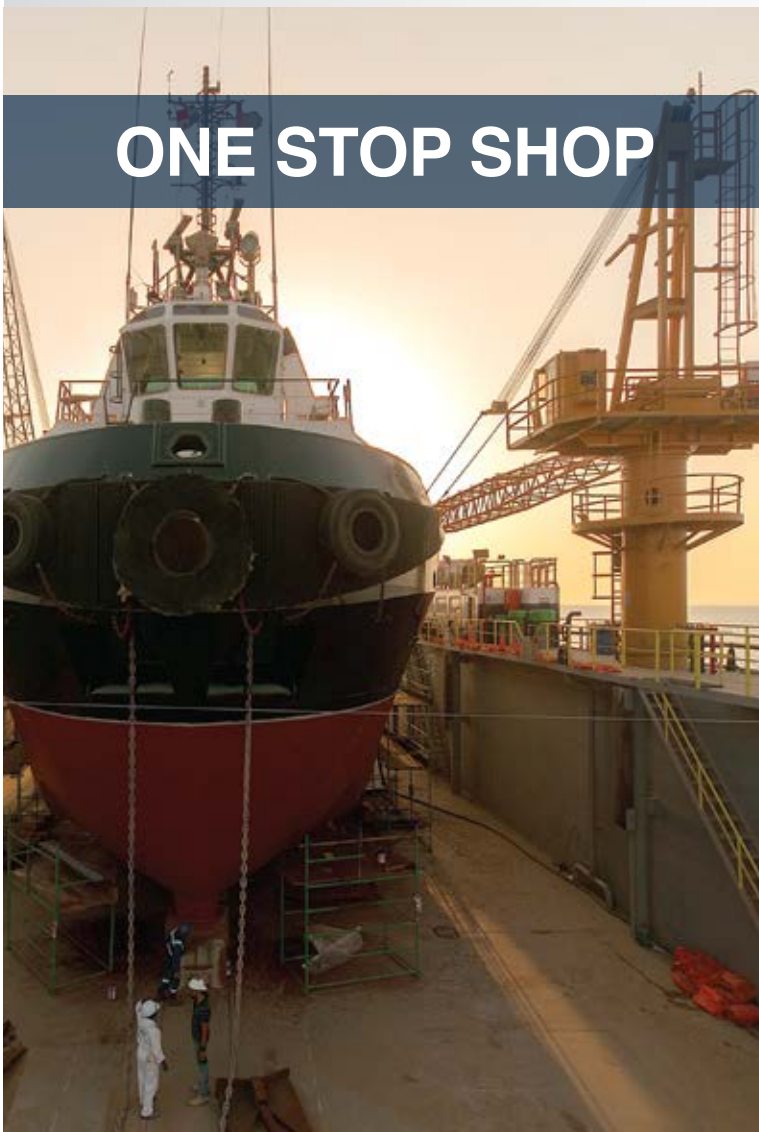


## ONE STOP SHOP



**NICO International**, is the premier marine & industrial engineering company operating in the Arabian Gulf for more than 43 years.

With a number of strategic locations dotted about the Middle East coastline, NICO offers the whole spectrum of marine and industrial repair services as listed below.

- Riding Squads, Afloat Repairs & Dry-docking Services
- Major Refurbishment & Conversions
- Engine Repairs & Component Reconditioning
- Fuel Pump, Injector & Governor Services
- Insitu Machining and Laser Alignment
- Pump & Auxiliary Equipment Repairs
- Steel & Aluminum Fabrication and Construction
- Deck Machinery, Cargo Gears, Hydraulic & HVAC Services
- Transmission, Propulsion System & Turbocharger Repairs
- Boiler Inspection, Survey & Condition Assessment
- Industrial Plant maintenance & Shutdown assistance
- Automation, Instrumentation & Calibration Services
- Motor Rewinding & Vibration Analysis
- Underwater Services, Anchor Recovery & Salvage

NICO is a "One Stop Shop" for all ship repair & industrial services needs of its customers and operates worldwide from its facilities in Dubai, Abu Dhabi & Fujairah.





### Mechanical Services

- Repairs - alongside, afloat & on voyage
- Main & auxiliary engine repair
- Pump, compressor & deck machinery repair
- Fuel pump & governor overhaul & repair
- Diesel & hydraulic pumping equipment – rental & service
- Reverse engineering of pumps, impellers & housings
- Gearbox refurbishment, supply of spares & re-engineering
- Heat exchanger, repair, cleaning, retubing, rebuilding & testing
- Pipe repair, replacement & testing
- Fuel injection equipment servicing & testing
- Insitu machining & laser alignment
- Aligning & boring of auxiliary diesel engine blocks, pump & gear housings
- Inert Gas, COW system repairs & installation
- Corrosion protection, painting & tank cleaning services
- Valve repair, installation & overhaul
- Mooring wire rope splicing
- Onsite line boring & honing
- Metal spraying / glass flake coating & selective electro-plating
- Ultrasonic / chemical cleaning of heat exchangers



### Machining Services

- Overhaul of all rotating & reciprocating machinery
- Reconditioning of con-rods & liners - on board & workshop
- Annealing & heat treatment
- Cast iron components weld repairs
- Re-metalling of bearings
- Vibration measurement
- Service & reconditioning of viscous vibration dampers
- COW machine refurbishment, testing & exchange programs

### Electrical Services

- Rewinding, repair & refurbishment of generators, motors & transformers - up to 3MW
- Vibration analysis for motors & generators
- Balancing of rotors, fans & armature
- Ship electrical retrofit & refurbishment work

### Automation Services

- Main engine alarm & control system
- Generator alarm & protection system
- Oil water separator & bilge alarm system
- Crane & winch control system
- Main switch board & boiler automation
- Bow thruster & steering gear controls
- Fire & vapor alarm system
- Main & auxiliary engine oil mist detection system
- Servicing of switch gear & instrumentation panels
- Trouble shooting - electrical & automation systems
- Vibration analysis (GL Class approved)
- Bridge & navigation systems - BNWAS & SVDR
- Pump room instrumentation
- Draught gauges
- Viscotherm controls
- MGPS & ICCP system

### Hydraulics & HVAC Services

- Deck machinery - repair & overhaul
- Hydraulic & electrical cranes
- Hydraulic hoses crimping & supply
- HVAC systems
- Spare parts sale (both new and reconditioned)
- Hydraulic power pack & steering control

### Transmission & Propulsion Services

- Repair & maintenance of following:
  - Twin Disc marine & industrial transmissions
  - Hansen industrial transmissions
  - Masson marine transmissions
  - Kumera transmissions & Fifi systems
  - Niigata engines & Z-pellers
  - Arneson surface drives & Rolla propellers
  - Doen Waterjets
  - Technodrive products & power take-off
  - Electronic control systems
- Transmission test bench facility
- Submerged & surface piercing propeller repair facility

### Turbocharger Services

- Overhaul & troubleshooting - on-board or in workshop
- Rotor dynamic balancing & thermal balancing
- Rotor re-blading & shaft rebuilding
- Metal spray, micro blasting of compressor wheel seating area
- Offering re-manufactured turbochargers & cartridges
- Extensive stock of turbocharger spares
- Compact ash blasting – beadomac process
- Turbine blades repair & refurbishment

### Underwater Services

- Hull cleaning & propeller polishing
- Wet docking & reporting
- Wet welding
- Blanking of intakes & outlets, cleaning of sea chests
- Inspection & survey, NDT, video & photographs
- Anchor search & recovery from seabed, salvage & wreck removal
- In-water surveys - approved from all leading classification society

### Boiler Services

- Boiler condition assessment & inspection including analysis of damage
- Life improvement & extension studies
- Remnant life assessment analysis
- Oil ash corrosion studies
- Combustion control repairs
- Thermographic survey
- Efficiency, performance & operational studies
- Boiler tubes - supply & replacement



### Fabrication & Construction Services

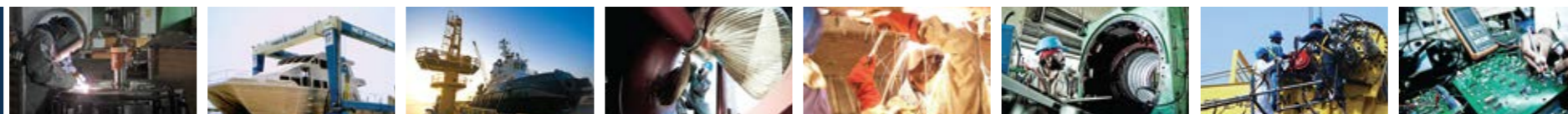
- Barges & pontoons
- Storages and farm tanks
- Offshore & onshore steel structures
- Ship & rigs structures
- Pipes, bends, flanges, liners etc.
- Hatch covers, structures & deck plates
- Manufacturing of long-lead parts and components
- Manufacturing of inert gas blowers (SS Impellers) & expansion bellows



### Technical Resources Outsourcing

Provider of skilled / certified front line resources such as:

- Structural and Pipe Fabricator
- Welders :
  - Process: SMAW / GTAW / GMAW / FCAW.
  - Position: 1G, 2G, 3G, 4G, 5G, 6G, 6GR.
  - Material : Carbon Steel / Stainless Steel / Aluminium / Copper Nickel / Alloy Steel / Super Duplex
- Mechanical & Millwright technicians
- Electrical & Instrumentation technicians
- Painters & Blasters
- Riggers & Scaffolders
- Mechanical helpers
- Turnkey Shutdown & Maintenance Services
- Working under the latest QHSE standards
- Staff continuously trained & 24 hours availability





## LOCATIONS

### DUBAI

**NICO International**  
P.O.Box 12068, Al Quoz Industrial Area  
Dubai, United Arab Emirates  
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Mail: info@pgs.de

### UNITED KINGDOM

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Broadwell House, Broadwell, Lechlade  
Gloucestershire, GL7 3QS, United Kingdom  
Tel: +44 1367 860050 | Fax: +44 1367 860474  
Mail: ship@shiprepairers.co.uk

### INDIA

**Kalyani Spares**  
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Mulund (W), Mumbai - 400080  
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Mail: sales@kalyanispare.com

### KOREA

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Mail: machinery@ahcl.com.sa

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### BENELUX & IRAN

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### TAIWAN

**Ship Care Co.**  
Rm.1, 2nd Floor, No.135, Sec.1,  
Chungking South Rd, Taipei 10036, Taiwan.  
Tel: +886 0223832255 | Fax: +886 0223831020  
Mail: grace@shipcare.com.tw

## OEM REPRESENTATIONS



Engines & Turbochargers



Diesel Engines



Diesel Engines



Engines, Z-pellers & Turbochargers



Turbochargers



Electric & Geared Motors



Engine Services



Motors & Alternators



Hyundai Heavy Service Station



Metal Components



Marine & Industrial Transmissions



Transmissions & Fifi solutions



Waterjets



Surface Drives



Submerged surface Piercing propellers



Industrial Gearboxes



Couplings



Fluid Couplings



Marine Transmissions



Transmissions & CPP Systems



Propulsion & Bow thrusters



Ballast Water Management System



Bridge Navigational Watch Alarm Systems



Monitoring & Alarm



Boiler Services



Air Conditioning



Deck Machinery



Epoxy Products For Rebuilding And Surface Protection



Diesel Engines