

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 THE MANAGEMENT

To embark on a journey of success, one needs the tools of preparedness, foresight, and strategy. These lead to the path of growth and high-quality operations. It is imperative to combine these three forces within the industry.

Gearing up for the future, we possess the key success factors necessary to withstand the winds of change. We encourage the development of a highly skilled, creative, and hardworking team, supported by state-of-the-art infrastructure.

We have excellent and dedicated staff who hold the ultimate responsibility for maintaining the quality of our services and the standards of everything we deal in, enhancing customer satisfaction and our overall performance. Our goal is to be among the best in the business we operate in, walking side by side with top performers.

The success and eminence of Al Najm Al Thaqib Contracting Co. began as the dream of one man and have grown to become the dream of many. We strive to accomplish our goals and bring greater brilliance to the future.



Managing Partner Eng. Basil Al Hanbali

Mobile: 054 675 2222



ENG. MOHAMMED AL HANBALI

General Manager

Mobile: 0506827905

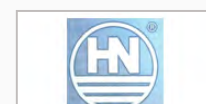
E-Mail: mohammed@nteprojects.com

أرامكو السعودية
saudi aramco



APPROVED SUPPLY & SERVICE PROVIDER

SOME OF OUR PARTNERS



INSPECTION & LIFTING DEPARTMENT

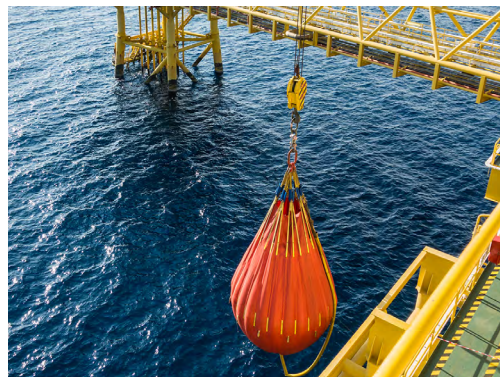


ABOUT INSPECTION DEPARTMENT

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 and Backlash 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 , ET)
9. Hull Thickness Gauging Measurement (ABS & BV).
10. UT Flaw Detector Inspection with Reports.
11. Load Cell Calibration
12. Gas Free Test
13. Crane Health Check (for 6 months)
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 (ISO 9001:2015 Internal Auditors, Rope access level III, LEEA certified, NDT level II certified and CSWIP-certified Welding Inspectors) and skilled technicians who are regularly trained to cover most areas of marine services and inspection. The team has over 12 years of experience in the above-listed services.

GREAT value services



RENTAL & SUPPLY

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



LOAD TEST

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



UT

Ultrasonic Testing Thickness Gauge Service.



NDT

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

APPROVALS

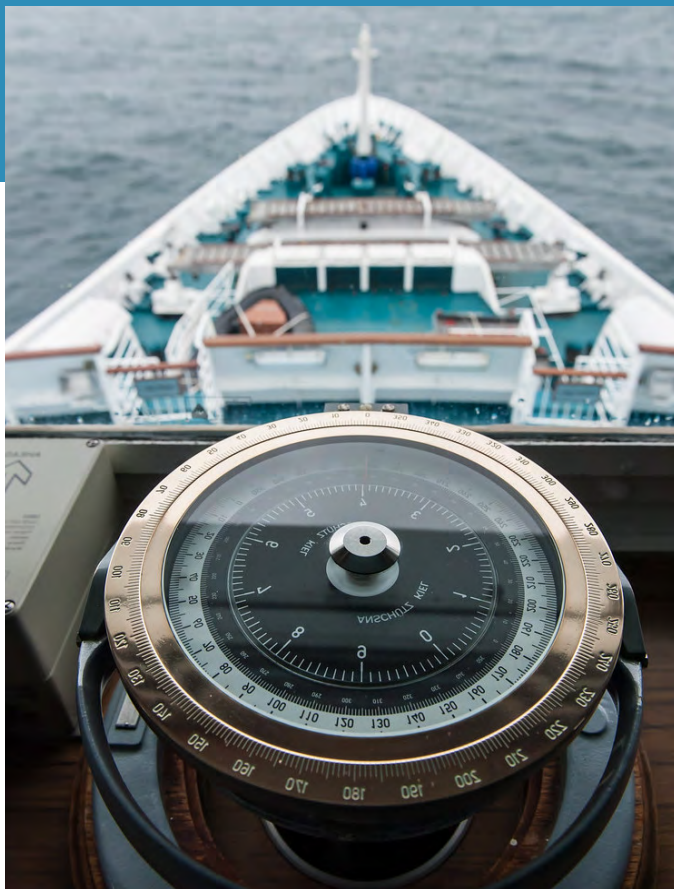
- Saudi Aramco (Below The Hook and NDT)
- ABS Class
- BV Class
- Full Member **LEEA**
- IRATA Approved Inspectors for Rope Access Services
- NDT Certified Inspectors (ASNT)
- CSWIP Certified Inspectors
- Drops Objects Prevention Surveys



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 Calibration , Installation & Repair
5. Echo Sounder and ECDIS
6. Fiber Optic Gyro Compass & Gyro Services
7. GPS/DGPS
8. Integrated Navigation Sys.
9. Magnetic compass deviation card
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 Calibration, installation & Repair

COMMUNICATION

1. Fleet and Fleet Broad band
2. Iridium
3. VSAT & Satellite TV
4. VHF/UHF Handheld Radios
5. EPIRB
6. GMDSS & RADIO Surveys
7. HF/MF SSB Radios
8. Immarsat C/Mini M
9. Air band Radio (Aviation)
10. LRIT
11. NAVTEX
12. SART
13. SSAS
14. VHF DSC Radios
15. All Navigation & Communication equipments Installation, Repair and Calibration

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
- Supply & Services of Breathing Apparatus
- Supply & Services of Fire Fighting Equipments
- Supply & Services of Rescue & Life Boats

SHIP SANITATION

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



CLASSES
SOCIETY
APPROVALS



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

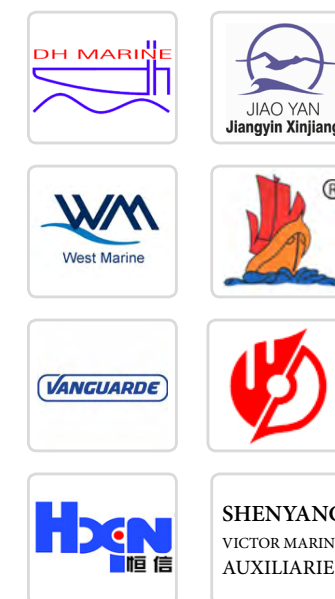
Supply and servicing of life boat, fast rescue boat & rescue boat (Annual and 5 years inspection, includes load testing)

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;

LIFERAFTS APPROVALS



LIFEBOATS AND DAVITS



FLAG APPROVALS



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.

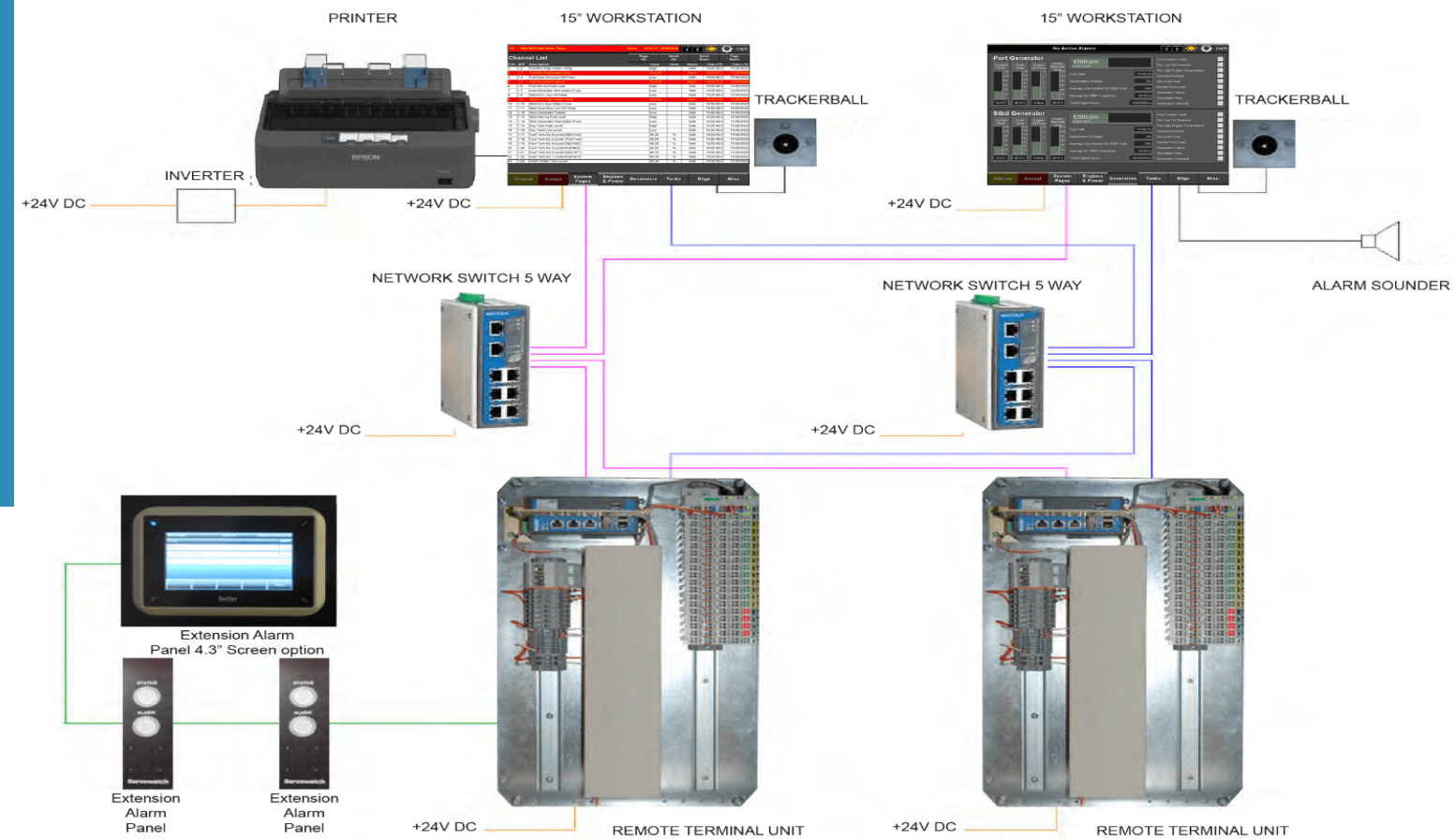
MARINE/INDUSTRIAL SECTOR

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. Fixed & Portable gas Alarm System
7. Cargo Oil Pump AUS System
8. Pump Room Monitoring System
9. 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

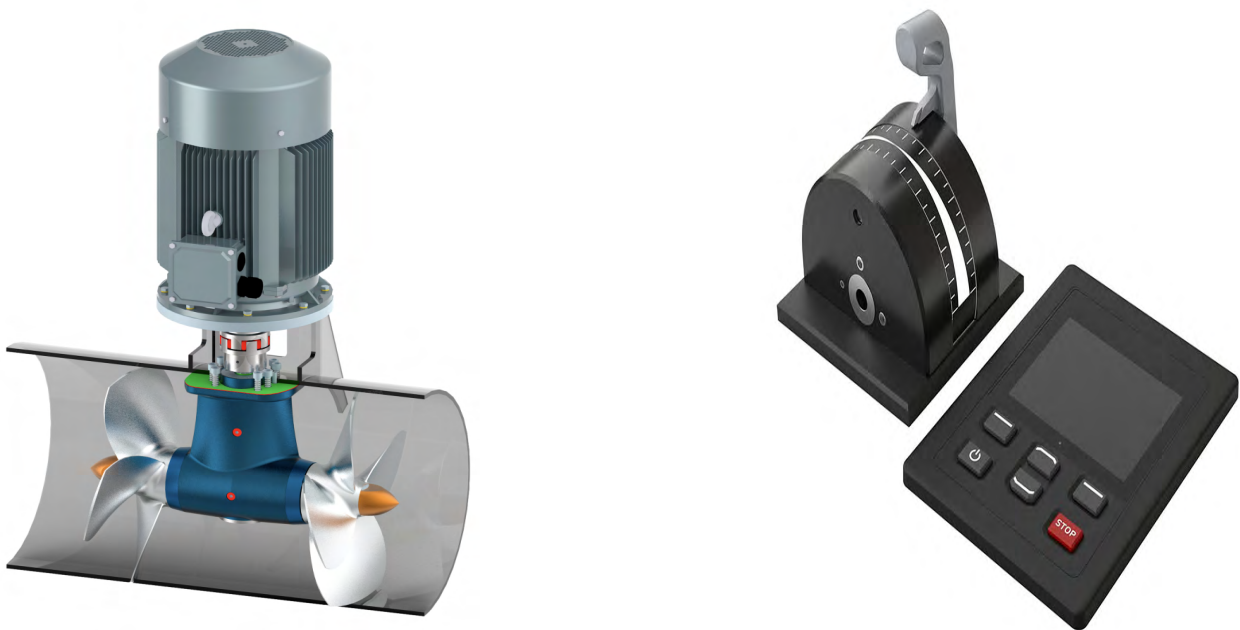




Engine Control of Automation



Installation & Troubleshooting of Engine Control Systems



Tunnel Thruster Systems Troubleshooting & Installation



INSTRUMENTATION & ELECTRICAL DEPARTMENT



CALIBRATION FACILITY



FLOW METER
Calibration

MECHANICAL DEPARTMENT



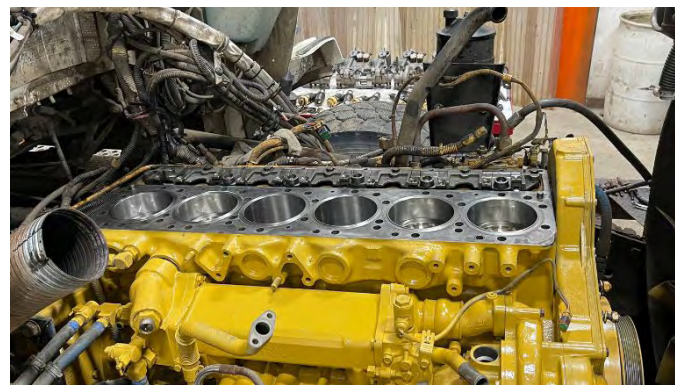
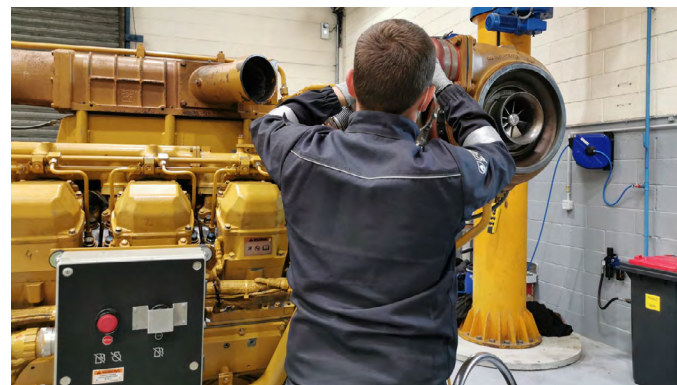
ABOUT MECHANICAL DEPARTMENT

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 🚚

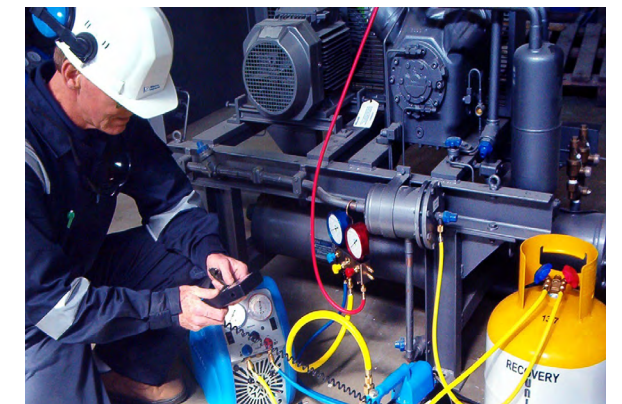
POTENTIAL SOLUTIONS

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

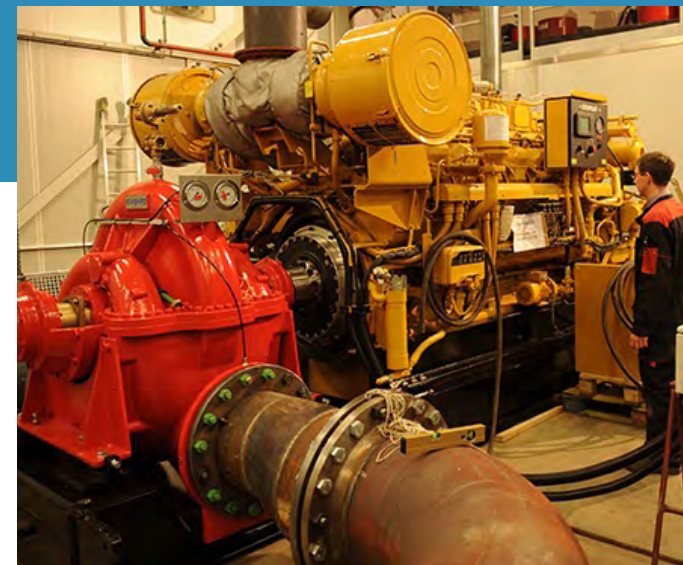
- | | |
|-------------|------------------|
| Calibration | Troubleshooting |
| Gear repair | Hydraulic repair |



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



CHOCKFAST

Chocking or grouting compound for use under marine main propulsion machinery in depths of ½" 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.

GEARBOX

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



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



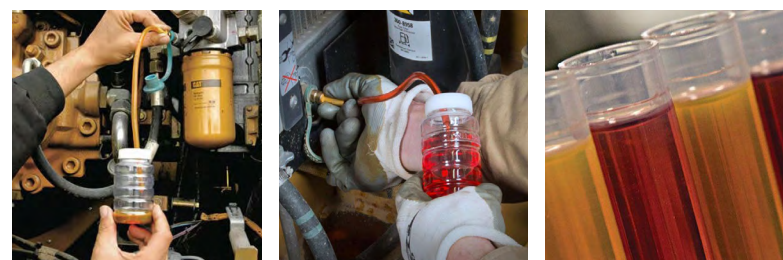
WELDING

All Types of welding & fabrication Jobs



FLUID SAMPLE ANALYSIS

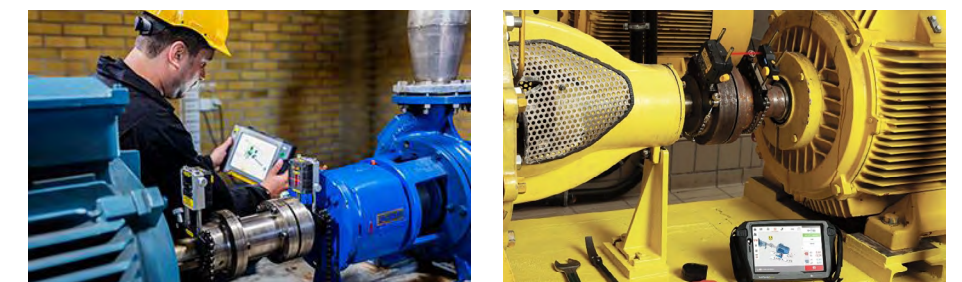
OIL - COOLANT - GREASE



LASER ALIGNMENT

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

Document and share the technical report results



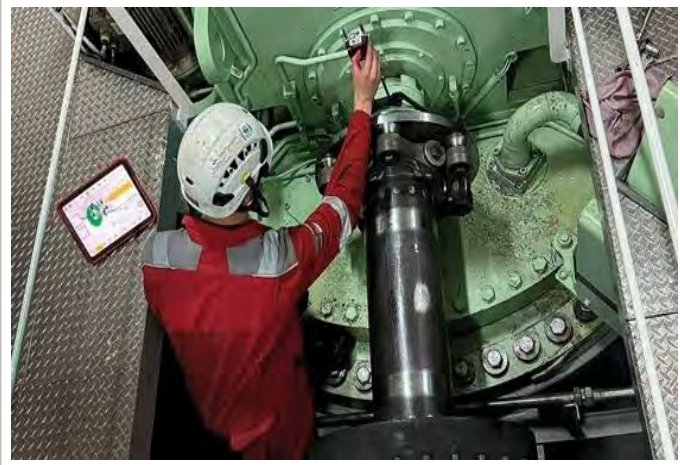
With laser alignment can perform shaft alignment of horizontally and vertically/flange mounted machines, and align machine trains with an unlimited number of machines. You can also measure twist of foundation, soft foot, bearing clearance, and more.

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



PROPULSION SHAFT LINE BORE LASER ALIGNMENT

- Propulsion Shaft Bearing Line Bore Laser Alignment ensures precise alignment of propulsion shaft bearings using advanced laser technology.
- This service eliminates misalignment that can cause vibration, bearing wear, and energy loss. By achieving micrometer-level accuracy.



ALL KINDS OF EQUIPMENTS WE PROVIDE FOR RENTAL

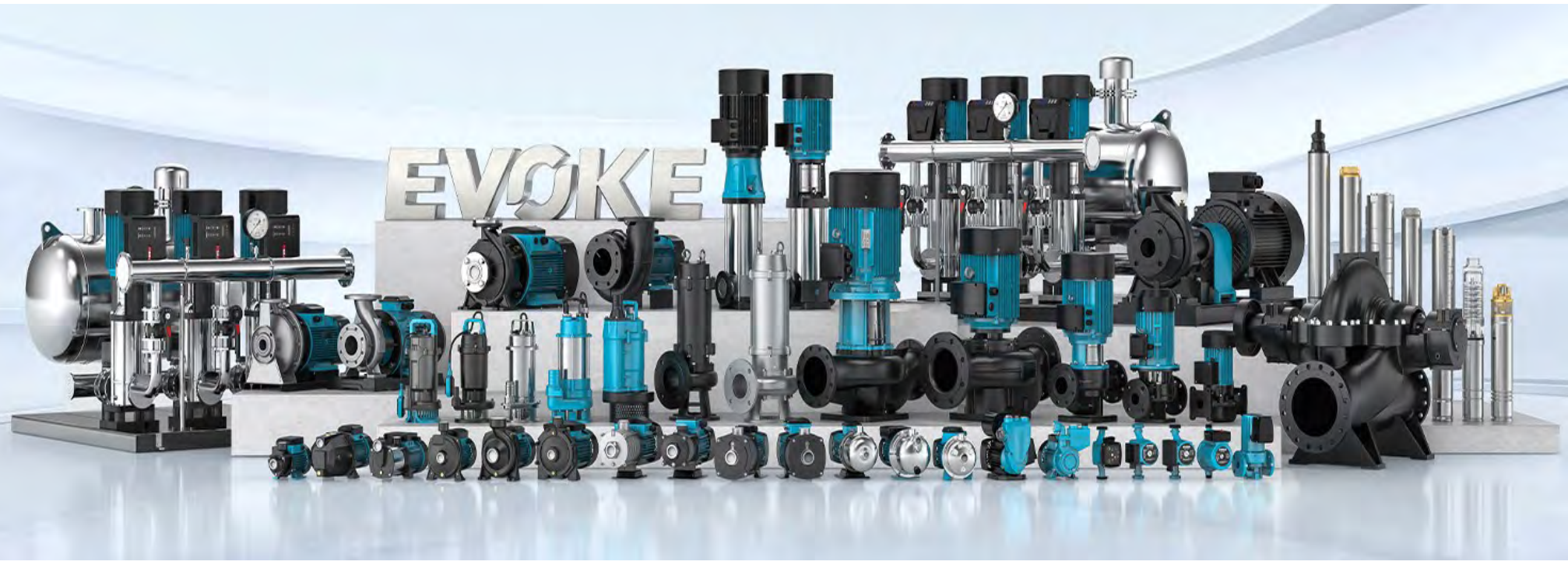


MECHANICAL DEPARTMENT

EVOKE



Authorised Dealer for Sales and Service



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Vertical Pipeline Circulation Pump

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EST

Close Coupled Centrifugal Pump

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ES/ESM

End Suction Centrifugal Pump

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LLT

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WLT

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EPH/EPV

Horizontal/Vertical Pipeline Pump

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ESC

Double Suction Split Case Pump

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EST

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ESD

End Suction Centrifugal Pump

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CDL

Centrifugal Double Suction Centrifugal Pump

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ESC

End Suction Centrifugal Pump

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EDP

End Suction Centrifugal Pump

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ES/ESM

End Suction Centrifugal Pump

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EV

Vertical End Suction Centrifugal Pump

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XBD-GJ

Long Suction Vertical Centrifugal Pump

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EPH/EPV

Horizontal/Vertical Pipeline Pump

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EGP

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CPM

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EHM-EA

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EHI-EA

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SCP

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SALES DEPARTMENT

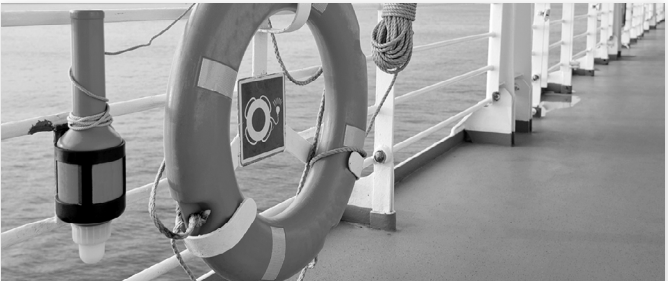


Having a strong sales team is critical to the success of any company, which is why we have a well-trained, positive team that has great listening and patience to hear our customers so that we can provide them with fast and accurate solutions, as well as the ability to multitask and analyze customer requests 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 & 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 Standards and with high level of cyber 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 |
| General Consumables | Immersion/Fireman Suits |
| Life jacket/buoy lights | SCBA - EEBD |

Publications



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



INSPECTION & LIFTING



SCAN QR CODE FOR CONTACTS DETAILS

INCHARGE



MR. AHMED FAROUK

☎ 05430 62271, 05602 84580

✉ inspection2@nteprojects.com



COORDINATOR

MR. AMAN ALAM

☎ 053 9123 064

✉ inspection1@nteprojects.com

LANDLINE

☎ +966 (13) 361-7065 / 361-7005

☎ +966 (13) 361-7004 Ext. 124 & 104



SAFETY & LIFE SAVING



SCAN QR CODE FOR CONTACTS DETAILS

INCHARGE



MR. JEFFERSON

☎ 053 974 1254

✉ operation3@nteprojects.com

COORDINATOR



MR. EDGARDO O. VEGA

☎ 055 245 1198

✉ operation1@nteprojects.com

LANDLINE

☎ +966 (13) 361-7065 / 361-7005

☎ +966 (13) 361-7004 Ext. 101 & 102



MECHANICAL DEPARTMENT



SCAN QR CODE FOR CONTACTS DETAILS

INCHARGE



MR. MOHAMMED KHALIL

☎ 050 533 9388

✉ mechtech@nteprojects.com

COORDINATOR



MR. TASANNIF

☎ 050 3688 692

✉ mechtech1@nteprojects.com

LANDLINE

☎ +966 (13) 361-7065 / 361-7005

☎ +966 (13) 361-7004 Ext. 101 & 102

GENERAL MANAGER ENG. MOHAMMED AL. HANBALI



☎ 050 682 7905

✉ mohammed@nteprojects.com



SALES DEPARTMENT



SCAN QR CODE FOR CONTACTS DETAILS

MANAGER



MR. ADHAM SOLAIMAN

☎ 055 481 0232

✉ salesassist1@nteprojects.com

ASSISTANT MANAGER



MR. ABDUL AZEEZ

☎ 055 072 0031

✉ salesassist4@nteprojects.com

LANDLINE

☎ +966 (13) 361-7065 / 361-7005

☎ +966 (13) 361-7004 Ext. 110



NAVIGATION & COMMUNICATION



SCAN QR CODE FOR CONTACTS DETAILS

INCHARGE



MR. JEFFERSON

☎ 053 974 1254

✉ operation3@nteprojects.com

SERVICE ENGINEER



MR. AHMED SAYED

☎ 054 687 9137

✉ navigation4@nteprojects.com

☎ +966 (13) 361-7065 / 361-7005

☎ +966 (13) 361-7004 Ext. 102

COMPANY CONTACT

☎ +966 (13) 361-7065

☎ +966 (13) 361-7004 / 361-7005

✉ info@nteprojects.com

✉ sales@nteprojects.com

SAFETY OFFICER MR. ABDUL TAHER



☎ 0539 481 321

✉ operation@nteprojects.com



INSTRUMENTATION & ELECTRICAL



SCAN QR CODE FOR CONTACTS DETAILS

INCHARGE



MR. BINU SURESH BABU

☎ 053 526 8457

✉ binu@nteprojects.com

COORDINATOR



MR. JIMMY

☎ 053 952 5361

✉ instrumentation1@nteprojects.com

LANDLINE

☎ +966 (13) 361-7065 / 361-7005

☎ +966 (13) 361-7004 Ext. 114



LOGISTICS DEPARTMENT



SCAN QR CODE FOR CONTACTS DETAILS

COORDINATOR



MR. ESLAM

☎ 054 592 5597

✉ logistics2@nteprojects.com

COORDINATOR



MR. MIDHUN MATHEW

☎ 055 683 7520

✉ logistics3@nteprojects.com

LANDLINE

☎ +966 (13) 361-7065 / 361-7005

☎ +966 (13) 361-7004 Ext. 101 & 102



PURCHASING DEPARTMENT



SCAN QR CODE FOR CONTACTS DETAILS

INCHARGE



MR. MANOHARATHAS

☎ 053 377 2913

✉ purchasing3@nteprojects.com

COORDINATOR



MR. AKRAM

☎ 053 772 7345

✉ purchasing1@nteprojects.com

LANDLINE

☎ +966 (13) 361-7065 / 361-7005

☎ +966 (13) 361-7004 Ext. 111