



GREAT CAREER OPPORTUNITY – MARINE & OFFSHORE SERVICES

Naval Architect – Salvage & Marine Projects

Ardent is an industry leader within marine services based in Houston, TX. Building on the heritage of two respected salvage companies, Titan and Svitzer Salvage, our service offering covers risk mitigation, emergency response, wreck removal, offshore decommissioning and other marine services. .

The Naval Architects play a role both in Emergency Management & Response for salvage cases, as well as solution generation support to the Projects & Solutions team. The job scope covers a wide range of functions both commercially (tenders) as well as operational execution in the field. We set the bar high for our team to provide best in class solutions to our clients and other stakeholders.

For the right candidate, this position offers the opportunity to work on a small team, learning from experienced salvage and projects professionals. The position plays a critical commercial role in providing innovative engineering solutions to our clients, and also supports operations in the field as part of the execution team.

For the right person who can be an effective team leader the job offers a great learning experience and growth opportunities.

Specific Areas of Responsibility:

- Provide support to Salvage Masters in a wide range of areas such as hydrostatic calculations inclusive of model development and verification with ship documentation, ground reactions/ freeing force requirements, salvage plan preparation/ drawings, towing plan/ calculations, rigging design and connections to ship structure, welding design, work vessel arrangements and site layout plans, lashing calculations.
- Provide support developing specialty tools and equipment from concept to as-built stage with supporting documentation.
- Assist with proposal development with conceptual drawings and technical descriptions.
- Support a wide range of salvage operations including initial surveys, emergency response/ damage control efforts, lightering/ cargo removal operations, salvage towing, wreck removal/ scrapping and other routine marine operations under unusual and extreme circumstances.

Required/Preferred Education

- Minimum Bachelor's degree in Naval Architecture/ Ocean Engineering from an accredited college (a Professional or Chartered Engineer credential is preferred)
- Proficient in hydrostatic calculations (experience using GHS)
- Proficient in welding and structural design and analysis (some FEA experience preferred)
- Proficient with Microsoft Word, Excel, and Project.



- Proficient in Autodesk Autocad, Rhino3D (familiarity with Autodesk Inventor or another parametric modelling software is beneficial)

Training, competencies, and miscellaneous

- Ability to work independently and in a team environment, providing technical support on-site or remotely
- Mooring system design
- Familiarity with classification society rules
- Heavy lift operations experience
- Hydraulic system design/ trouble shooting skills
- Knowledge of commercial diving operations
- Shipyard/ Port Engineer experience
- Sea-time preferred
- Must be able to travel domestically & internationally as needed.

How to apply:

Interested candidates should submit a CV/Resume to Ardent`s Director of HR at the below email address:

Daniel.estebanez@ardentglobal.com