

Nordan Marine

One Stop Solution Service on LPG, LNG, and LEG carriers

- Pre-docking Inspection
- Service of Cargo Pumps
- Service of Cargo Safety Relief Valves
- Calibration of Cargo Measuring Equipment
- Service of Cooling Compressors



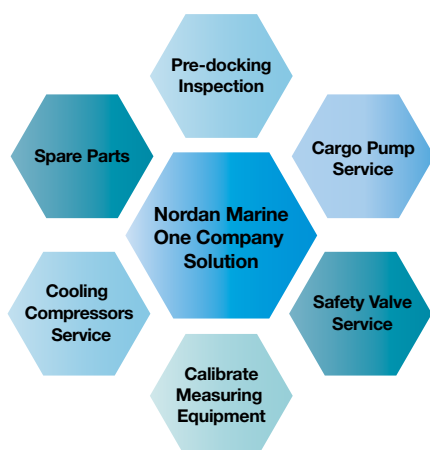
- The World's Best Alternative -

About COMPANY

Initially Nordan Marine started back in 2006 in Drammen, Norway. The idea behind the company was to supply quality spare parts to Thune Eureka circulations pumps. These pumps were installed onboard thousands of vessels and covered a wide range of applications. In a matter of a few month, we were quite successful and started to develop into other business areas.

Today, many years later, Nordan Marine offers a variety of products and services to a variety of customers.

The focus in whatever we are doing is customer satisfaction, and in our competitive world, you can only be successful by having this important fact clearly in mind. We have today developed into a mid-size company with wide-ranging experiences with Cargo Handling Systems. Our customers are owners/operators of gas carriers such as LPG, LEG , and LNG vessels.



Service and Repair

Nordan Marine provides technical advice and problem solving with cargo handling systems. Our engineering capabilities are considerable and our team of service engineers are very experienced and expertly trained.

By engaging with Nordan Marine, you as our customer can keep your cost down to a minimum. Firstly, our service rates are among the lowest in the market. Secondly, a good number of our service engineers are trained to handle a variety of our products, which means that often it is only necessary to have one service engineer onboard. This saves greatly in transportation costs and time.

Pre-docking Inspection

Before your vessels are scheduled to dry-dock, we suggest to have one of our specialists onboard in a discharge port. After a thorough inspection, we will issue a detailed report, which can form the basis of the docking specification. For this service we will charge you for the direct costs only, we will bear the labor cost.



Nordan Marine Service Team offers the following:

- Pre-docking inspections of complete cargo handling system
- Cargo Deep Well Pumps
- Safety Relief Valves
- Booster Pumps
- Cooling Compressors
- Calibration of Tank Measuring Equipment
- Laser alignment of i.e. el-motors and cooling compressors

Service of Cargo Pumps



Nordan Marine offers quality service on different brands of Cargo Pumps, Booster pumps and Ballast pumps.

Besides the pre-docking inspection, most of the work is carried out in shipyards, but we have several times lifted a deep well pump at sea saving the owner considerable costs since the vessel can continue trading during the work. We bring necessary spares with us and lifting gear is arranged onboard.

Furthermore, we recondition mechanical seals and impellers.

All our service engineers are educated as Mechanical Engineers. They work with different brands of cargo pumps such as:

- Thune / Kværner Eureka
- Svanebøj / Hamworthy
- Wärtsila
- Desmi
- Shinko
- Nigata Worthington
- Thermo Mechanical
- Guinard
- Teikuko
- David Brown

Nordan Marine Service Engineer are available when required and on a 24 hours basis.

Spare Parts

Nordan Marine carries a large stock of cargo pump spares most commonly used. Furthermore, we have daily contacts with manufactures and are therefore able to supply needed parts on a short basis.



Service of Cargo Safety Relief Valves



Nordan Marine service team provides service, repair and test of Safety Relief Valves (SRV).

Our service engineers have received training and obtained Authorization Certificates from several of the safety valve manufactures such as Flow Safe Inc. and Tyco/Anderson Greenwood.

We carry out preventive maintenance and repair of the valves in order to avoid unwanted and untimely opening or leakages to the atmosphere.



Following brands is within our scope of work:

- Fukui
- AGCO/Tyco/Anderson Greenwood
- Hindle
- Luceat
- Sempell
- Flow Safe
- Korval
- Press-Vac
- Leser
- Keystone
- Samson

Spares and New Valves

Nordan Marine supplies new complete valves as well as soft goods kits and other spare parts for the above-mentioned safety valves at favorable prices.



Issuing of Certificates

Upon completion of the overhaul, our service engineers will issue new Test Certificates to the vessel in order to satisfy classification societies and other interested parties.



Calibration of Cargo Measuring Equipment

Nordan Marine calibration technicians are able to repair and calibrate measuring equipment primary on LPG, LNG and LEG cargo tanks. Our calibration technicians are able to repair and calibrate almost all kind of level alarms, pressure gauges, temperature gauges and level gauges such as:

- ENRAF
- Musasino
- Heinrichs
- Whessoe
- Labom
- PR Electronics
- Wika
- Trimod Besta
- Krohne

All our calibration technicians are Marine Engineers and have educated within electronic field, they can calibrate both electronic and mechanical measuring equipment.

Certificates

After the calibration assignments, the technicians of Nordan Marine will issue certificates for all equipment that have been tested, and afterwards, the calibration service report will be provided.

Approved by the Japanese Customs Authorities

Nordan Marine is able to forward our calibration certificates to the customer's agent in Japan, for obtaining the Japanese Customs approval.



Nordan Marine offers several calibrations of measuring equipment:

- Calibration of level gauges
- Calibration of pressure and temperature gauges
- Calibration of level alarms
- Calibration of pressure and temperature alarms
- Calibration of pressure transmitter, temperature transmitter
- Calibration of SPRT, PT 100, PT 1000,
- Calibration of TC Sensor
- Calibration of Thermocouple
- Calibration of display unit for temperature, pressure and level gauges
- Fixed and portable gas detector systems
- Oil content meter
- Inert gas system
- Ship reference equipment

Service of Cooling Compressors

Service and repair of Cooling Compressors is another service field that Nordan Marine can offer.

We can offer you both preventive maintenance and repair of Cooling Compressors. Our service Engineers are experienced in servicing and repairing Cooling Compressors from a variety of manufacturers. Our cost-effective solution is reliable. Furthermore, Nordan Marine has extensive know-ledge and experience also on the entire Reliquefaction plant.

Nordan Marine provides the following service:

- Inspection – Pre docking
- Super Cargo attendance
- Pressure testing
- Mechanical troubleshooting
- Process Engineering
- Automation Troubleshooting
- Mechanical Overhauling
- Compressor Valves exchange program
- Spare Parts



Our Service Engineers are trained and certified by the maker of the Burckhardt Compression and are capable of servicing their complete assortment of cooling compressors.

Laser Alignment

In order to achieve optimum efficiency from your pump and reduce wear and tear, the shaft must be aligned correctly. A Laser Alignment from Nordan Marine helps you to extend the service life of the electrical motor and bulkhead seal.

Nordan Marine technicians have the experience and the equipment to help ensure problematic alignment issues are resolved efficiently and effectively.

Benefits of Precision Alignment:

- Reduced energy consumption
- Reduced vibration levels
- Lower noise levels
- Extending service life of the equipment





Line Card

*Nordan Marine supplies
service and spares for
following main products:*

SERVICE & REPAIRS

Voyage repairs
Dry docking / Overhaul
Pre-docking Inspection
Preventive Maintenance

Emergency Service 24hours
EI-Motor alignment
Calibration Certificate approved
by Japanese Customs Authorities



DEEPWELL AND SUBMERGED PUMPS

Thune Eureka, Kværner
Hamworthy
Wärtsilä
Worthington
Teikuko
Termo Meccanica
Press-Vac

Desmi
Svaneøj
Shinko
Nigata Worthington
Ebara
David Brown



BOOSTER PUMPS

Thune Eureka
Desmi
Svaneøj

Kværner Eureka
Hamworthy



SAFETY RELIEF VALVES

Flow Safe
Fukui
Press-Vac
Keystone
Leser
Samson

Tyco, Anderson Greenwood
Luceat
Korval
Sempell
Hindle



CALIBRATION

ENRAF
Musasino
Heinrichs
Whessoe
Labom

PR Electronics
Wika
Trimod Besta
Krohne



COOLING COMPRESSORS

Sulzer-Burckhardt
Burckhardt Compression

Tanabe





a DESMI company

- The World's Best Alternative -

Contact us:

Nordan Marine A/S
Industrivej 11
DK-9900 Frederikshavn
Denmark

Phone: +45 9840 2440 (24hrs)

Fax: +45 9840 2441

Email: sales@nordanmarine.com
service@nordanmarine.com

www.nordanmarine.com