

Position – J24-21 Junior Mechanical/Materials Handling Engineer**Position Type** – Full-time, Salary **Salary Range** – \$80,000 to \$110,000 CAD**Availability** – Immediate**Location** – Burnaby**Job Overview**

Westmar Advisors Inc. (Westmar) is a dynamic and growing advisory and engineering company focused on industrial and public infrastructure. We strive for technical excellence and innovation within a culture of professional integrity. Our values are centered on caring for people and encourage diversity, equity, and inclusion across our company. We provide services across all phases of project development and infrastructure type, from local waterfront structures to large capital projects for multinational clients. Our clients for mechanical engineering services include bulk and container terminals, mines, railroads, and owners of marine facilities such as barge ramps and ferry terminals.

We are looking for an engaged and enthusiastic Junior Mechanical and Materials Handling Engineer to join our team. The chosen candidate will be registered with EGBC as an Engineer in Training or a Professional Engineer with technical proficiency in mechanical engineering. A background in bulk materials handling facilities, fabrication, inspection, construction, or commissioning is preferred. This position is available at our Burnaby location.

Technical Responsibilities

- Execute detailed design of mechanical systems and infrastructure.
- Generate project deliverables including design criteria, drawings, construction specifications, and reports. This may include calculations, procurement support, market research, and logistics studies.
- Prepare quantity take-offs and assist in the preparation of capital cost estimates.
- Provide field services to support projects during construction.
- On occasion, assist with equipment and machine inspections (for example bulk shiploaders, stacker/reclaimers, , rotary rail dumpers) and prepare inspection reports. This may require work at heights, operation of elevated work platforms (man-lifts), use of fall-arrest equipment and methods, and confined space procedures. Training will be provided where necessary.

Project Management Responsibilities

- Work with managers to contribute to proposals, develop cost estimates, and assist with project scheduling, budget management, and progress reporting.
- Grow into taking on more overall project responsibility, for example taking the lead and managing inspection projects.
- Contribute to a diverse and positive workplace through positive, value-driven interactions with other team members.

Requirements

- 2 to 5 years of experience in the engineering of mechanical systems and infrastructure.
- Mechanical aptitude with hands-on experience, preferably in a heavy industrial setting.
- Registered or eligible for registration with Engineers and Geoscientists British Columbia.

Assets

- Proficient in MS Excel, ideally with the ability to run models or simulations, analyze performance data, and carry out complex technical calculations.
- Strong interpersonal skills and experience working with existing and potential clients.
- Strong communications skills, including proficiency in technical writing and MS Word.
- Solid modelling and/or drafting experience, especially with Solidworks.
- Experience working on projects in the Pacific Northwest.
- Being comfortable working outdoors in operating industrial facilities and/or construction environments.

We look forward to hearing from you, please send resume with covering letter to careers@westmaradvisors.com .

