



Nico International, is operating in the Middle East since 1973 when the company established in Dubai to service the increasing marine traffic generated by the region's oil boom. Today Nico International is one of the world's leading marine services and engineering company.

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, Hydraulic & HVAC Services
- Transmission & Propulsion Systems
- 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
- Technical Resources Outsourcing

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 and Fujairah.



Accredited to ISO 9001, ISO 14001 & OHSAS 18001, Nico International's commitment to Health, Safety and Environment is firm and unwavering.

Marine & Industrial Division

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
- Ultrasonic / chemical cleaning of heat exchangers



Instrumentation & Calibration Services

- Calibration lab (ISO 17025 accredited)
- Engine room & boiler instrumentation
- Ballast tank level gauging system
- IG control system instrumentation
- Pump room instrumentation
- Fixed gas system & portable analyzers
- 15 PPM monitors
- Dead man watch alarm system
- PLC based central alarm system
- Pressure controller - repairs & overhauls
- Auto unloading system (AUS)
- Thermographic survey & draught gauges
- PLC based ME & AE alarm system
- UTI tape servicing
- ODME servicing

Technical Resources Outsourcing

Provider of skilled / certified front line resources such as:

- Structural and Pipe Fabricator
- Welders – SMAW / GTAW / FCAW / GMAW
3G / 4G / 6G
- Mechanical & millwright technicians
- Electrical & instrumentation technicians
- Painters & blasters
- Riggers & scaffolders
- Mechanical helpers
- Turnkey shutdown & maintenance services

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

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
- Underwater hull cleaning on Intersleek / Silicone based Paint systems

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



Machining Services

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

Hydraulics & HVAC Services

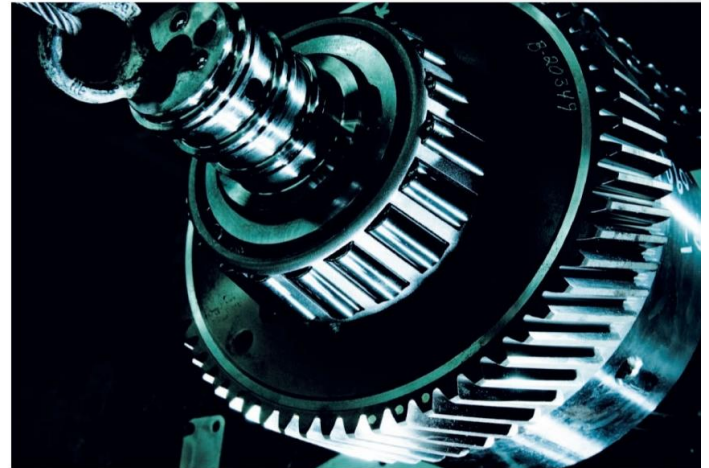
- Deck machinery - repair & overhaul
- Hydraulic & electrical cranes
- Hydraulic hoses crimping & supply
- HVAC systems
- Spare parts sale (both new and reconditioned)
- Hydraulic power pack & steering controls

Fabrication & Construction Services

- Barges & pontoons
- Tank Storage Terminals
- Offshore & onshore steel structures
- Hatch covers, structures & deck plates
- Manufacturing of inert gas blowers (SS Impellers)

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



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

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



LOCATIONS

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OEM REPRESENTATIONS



Marine & Industrial
Transmissions



Engines, Z-pellers &
Turbochargers



Surface Drives



Submerged surface
Piercing propellers



Waterjets

Sumitomo Drive Technologies



Transmissions & Fifi
solutions



Couplings



Fluid Couplings



Marine Transmissions



Diesel Engines



Transmissions & CPP
Systems



Air Conditioning

SIEMENS

Electric & Geared Motors



Boiler Services



Diesel Engines

WENCON®

Epoxy Products For Rebuilding
And Surface Protection



Deck Machinery



Engines & Turbochargers



Turbochargers



Motors & Alternators



Bridge Navigational Watch
Alarm Systems



Alphatron Marine BV

Navigational Equipment



Monitoring & Alarm



Diesel Engines



Hyundai Heavy
Service Station

IHI Marine

Diesel Engines

metaldyne

Metal Components