

CAPABILITY STATEMENT

EP HVAC Inc. specializes in project management and engineering in the marine, offshore and industrial market. The company is comprised of senior professional engineers and managers with a collective history of successful project administration in the offshore and marine industry. EP HVAC has a broad clientele of designers, builders, and owners for whom we provide HVAC systems engineering and equipment. Our expertise in mechanical ventilation, refrigeration design, and comfort cooling in a complex environment provides the client with sound, fundamental engineering. This strength in design guides us to custom, purpose built solutions to address today's changing and challenging requirements. Complete semi-submersible rig projects have been executed to comply with harsh North Sea requirements of NORSOK, NMD and DNV. Custom project execution to meet ABS Crew Habitability HAB+ standards, and Brazilian Offshore regulations with full supporting in house engineering position us to assist clients prepare for operations in a global market. EP HVAC Inc. also provides direct technical services to ENSCO, ExxonMobil, Transocean, Noble, and other engineering firms in Houston active in the offshore industry.

EP HVAC Inc. has assembled a strong industry team to meet the strict requirements of the specifications for worldwide offshore projects. Specialists in platform systems installation, offshore design and engineering, HVAC Project Management and controls systems are partners in our ventures. EP HVAC has established operations in Canada, the US, and the Netherlands to provide client support from conception to commissioning of projects. EP HVAC Marine BV operates from Rotterdam to service the EU marketplace. EP HVAC US Inc. is established in Texas with a full service and installation capability for offshore and marine clients. Our experienced technicians mobilize to operational platforms or provide new construction commissioning support globally.

Design Experience

EP HVAC Inc. personnel have provided the project management and engineering on many challenging offshore, naval, and marine projects operating in worldwide service. EP has executed engineering work for drill ships, semisubmersibles, jack up drillers, wind farm installation vessels, surface combatant vessels, and marine service vessels.

Our company factories in Beaumont, Texas and Rotterdam provide custom HVAC equipment in galvanized or stainless steel construction. Custom equipment capacity ranges from 6 KW to 700 KW of cooling, fresh or seawater cooled, or air cooled as the project demands. EP also offers standard HVAC equipment within the industry manufacture's range of capacities. Units can be constructed to meet stringent requirement of operation in hazardous and explosive environment (Class 1 Div 1 or Div 2, ATEX, AEx, CE, CSA and NEC) and in compliance with USCG, ABS, IMO, DNV, Lloyd's rules/regulations.

In conjunction with full staff of “In House” professional engineers, EP HVAC Inc. utilizes the state of art design software including Auto-CAD, MEP 2010, ASHRAE Psychrometric analysis, along with custom developed Heat Load calculations to meet SNAME requirements.

EP HVAC Inc. also offers complete solutions for specialized refrigeration and low temperature application requirements. We provide complete system solutions including system design, equipment supply, installation, project management and final testing and commission of the refrigeration systems. Typical projects include provision plant/cold stores system design for marine/naval ships, low temperature, dual stage cascade systems, and low temperature systems using environmentally friendly refrigerants. Design and installation of hydronic systems, steam & condensate systems, high temperature thermal oil systems, and custom filtration solutions is part of our team’s capability.

EP HVAC Inc. also offers specialist HVAC/R consulting services to the marine and naval industry. As required we are able to guide clients with design recommendations, equipment solutions, and installation support. With our supplier network EP HVAC Inc. are able to offer purpose built machinery for application specific design.

HVAC and Refrigeration Repair (Mobile Team)

As a global HVAC company committed to providing complete HVAC solutions to our marine and offshore clientele, we provide quality 24/7 “On Demand” service and repair support worldwide for the HVAC and refrigeration systems. Our service technicians are experienced in all aspects of HVAC and refrigeration systems. As the marine and offshore service industry is based on cooperation EP HVAC Inc. has established reciprocal service agreements with key partners in Korea and Singapore in addition to our highly skilled technicians.

Quality Assurance

EP HVAC Inc. is comprised of professional engineers providing services to an international clientele. Our engineering processes and management systems have attained full ISO 9001:2008 certification. We are designing and manufacturing state of the art components and systems to the highest standards of business and engineering professionalism. Our quality policy is based on the principle that products and services must be developed, delivered and implemented according to our customer’s specific requirements and standards. All quality control personnel work hand in hand with production staff to ensure that every product supplied meets the exacting standards of the Quality Assurance Program. All of our equipment manufacturers are also required to maintain ISO level quality programs. EP HVAC Marine BV in Rotterdam is also certified to ISO 9001 for equipment production in the OEM market.