

# 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



**ENG. MOHAMMED AL HANBALI**

General Manager

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E-Mail: mohammed@nteprojects.com



APPROVED SUPPLY & SERVICE PROVIDER

## SOME OF OUR PARTNERS



## 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



# INSPECTION & LIFTING DEPARTMENT



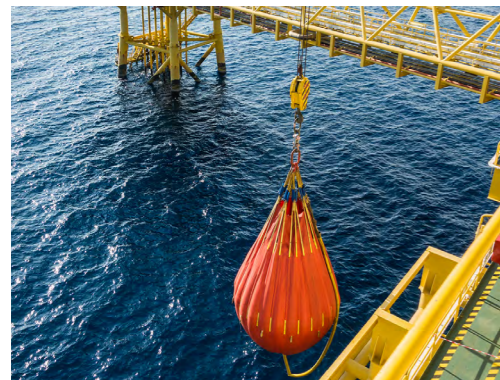
## ABOUT INSPECTION DEPARTMENT

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.



### 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 , ET).

## APPROVALS

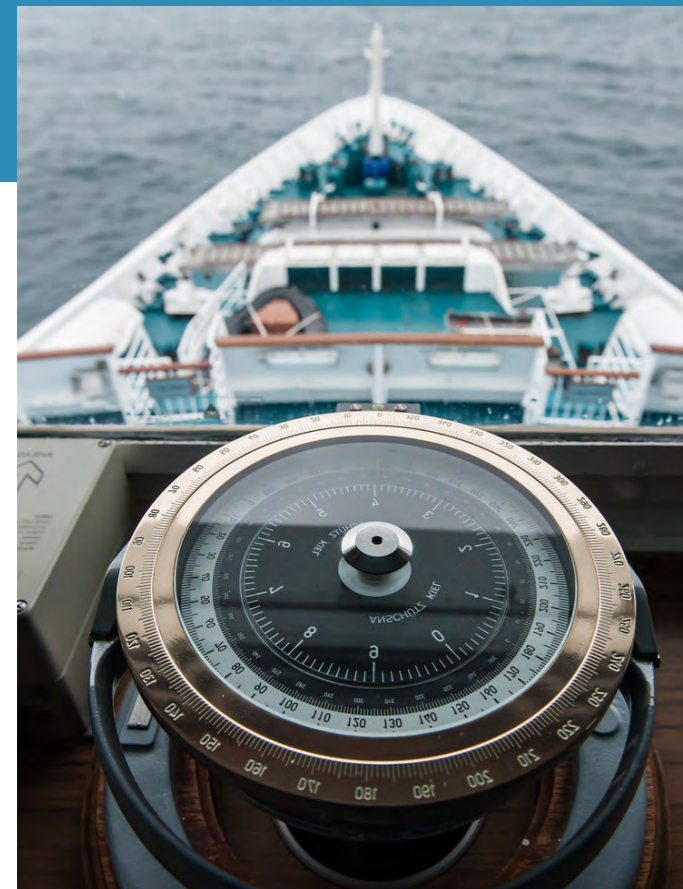
- Saudi Aramco (Below The Hook and NDT)
- ABS Class
- BV Class
- Full Member **LEEA**
- IRATA Approved Inspectors for Rope Access Services
- NDT Certified Inspectors (ASNT)
- CSWIP Certified Inspectors
- Drops Objects Prevention Surveys



## 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.



## 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

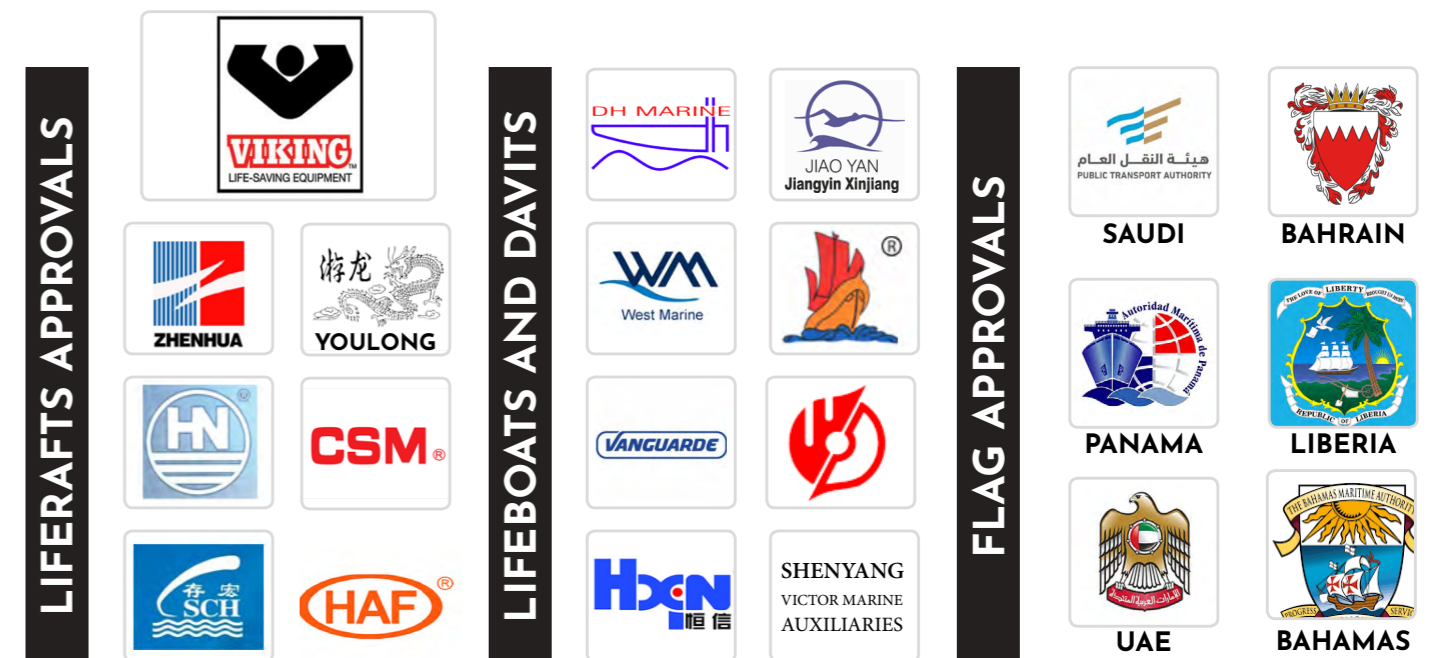
Supply and servicing of fire fighting systems, portable and fixed.



### 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

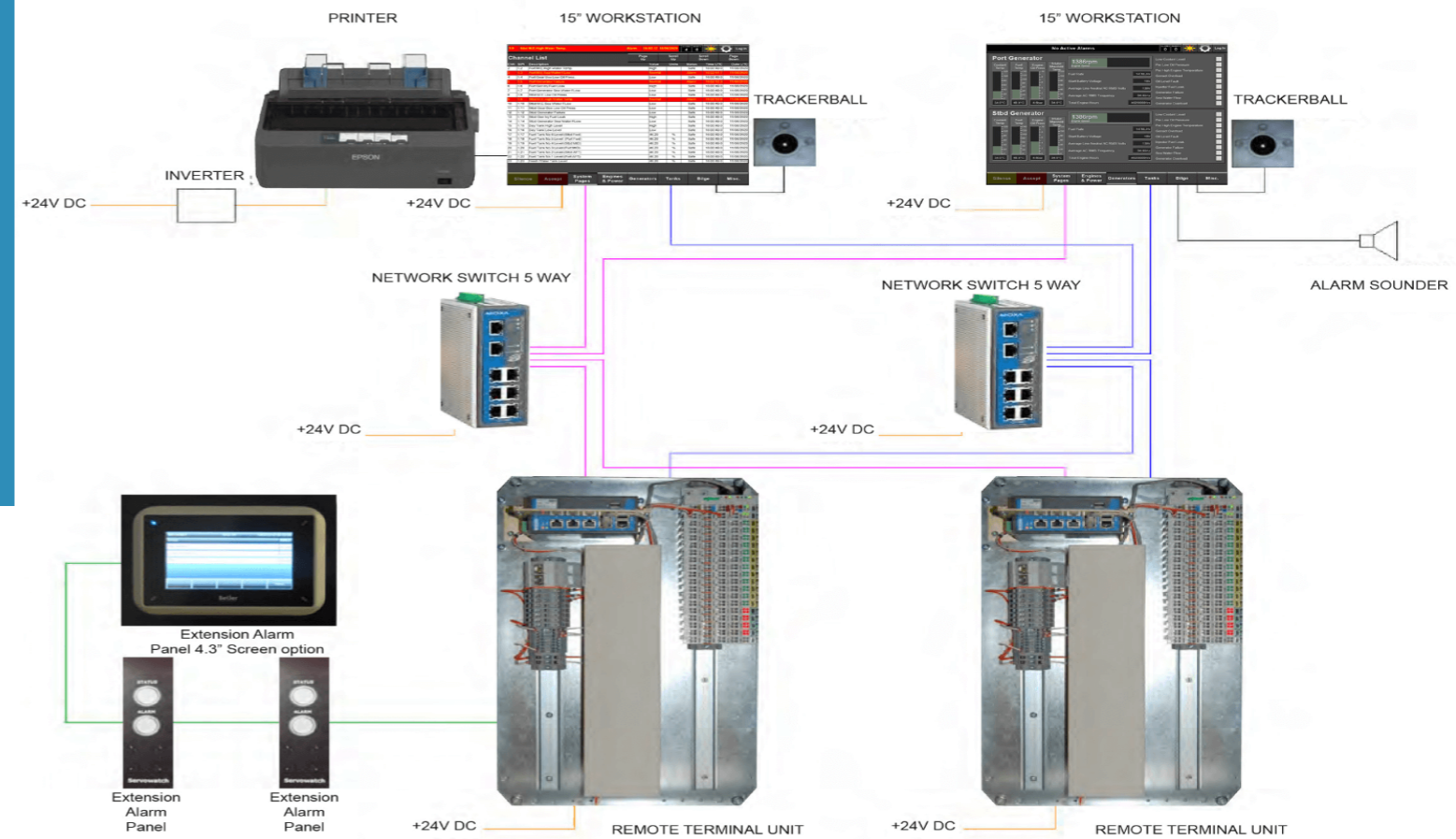
1. Calibration & Certification of Load Moment Indicator (LMI)
2. Calibration & Certification of Pressure Gauges /Relief Valves
3. Boiler Automation & Inert Gas System
4. M/E Monitoring / Control System
5. Generator alarm & Protection System
6. Fixed & Portable gas Alarm System
7. Cargo Oil Pump AUS System
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



# INSTRUMENTATION & ELECTRICAL DEPARTMENT



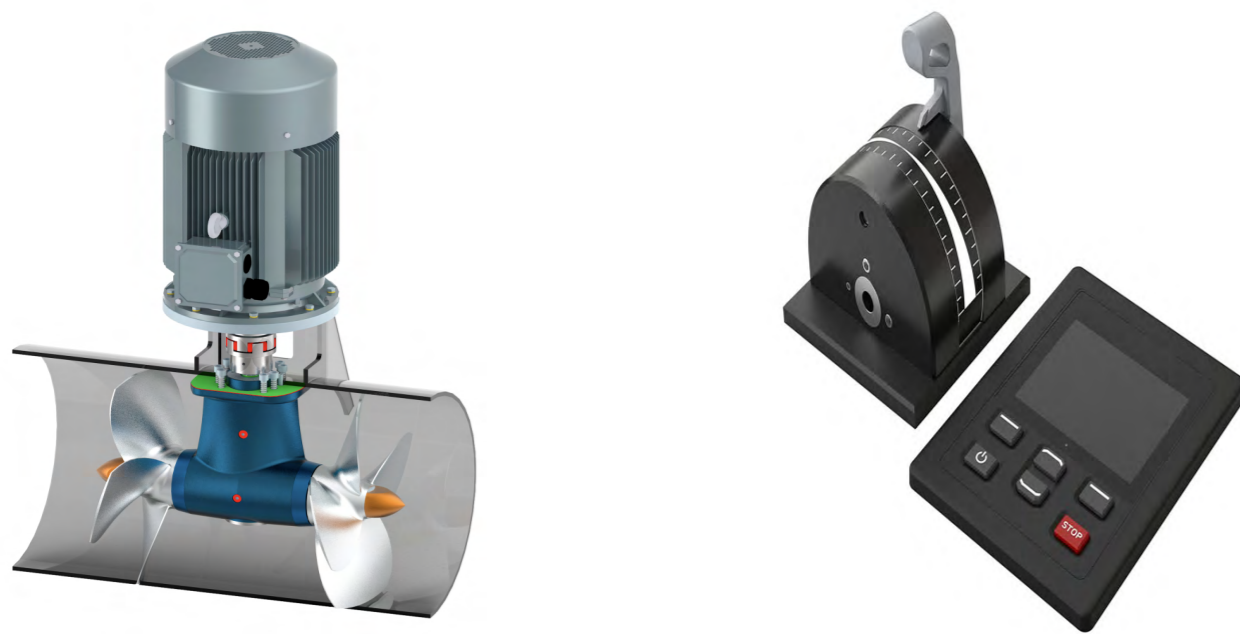
Switch Board ,Control Pannels Installation,Troubleshooting & Calibration



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 Motors REWINDING



### OUR PARTNERS



## Generator Alternator Troubleshooting & Rewinding

## 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



# MECHANICAL DEPARTMENT



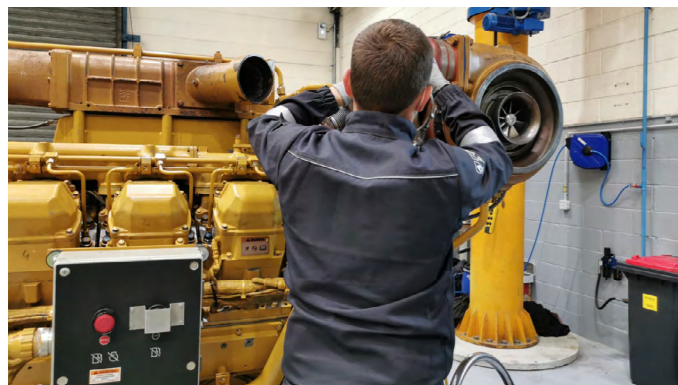
## ABOUT MECHANICAL DEPARTMENT

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

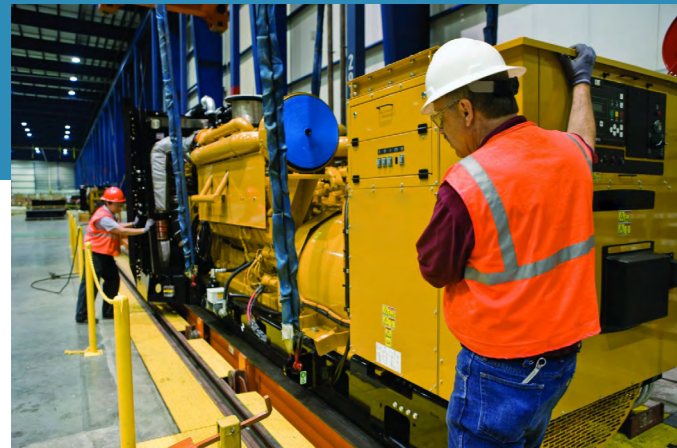
## ALL TYPE OF PUMPS

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

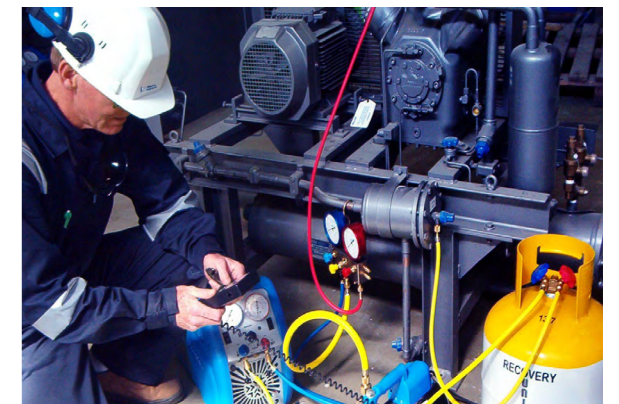
#### POTENTIAL SOLUTIONS

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



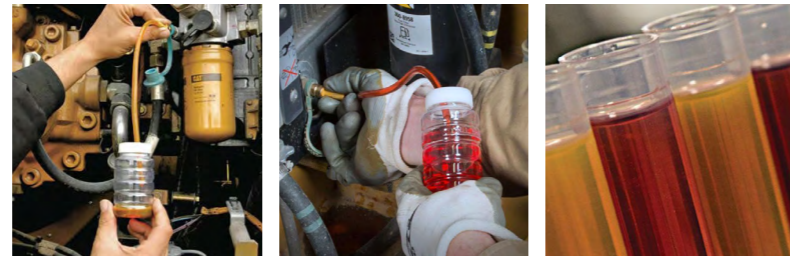
## WELDING

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.

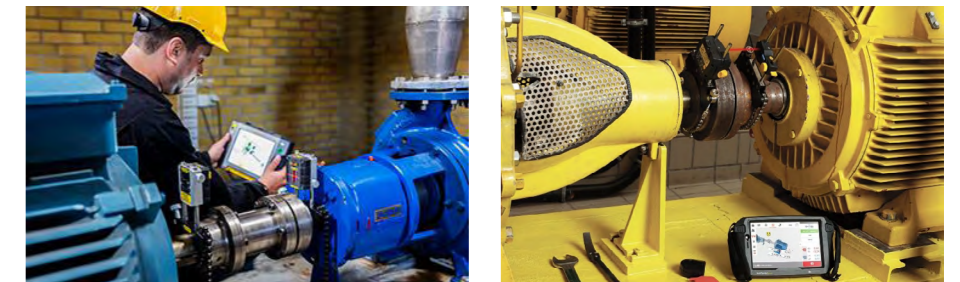
**Vibration analysis technical report**



## 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...)



## 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

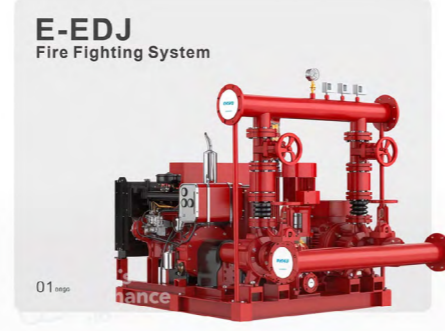


## CONTENTS

<b>EST</b> Close Coupled Centrifugal Pump 45...	<b>ES/ESM</b> End Suction Centrifugal Pump 73...
<b>LLT</b> Vertical Casting Tower Pipeline Pump 81...	<b>WLT</b> Horizontal Casting Tower Pipeline Pump 91...
<b>EPH/EPV</b> Horizontal/Vertical Pipeline Pump 101...	<b>ESC</b> Double Suction Split Case Pump 129...



## CONTENTS



<b>EST</b> Enclosure Suction Centrifugal Pump 10...	<b>ES/ESM</b> End Suction Centrifugal Pump 17...
<b>ESD</b> Direct Injection Pump 25...	<b>EV</b> Vertical End Suction Centrifugal Pump 23...
<b>CDL</b> Close Coupled Centrifugal Pump 33...	<b>XBD-GJ</b> Long Head Vertical Turbine Pump 43...
<b>ESC</b> End Suction Split Case Pump 53...	<b>EPH/EPV</b> Horizontal/Vertical Pipeline Pump 55...
<b>EDP</b> End Suction Pump 75...	<b>EGP</b> End Suction Pump 76...

## CONTENTS

<b>QB</b> Peripheral Pump 03...	<b>CPM</b> Centrifugal Pump 05...	<b>ECO Smart</b> Variable Frequency Boosting Pump 11...	<b>EW</b> Self-priming Booster Pump 13...
<b>JET</b> Self-priming Jet Pump 07...	<b>SJET</b> Self-priming Jet Pump 09...	<b>EHM-EA</b> Horizontal Multi-stage Stainless Steel Pump 15...	<b>EHI-EA</b> Frequency Conversion Multi-stage Pump 19...
		<b>HF</b> Centrifugal Booster Pump 23...	<b>SCP</b> Stainless Steel Centrifugal Pump 25...

# SALES DEPARTMENT

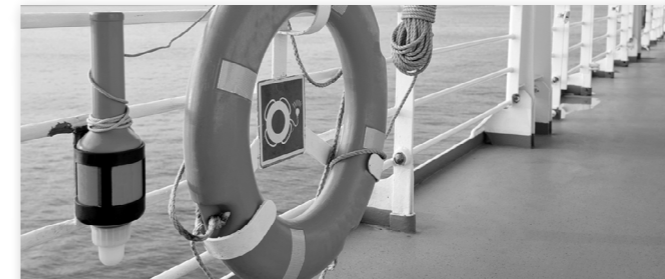


Having a strong sales team is critical to the success of any company, which is why we have a well-trained, positive team that has great listening and patience to hear our customers so that we can provide them with fast and accurate solutions, as well as the ability to multitask and analyze customer requests 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

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