



# Engineer (Structures)

Vancouver, BC, Canada (On-site)

## JOB DESCRIPTION

Albion Marine Solutions Ltd. is looking for talented professionals as part of our Technical department's sustainable growth strategy. We create exceptional opportunities for skilled engineers and technologists who join our team. These roles are particularly well suited for experienced individuals who want to balance practical design with hands-on activities in Greater Vancouver Area.

The Engineer (Structures) performs a broad range of discipline-specific assignments. The potential resources required for the Naval Engineering Discipline may include, but is not limited to:

- a) Senior Structural Engineer – 1 position.
- b) Intermediate level Structural Engineers – 4 positions.
- c) Junior level Structural Engineers – 2 positions.

The common skills and abilities required of all disciplines include:

- a) Demonstrated ability to work both independently and in a team environment;
- b) Excellent communication skills with managers, team members, and technical working groups;
- c) Above average communication skills including written, verbal, listening and presentation;
- d) Demonstrated ability in the creation of equipment purchase specifications;
- e) Good organizational skills; and
- f) Committed to a high standard of safety and able to comply with all safety laws and all of the employer's safety policies and rules.

The skill sets, qualifications, and experience required by the Structural Engineering discipline include, but are not limited to:

### Senior Structural Engineer (In Naval or Marine Environment)

- a) Bachelor's Degree in Naval Architecture or Mechanical Engineering (Structures) is required.
- b) 10 or more years post-secondary experience working in Structural Engineering and Design in Naval and Marine Environment.
- c) Previous shipyard production experience is an asset.

- d) Experience working with a diverse integrated project team is considered an asset.
- e) Professional Engineering designation in the Province of British Columbia is an asset
- f) Ability to work as a team leader and guide and mentor Junior and Intermediate engineers from the Technical perspective.
- g) Good knowledge of Ships Rules and regulation of Classification Society including IACS Rules
- h) Good Knowledge of Finite Element Methodology and Analysis is considered an Asset

Intermediate Structural Engineer (In Naval or Marine Environment)

- a) Bachelor's Degree in Naval Architecture or Mechanical Engineering (Structures) is required.
- b) 5 or more years post-secondary experience working in Structural Engineering and Design in Naval and Marine Environment is considered necessary.
- c) Previous shipyard experience is an asset.
- d) Experience working with a diverse integrated project team is considered an asset.

Junior Structural Engineer (EIT- in Naval or Marie Environment)

- a) Bachelor's Degree in Naval Architecture or Mechanical Engineering (Structures) is required.
- b) Less than 5 years post-secondary experience working in Structural Engineering and Design in Naval and Marine industrial Environment is considered necessary.
- c) Previous shipyard experience is an asset.
- d) Experience working with a diverse integrated project team is considered an asset.

Familiarity with the following software is an asset:

- a) Structural Software
  - i. Femap
  - ii. Multiframe 3D
  - iii. SolidWorks
- b) 3D modeling
  - i. Cadmatic
- c) 2D Drawings
  - i. AutoCad

The estimated salary for this position is to be provided based on many factors including the successful Candidate's skillset and experience as well as position location and internal equity. The final base salary offer will be at the Company's sole discretion and presented as part of a competitive total compensation package.

Note: Project duration - Apr.15,2024- May 30,2025, with the potential for an 3 month extension. We have multiple positions available.

## ABOUT US

Albion Marine Solutions Ltd., Canada is dedicated to providing shipping industry with reliable, professional and cost-effective consultancy, engineering, site supervision, retrofit and project management services worldwide in the fields of all marine, offshore and oil and gas activities.

**To learn more, visit our website:** <https://albionmarine.com/>

**Please send your CV's at -** [hr@albionmarine.com](mailto:hr@albionmarine.com) / [gagan.kaur@albionmarine.com](mailto:gagan.kaur@albionmarine.com)