

# **Aberdeen Services**

Semco Maritime is an international contracting and engineering company that supplies the global energy sector with technologically advanced solutions, including engineering, design, operational support, and fabrication.

Semco Maritime's Aberdeen division offers expertise in the design, manufacture, installation, and commissioning of technology-driven electrical, instrumentation, control, and automation solutions.

Located in Aberdeen since 2012, Semco Maritime has built an enviable track record by providing specialist capabilities for many complex technical challenges. In-house capabilities include:

- Control & Automation
- Obsolescence Studies & Reports
- Electrical & Instrumentation Engineering 
  Manpower Services
- Manufacturing
- High Voltage Engineering

# **Control & Automation**

The Aberdeen office offers extensive experience in the design, build, installation, testing, and commissioning across a wide range of control and automation systems. The team also provides 24/7 operational support for a number of operators.

Our control solutions range from employing single programmable logic controllers (PLCs) for machine or unit control systems (UCPs) to complex plantwide networks incorporating multiple PLCs and specialist subsystems. Our networks can be visualized through multiple node supervisory control and data acquisition (SCADA) systems or local HMI configuration.

Our specialist team also provides cost-effective design solutions for:

- Integrated Control and Safety Systems (TUV Engineers)
- Fire and Gas Systems & Detection
- Systems Healthcare & 24hr Support
- & Commissioning Services Operator Training

Inspection, Installation

Control Stations/Cabins

More than 40 years of supplying the global energy sector with flexible systems and solutions.

## Contact us:

Semco Maritime Ltd. 37 Abercrombie Court, Prospect Road Westhill, Aberdeenshire AB32 6FE, United Kingdom Tel. +44 1224 702211 uksales@semcomaritime.com

Read more about Semco Maritime Ltd: www.semcomaritime.com/uk

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### **Electrical & Instrumentation Engineering**

Our highly qualified electrical and instrumentation team provides feasibility studies, front-end engineering design (FEED), theoretical studies, detailed design, analysis, and execution using the latest technologies.

With in-house ability to design, manufacture, install, maintain, service, and upgrade/refurbish a full range of medium and low voltage electrical control panels, Semco Maritime can support the most complex of projects. These solutions cover equipment such as motor control centers (MCCs), distribution switchgear, relay interface panels, distribution boards, hazardous area electrical equipment to an accredited ATEX standard, and helideck lighting meeting CAP437 requirements.

The team performs a full range of electrical installation and testing services, both on and offshore. From smaller field works and offshore panel upgrades to full E & I scopes, our engineers hold the knowledge to support.

#### Manufacturing

At Semco Maritime, our team provides a complete range of industrial and hazardous area (Ex) panel build solutions that focuses on the fabrication, production, and testing of control panels/systems. We ensure that all manufactured panels are fully compliant with the international standards specified by our clients.

#### **Obsolescence Studies**

Semco Maritime is vendor-independent, with industry-focused and experienced Engineers that are ideally positioned to provide impartial advice and expert project management services for the replacement of obsolescent equipment.

With over 40 years of experience across the Global Semco Maritime business, we have vast experience and knowledge when it comes to obsolete items, allowing us to provide efficient and effective solutions for our clients.

#### **High Voltage**

Semco Maritime provides a full range of HV services for both Offshore Wind and Oil & Gas installations. Offering in-house design, consultancy, installation, energization, testing, and commissioning, Semco Maritime can support operations and maintenance for electrical networks up to 66kV.

- High Voltage Turnkey Solutions
- HV T & T (66kV)
- Fibre Splicing & Testing
- Consultancy & HV Safety

Installation

• Operation & Maintenance





## Read more about Semco Maritime Ltd: <u>www.semcomaritime.com/uk</u>