

HVAC Specialists

Modification & Service

The Semco Maritime HVAC Specialist team is a combination of highly skilled PPM technicians and HVAC engineers with more than 15 years of experience from onshore and offshore installations, rigs and vessels.

We offer customized EPCI projects (engineering, procurement, construction and installation), modification of installed systems as well as service for HVAC.

Our core focus areas are design, service, and troubleshooting from various HVAC systems in the North Sea offshore sector. We have specific experience in design, modification and replacement of HVAC systems in ATEX areas on rigs and platforms where down time and limited space are key words. Our experience is complemented with a strong safety record.

Our Concept

Semco Maritime provides a comprehensive range of upgrade services onshore as well as offshore to ensure that installations, rigs and vessels meet global safety, operational and legislative demands.

We are capable of customizing our solutions to meet customer demands, by taking into consideration project time limit, size, budget and multiple disciplines.

We can deliver an end-to-end solution which combines, design and engineering of ducts, air handling units, electrical supply and control panels, fire and gas and emergency shutdown signals.

Our services include:

- Design in 3D programs
- Modification of existing HVAC systems
- Balancing of air flows and pressure in accommodation and utility areas
- Balancing of flows in fluid cooling and heating systems
- Leakage test of ventilation ducts
- Troubleshooting and analysis of existing HVAC systems
- Cleaning of ventilation systems
- Fabrication and delivery of all HVAC components
- Onshore handling of components
- Pressure test of safety area

- Commissioning of HVAC systems (procedures, execution, client approval)

We can carry out various stages of the project offshore on the site, including survey, installations and modifications. We can also support with an on-site supervisor to support offshore installation teams. As a part of our services we perform modification projects in order to extend the lifetime or expand the capacity of HVAC systems.

We have a complete certification for fabrication, installation and design packages that meet Norsok and DS/EN ISO 15138 standards.



Work with us

Dedicated to the energy sector, Semco Maritime is an international contracting and engineering company. For more than 30 years we have been facilitating design, fabrication, service and maintenance of our customers' assets, providing comprehensive project management across all phases of energy projects. From turnkey engineering solutions to operation support and delivery of components, systems and solutions - we make sure our customers and partners in the energy sector experience safe, cost-efficient operations. Semco Maritime is an international company with 1,500 employees and branches in Denmark, Norway, Germany, UK, Singapore, China, Australia, Central America and USA. For further information please see www.semcomaritime.com



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As a part of our wide service package our HVAC specialists, including engineers and PPM technicians, can perform various checks and changes to systems and components.

Typical work includes:

- Inspection of fire dampers
- Inspection of safety control systems
- Check/ change of filters
- Check/ change belts on fans
- Lubrication/ cleaning of air handling units
- Inspection of heaters/ heating coils
- Inspection of dampers
- Inspection of cooling coils
- Inspection of heat recovery unit
- Inspection of of air handling unit
- Inspection / change ducts
- Flow measurements
- Pressure loss in system components
- Inspection of pressurization in rooms
- Inspection of cooling units and condensing units
- Safety check, leakage check
- Keep measuring records for reporting
- Inspection of Fire & Gas detection systems



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For further information, addresses, email addresses and phone numbers - please see our website:

www.semcomaritime.com