



BRIGHTSUN
MARINE PTE LTD

Established in 1998 at Singapore



SHIP REPAIR MADE SIMPLE

QUALITY & SAFETY

ISO 9001:2015 & ISO 45001:2018 certified by
SOCOTEC Certification International

Brightsun follows best practices in the
Industry and strive to exceed customer's
expectation

Culture of continuous improvement, Use data
to drive decision-making, streamlined
processing & Foster a safety culture

OUR VISION

To be a Pioneer in the Marine
Services sector globally
To offer Safe and Reliable
Ship repair services

INNOVATION

Technology Advancement
Customer focus
Quality
Talent development
Environmental sustainability

BRIGHT PROSPECTS

Brightsun has a well qualified and experienced team
Grown from 5 persons team in 1998 to 600+ persons team
Innovate to excel, people centric, collaborate for success
Empowering possibilities, Build to last, Delivering excellence
Innovation with a purpose, having Safety Culture as a paramount practice





We are authorized by

DU Mitsui E&S DU Co., Ltd.

H S HANSHIN DIESEL

J-ENG
Japan Engine Corporation

AKASAKA Diesels Limited.

NAKASHIMA

NIKURA KOGYO CO.,LTD.

MAKITA CORPORATION

TEIKOKU
MACHINERY WORKS,LTD.

SEMCO

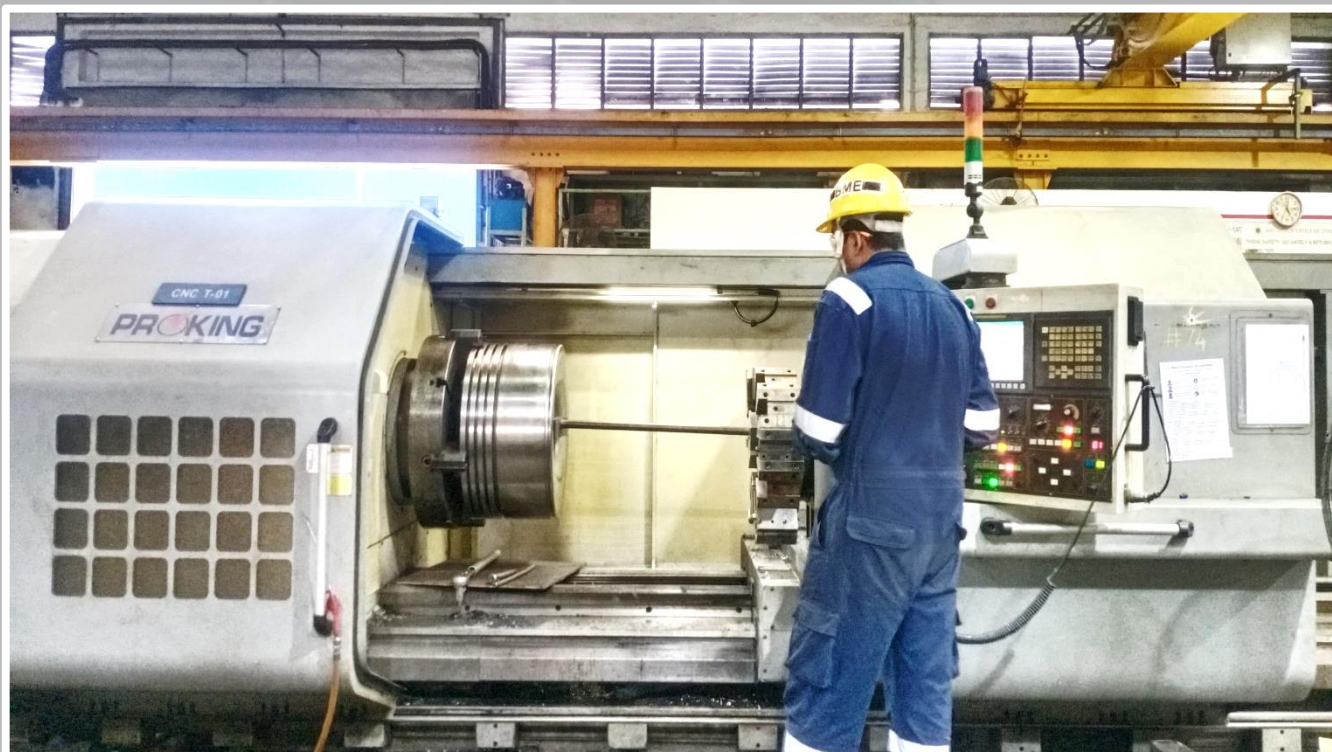
Service Partner of

HD HYUNDAI
MARINE SOLUTION TECH



ENGINE COMPONENTS RECONDITIONING

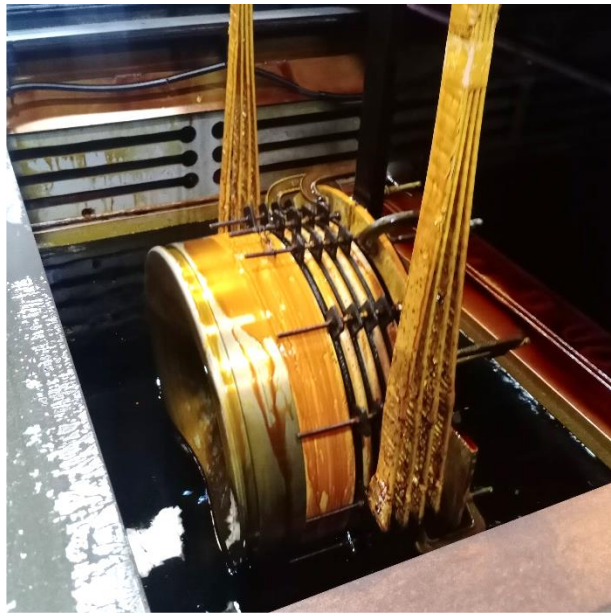
State of the Art facilities to carry out Full & Partial Reconditioning of 2 Stroke Piston Crown, Cylinder Cover, Piston Rod, Exhaust Valve Spindle/Seat, Piston Skirt and Exhaust Valve Housing etc. for models MAN B&W, SULZER and UEC as well as 4 Stroke Piston Head, Cylinder Head, Connecting Rod etc. for models YANMAR, DAIHATSU, MAN B&W, WARTSILA, HANSHIN, HIMSEN, CATERPILLAR and CUMMINS.



CNC MACHINING OF PISTON CROWN



CNC FINAL MACHINING OF CYLINDER COVER



**HARD CHROME
PLATING OF PISTON RING GROOVES**



**AUTOMATED SAW
PROCESS FOR CYLINDER COVER**

MAIN & AUXILIARY ENGINE OVERHAULING



2 – STROKE ENGINE OVERHAULING



4 – STROKE ENGINE OVERHAULING



MARINE MECHANICAL SERVICES

- ❖ Overhauling of Engine room & Deck machineries
- ❖ In-situ renewal of seals, spares & accessories
- ❖ Laser alignment of static & rotating equipment's
- ❖ Overhauling of Gear box & Hydraulic machinery
- ❖ Trouble shooting of PV valves c/w Test bench facilities
- ❖ Remove, Overhaul & Refit CP Propeller, FP Propeller & Thrusters
- ❖ Repairing of Rudder, Kort Nozzle & Stabilizer



GEAR BOX OVERHAULING



GRAB OVERHAULING



MARINE ELECTRICAL & AUTOMATION SERVICES

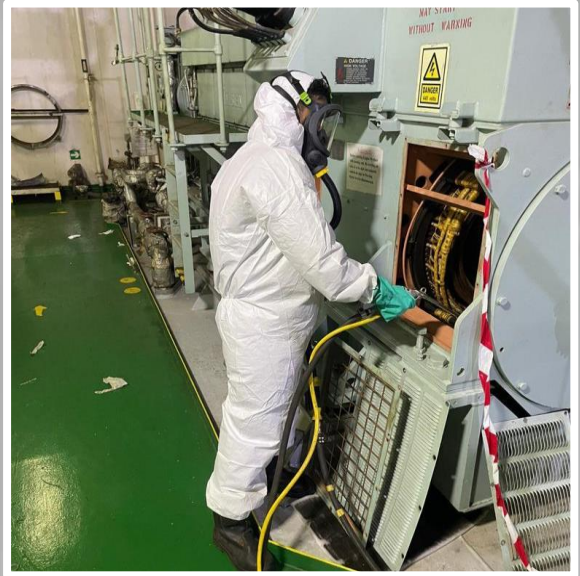
- ❖ Rewinding & Overhauling of Electrical motors
- ❖ Certified test kit for Switch board calibration
- ❖ Tank gauging & Cargo control systems
- ❖ High Pressure / Chemical washing
- ❖ Measuring / Monitoring equipment's calibration
- ❖ In-Situ Chemical cleaning of panels, motors & generators
- ❖ Function test & Load test



ELECTRICAL MOTOR SERVICES



**ELECTRICAL MOTOR
HEALTH ANALYSIS**



**IN-SITU CHEMICAL CLEANING
OF ALTERNATOR**



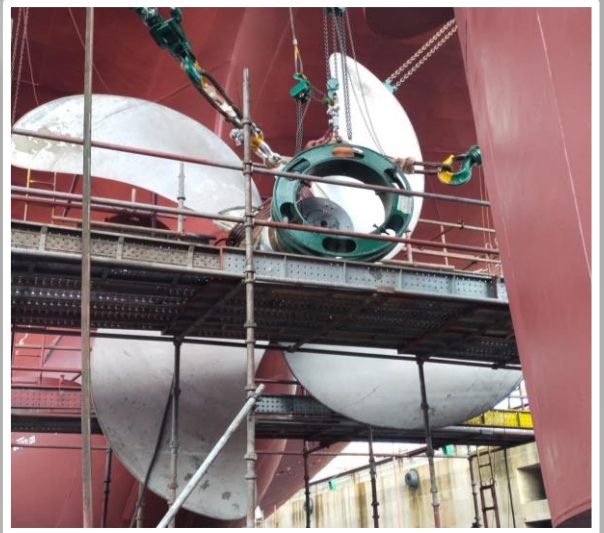
**REWINDING OF
ELECTRICAL MOTORS**



**ELECTRICAL INSTRUMENTS
TESTING LAB**

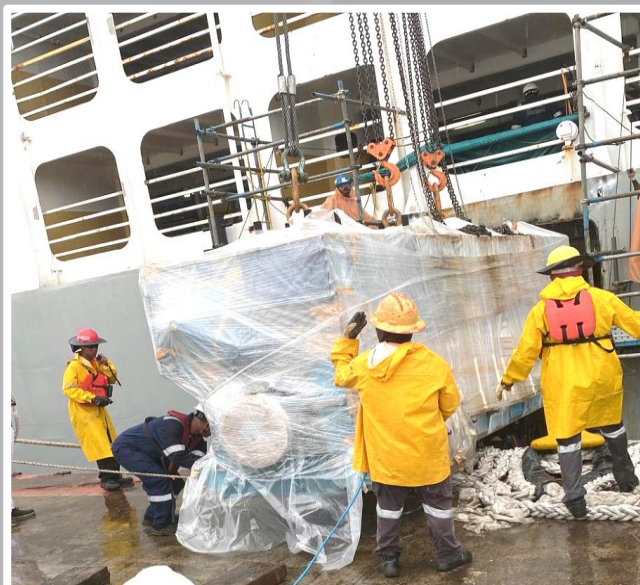


HEAVY LIFTING OPERATION



PROPELLER INSTALLATION

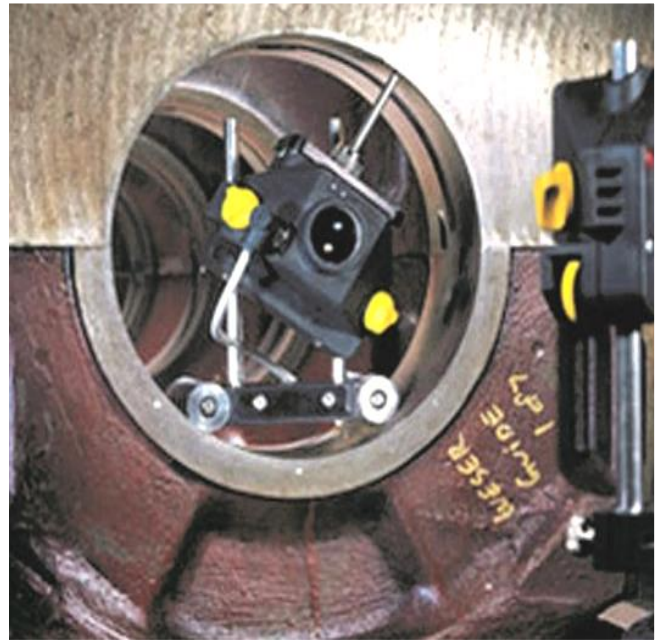
MAIN ENGINE BLOCK DISMANTLING & ASSEMBLING



PROPELLER POLISHING



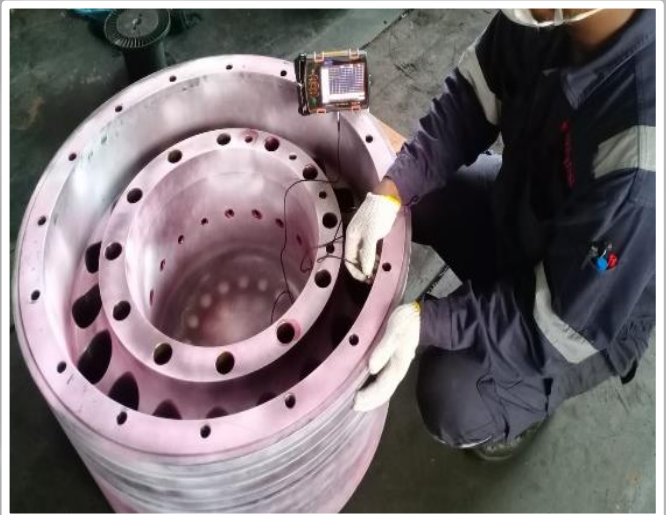
LASER ALIGNMENT



SPECIALIZED SERVICES



DYNAMIC BALANCING



NDT - ULTRASONIC TEST



INFRARED THERMOGRAPH



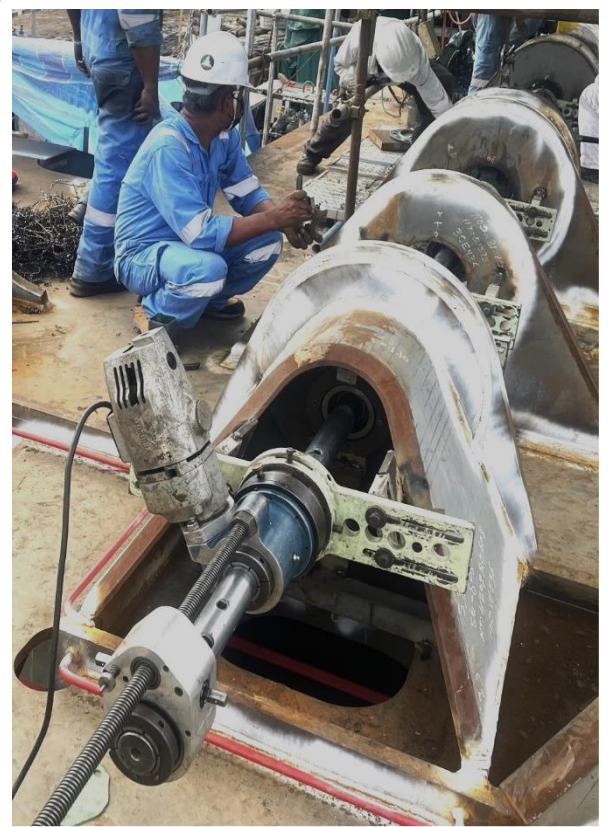
VIBRATION ANALYSIS



MACHINE SHOP & IN-SITU MACHINING SERVICES



**IN-SITU CRANE PEDESTAL
FLANGE MACHINING**

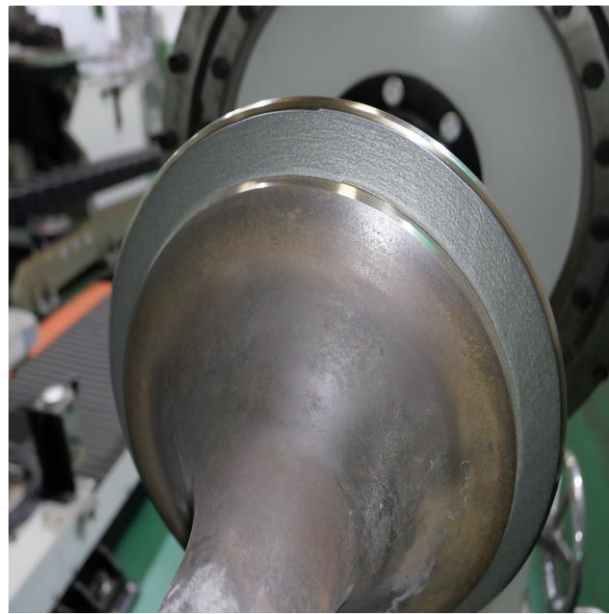


IN-SITU LINE BORING

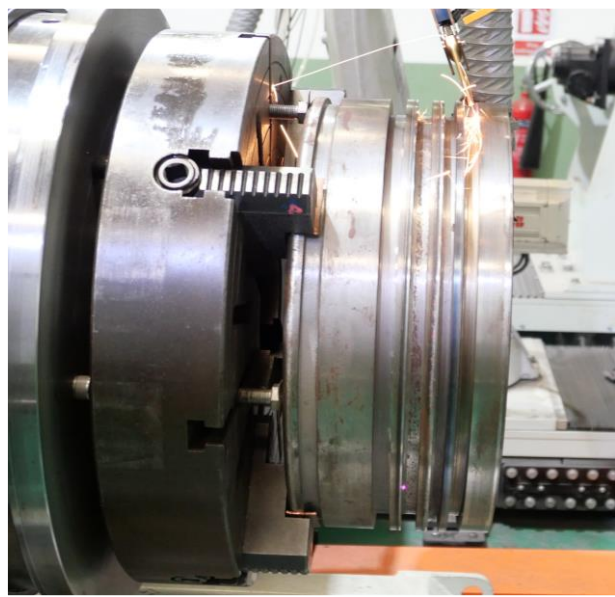
ROBOTIC LASER CLADDING SERVICES



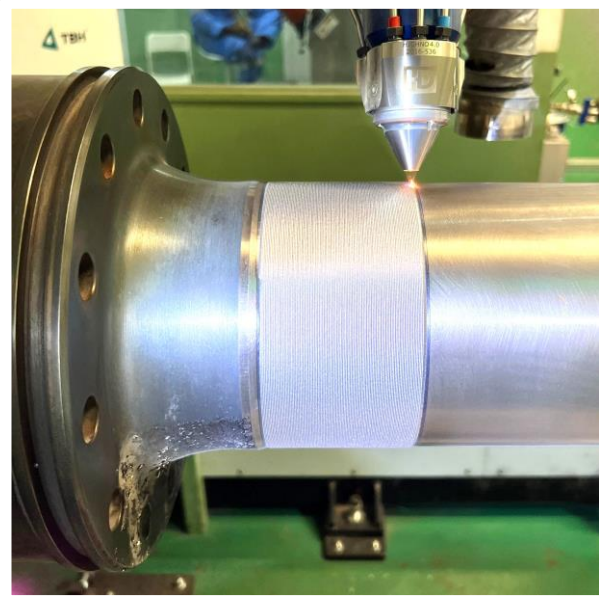
**CLADDING OF AUX.ENG CYL HEAD
VALVE SEAT POCKET**



**CLADDING OF EX.VALVE SPINDLE
LID SURFACE**



**CLADDING OF PISTON RING
GROOVES**



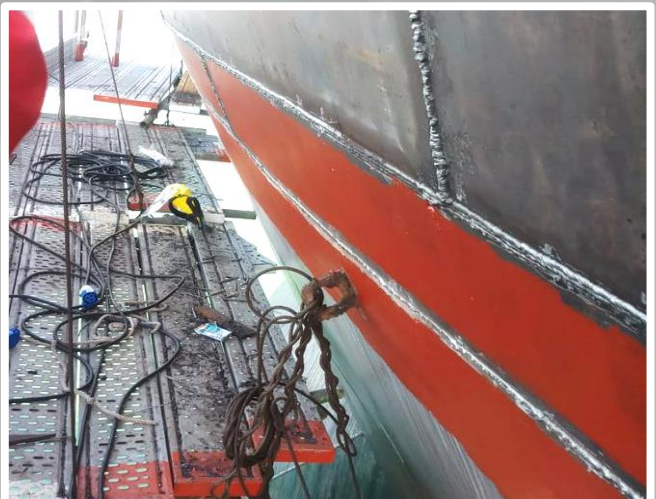
CLADDING OF PISTON ROD

PIPING RENEWAL SERVICES



Scrubber Overboard Pipe Repair, Exhaust Gas Bellow and Pipe Renewal Works, Engine Room system Pipes, Ballast Water Pipes, Carbon Steel Overboard Pipe Renewal Using cofferdam by divers, Pipe Modification and Repair For all ship systems, Installation of New Pipeline, Flow Meter Installation, Copper Nickel Pipe Fabrication and Installation, Stainless Steel Pipe Fabrication and Installation, Fabrication/Repair of Manifold Reducer, Pickling of hydraulic pipe lines, flushing of various system and pressure test.

STEEL RENEWAL SERVICES

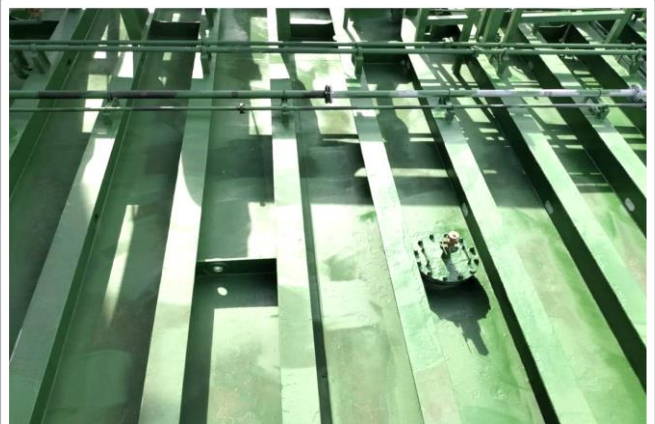


Afloat and Voyage Repairs, Collision damage repairs, Side shell plate renewal, Bow repairs, Bulwark renewal, Crane Jib Steel Repair, Cell Guide Repairs, Anchor and Anchor Chain Installation using Flat Top Barge, Sea Fastening Works, Aluminum Gangway and Accommodation Ladder Repairs, Anti-Piracy Arrangement Installation, Mooring fittings installation, Hatch cover repairs, Hull outfitting, Ship name change and Hydro test.

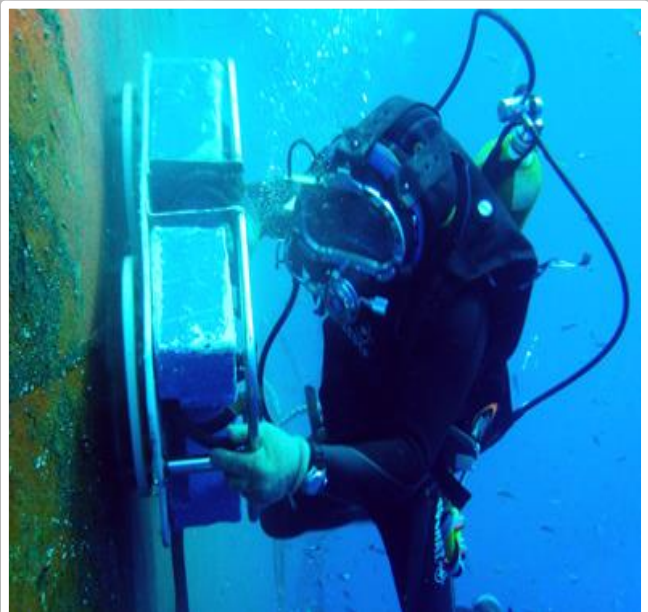
COOLER & CONDENSER REPAIRS



BLASTING & PAINTING



UNDERWATER DIVING SERVICES



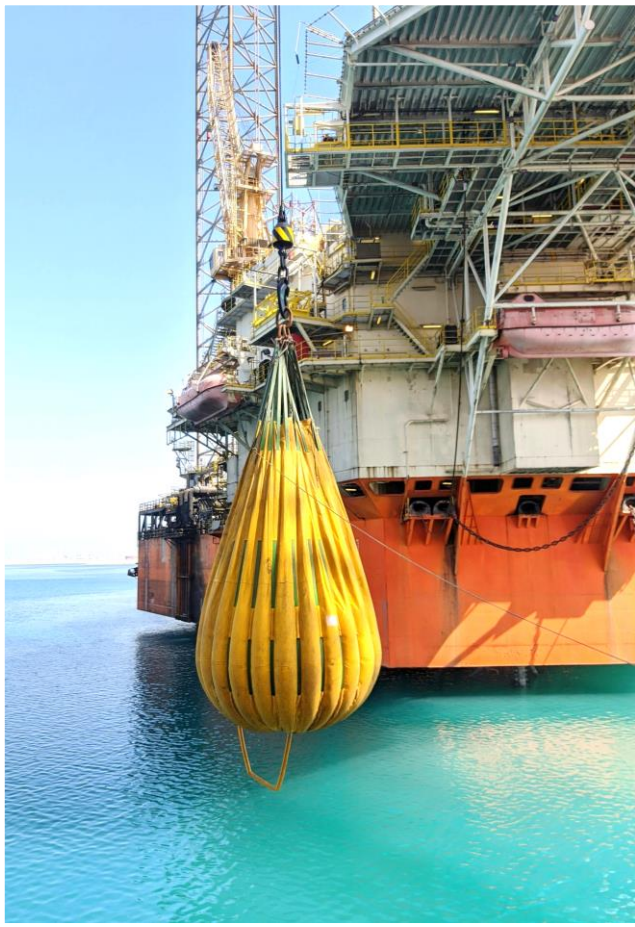
REPAIR OF AIR-CON & REFRIGERATION SYSTEM



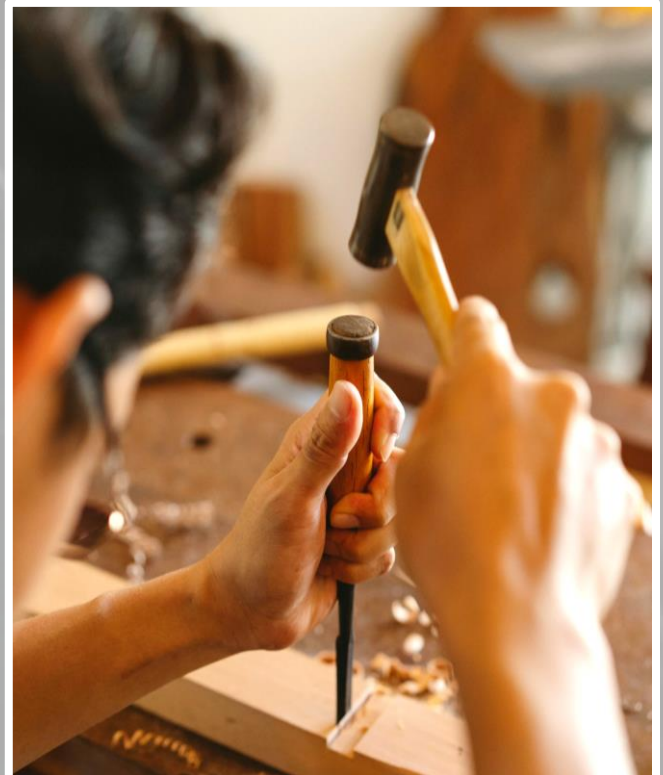
EVAPORATOR CHEMICAL AND TANK CLEANING



AFLOAT RIGGING AND TESTING SOLUTION



CARPENTRY



HYDRAULIC MACHINERY OVERHAULING



We are Able to Serve in these Countries

- Singapore
- Malaysia
- Indonesia
- Thailand
- Philippines
- India
- UAE
- Australia
- Japan
- China

Our Overseas Agent Network

- Greece
- Germany
- Netherlands
- Belgium
- Cyprus
- United Kingdom
- Turkey
- China
- UAE
- Bahrain
- Oman
- South Korea



Head Office & Workshop

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