# AL NAJM AL THAQIB CONTRACTING CO.





**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 Thagib 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.



Managing Director Eng. Basil Al Hanbali

Mobile: 054 675 2222









# ENG. MOHAMMED AL. HANBALI

General Manager

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E-Mail: mohammed@nteprojects.com



# SOME OF OUR PARTNERS







































































# INSPECTION 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	LeverHoists	Cranes
Chains	Chain Blocks	NDT
Winches	Slings	Hooks
Wire Rones	Shackles	Masterl inks

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.





# **RENTAL & SUPPLY**

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



U.

Ultrasonic Testing Thickness Gauge Service



# **LOAD TEST**

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



ND

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









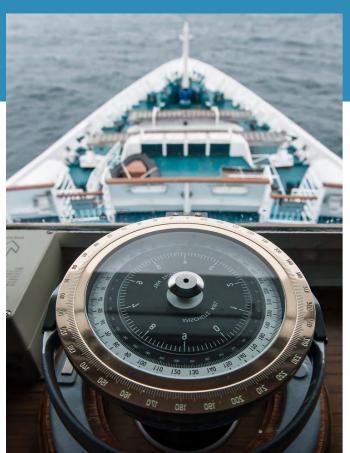








# NAVIGATION & COMMUNICATION DEPARTMENT









approved by below classes;















# **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 specifc 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 maring navigation and communication system.





# **PROVIDING**

Back up Support and follow up services for

NAVIGATION		(
ARPA Radars	1.	I

- Automatic Identification Sys.
- 3. AutoPilot
- 4. BNWAS
- 5. Echo Sounder and ECDIS
- Fiber Optic Gyro Compass
- 7- GPS/DGPS
- Integrated Navigation Sys.
- Magnetic Compass
- Meteorological stations

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

# 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
- Long range acoustic device(LRAD)
- 10. LRIT
- <sup>11.</sup> NAVTEX
- 12. SART
- <sup>13.</sup> 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 Saftey 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 s ocieties.; therefore, we ensure that our station and service engineers / technicians are well trained and authorized approved by well-known partner



# 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 s ervices and certification that corroborates a ship's compliance with maritime sanitation.



CLASSES





















# LIFE RAFTS

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



# **BREATHING APPARATUS**

S upply & 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













OATS A

















SHENYANG VICTOR MARINE

AUXILIARIES













# INSTRUMENTATION DEPARTMENT



# ABOUT INSTRUMENTATION DEPARTMENT

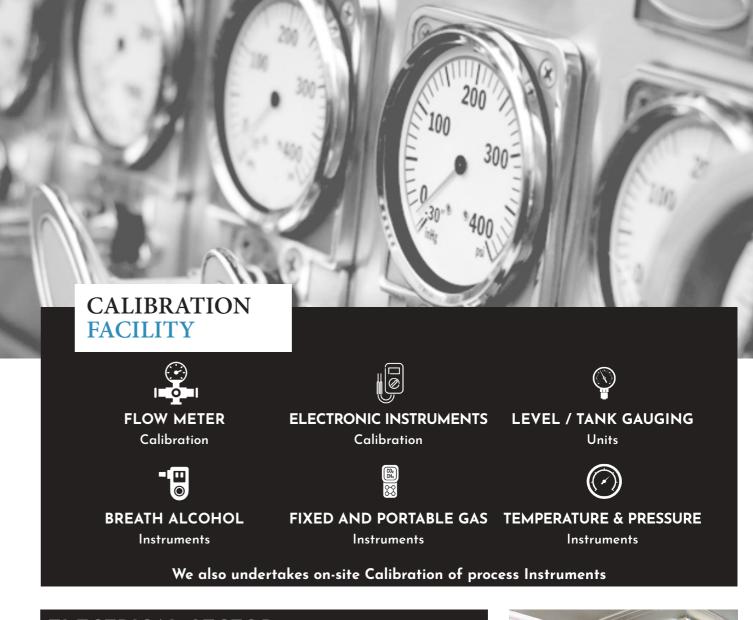
We provide a full service calibration and repair laboratory. We provide services to our customers in either our own environmentally controlled multi-laboratory facility or at their sites. We provide calibration and repair of electrical, temperature, pressure, flow, gas monitoring instruments as per BRITISH 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
- 4. M/E Monitoring / Control System
- 5. Generator alarm & Protection System & Inert Gas 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.



# **ELECTRICAL SECTOR**

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

















OUR

**PARTNERS** 

Honeywell

# **MECHANICAL DEPARTMENT**



# ABOUT MECHANICAL DEPARTMENT

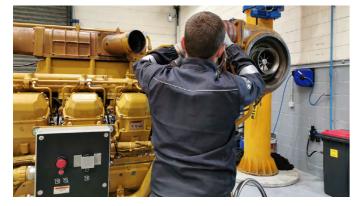
Our mission is to deliver a supreme quality standard of servicing for all Marine Mechanical Jobs (Engines, Generators set, Hydraulic, All types of Pumps, Firefighting PUMP, Firefighting Gearbox, Propulsion, Bolt tighten, Belzona, Air Conditioning, Gearbox, Welding, Laser alignment, Chockfast, vibration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





# **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







# **HYDRAULIC**



Hydrostatic pressure test



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



Supply (spare parts)



Overhauling, Repair, & Machining



Fabricating the Hydraulic System cycles.



**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







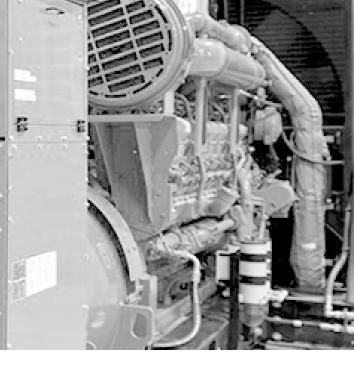
**PUMPS** 

# **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





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**

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









# **PROPULSION**

Troubleshooting Calibration Hydraulic repair Gear repair



# **BOLT TIGHTEN**

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

# **MECHANICAL DEPARTMENT**





Supply (spare parts)

Overhauling

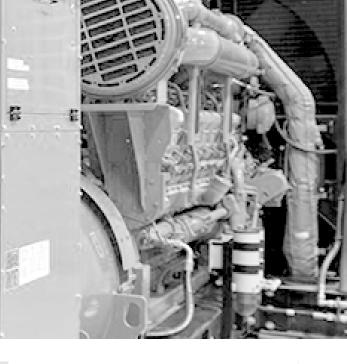
Troubleshooting

Health check

Repair







FIREFIGHTING PUMP & GEAR BOX

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.



# 1. Supply (spare parts)

- 2. Overhauling
- 3. Repair
- 4. Troubleshooting
- 5. Supply (oil / grease / filters .... etc)

6. Calibrations

All welding jobs & fabrication (6G Class approval)



**FLUED** SAMPLE ANALYSIS

OIL - COOLANT - GREASE









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...)

# SALES DEPARTMENT





Havingastrongsalesteamiscritical to the success of any company, which is why we have a well-trained, positive team that has great listening and patience to he arour customers so that we can provide them with fast and accurate solutions, as well as the ability to multitask and analyzecus to merrequest squickly no matter how large, We make sure the teams tay sup-to-date with the latest trends in marine products and technology, so that we can accurately understand our customers' needs and provide the right product.



Our motivated team is composed of well-qualified Engineers (PMP Preparation) & s killed 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 9001/2017 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 c oordinators in all departments for technical requests specialized in their scope of work. The entire team has the ability to multitask with

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	



Wind Systems



## **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

Gyro/Mag. Compass

# DEPARTMENT **CONTACTS**



# **INSPECTION &** LIFTING











### MANAGER

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# **SAFETY &** LIFE SAVING







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# SALES

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# **SAFETY OFFICER** MR. KASIF



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# INSTRUMENTATION & CONTROL









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