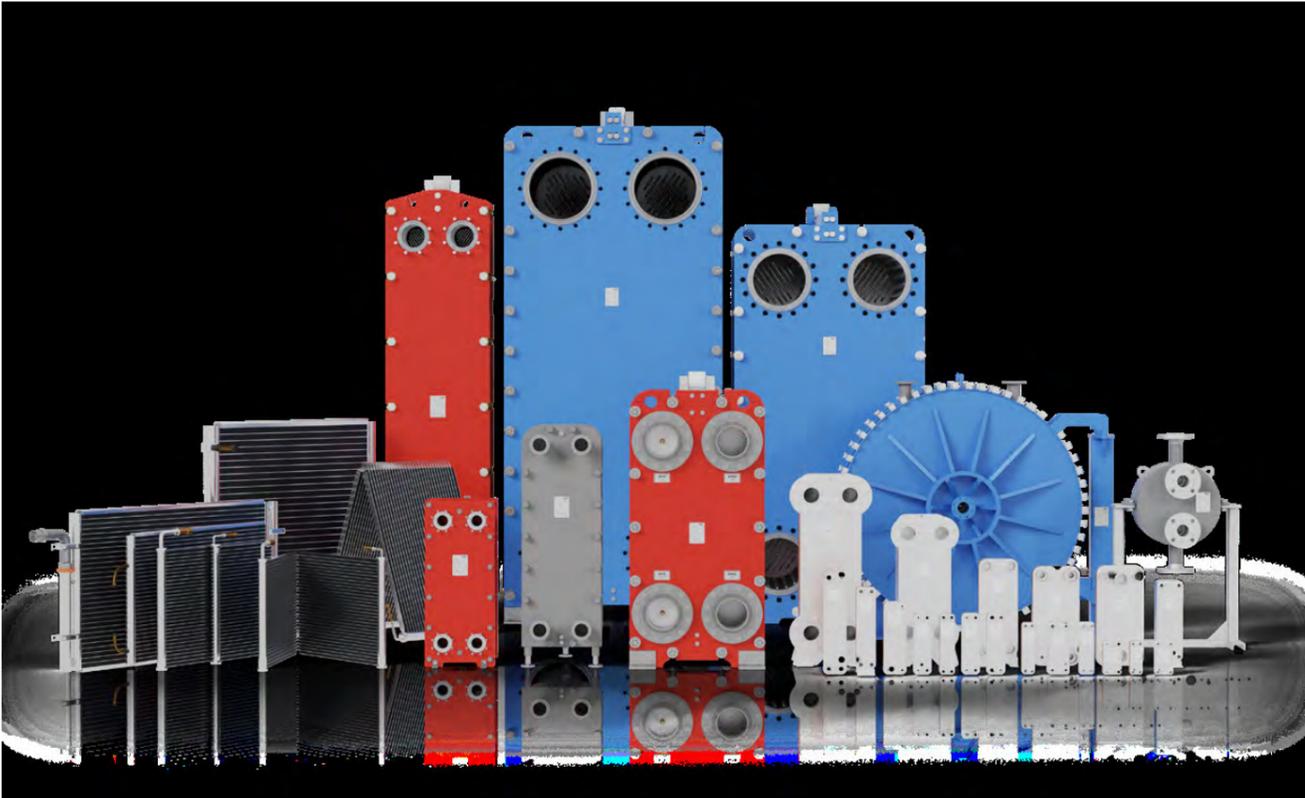


DISTRIBUTOR OF DANFOSS HEAT EXCHANGERS OF ALL MARINE TYPES

ALL KINDS OF EQUIPMENTS WE PROVIDE FOR RENTAL



- Gasketed HEX**
 - Standard plate HEX
 - Semi welded plate HEX
 - Free Flow plate HEX
 - Sanitary plate HEX
 - Evaporators
 - Condensers
- Welded HEX**
 - Plate and shell HEX
 - Spiral HEX
- Brazed HEX**
 - Fishbone Brazed HEX
 - Micro Plate brazed HEX
- Micro channel**
 - Flate condenser
 - Formed condenser
 - Slab evaporator
 - Folded evaporator
 - Interlaced MCHE
 - V-coil



SALES DEPARTMENT



Having a strong sales team is critical to the success of any company, which is why we have a well-trained, positive team that has great listening and patience to hear our customers so that we can provide them with fast and accurate solutions, as well as the ability to multitask and analyze customer requests quickly no matter how large, We make sure the team stays up-to-date with the latest trends in marine products and technology, so that we can accurately understand our customers' needs and provide the right advice and the right product.



Our motivated team is composed of well-qualified Engineers (PMP Preparation) & skilled Coordinators whom are regularly trained to cover most of the marine fields, with more than 10 years Experiences in above listed services, & all works as per ISO 9001/2015 regulations and with high level of cyper security systems to maintain your data & your email communications safe.

We have a team that deals professionally with all orders & general sales, in addition to specialized coordinators in all departments for technical requests specialized in their scope of work. The entire team has the ability to multitask with precision, speed & professionalism, all so that we can serve you, fulfill your requests, provide you with fast & accurate solutions and quickly analyze your requests regardless of how many.



SAFETY AND LIFE SAVING PRODUCTS

- | | |
|-------------------------|-----------------------------|
| Life Rafts / Jackets | Fire Fighting Equip. |
| Life Raft accessories | Pyrotechnics / Publications |
| General Consumables | Immersion/Fireman Suits |
| Life jacket/buoy lights | SCBA - EEBD |



NAVIGATION & COMMUNICATION PRODUCTS

- | | |
|-----------------|-------------------|
| Portable Radios | Fleetbroadband |
| Fixed Radios | EPIRB - SART |
| GPS - DGPS | AIS - BNWAS |
| Wind Systems | Gyro/Mag. Compass |



ELECTRONIC & ELECTRICAL INSTRUMENTS

- | | |
|--------------------|-----------------------|
| Control Systems | Fire alarm System |
| Generator alarm | Gas detection system |
| Protection Systems | breathing air cascade |
| Monitoring Systems | anchor chain counter |



TOWING, LIFTING GEARS & EQUIPMENT'S

- | | |
|------------|--------------|
| Water Bags | Load Cells |
| Chains | Chain Blocks |
| Pad Eyes | Slings |
| Wire Ropes | Shackles |

DEPARTMENT CONTACTS



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