Civil/Structural Engineers – Junior and Intermediate

Department: Engineering
Reports to: Lead Engineer – Civil/Structural
Location: North Bay, ON. Remote work location will be considered with travel to North Bay as required.
Job Type: Full-Time, Permanent, 40 hours per week
Date Posted: August 19, 2021
Application Deadline: September 9, 2021

About Cementation Canada:
You feel passionate about what you do. You made the right decision choosing your career path. The question is, are you in the right place? Is your full potential being realized, are you continuing to develop expertise in your chosen field, and does your passion remain strong? At Cementation we respect experience; we get excited about potential.

Cementation is an underground mine contracting and engineering company. We build mines. Structured to deliver design-build solutions for technically challenging projects, our people build world class shaft sinking and mine development projects. Our work requires a team approach where respect is expected and innovation is encouraged as long as safety is not compromised.

Being an employer of choice in the mining industry has always been a mainstay of our mission statement, and Cementation is proud to have been selected as one of Canada’s Top 100 Employers for seven years. Open the door to new opportunities and grow with us.

Key Accountabilities:
We are seeking a Junior or Intermediate Civil/Structural Engineer to join our Engineering Group. As a Civil/Structural Engineer you will:

General Accountabilities:
- Be a champion for safety, advocating safe behaviour while incorporating safety into the designs produced by the group.
- Collaborate with Project Services and Operations to produce "Best For Project" designs that are safe, reflect the Client’s operability requirements first, and are constructible.
- Complete and file all necessary calculations to ensure compliance with codes, standards, regulations, special industry guidelines, company and Client standards.
- Select Structural System and components, completing all necessary calculations to ensure compliance with codes, standards, regulations, special industry guidelines, Cementation and Client standards.
- Ensure that regulatory, safety and Client operability requirements are met, and collaborating with Operations to ensure that the plant will be built in the safest, most efficient and cost effective manner possible.
- At various project phases, complete timely review and mark-up of drawings, ensuring collaboration with other Disciplines, Project Managers, Project Services and Operations, Designers and Quality Group to ensure timely "one time only" reviews. Ensure compliance to Engineering Design calculations, codes, standards and regulations.
- Complete code and math checks of your own work. As requested, complete code and math checks of other Engineers.
- Understand and enforce Change Management Principals, use Cementation standard forms, ensuring that project
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• Scope, budget and schedule are respected at all times.
• Conduct Quality Assurance shop or on-site reviews of fabricated or constructed work to assure that Quality Control measures have effectively delivered work that complies with regulatory, Cementation and Client requirements.
• Assure that all tests, inspections and measurements mandated by regulation or by the Engineer of Record have been completed and satisfied and have been satisfactorily addressed.
• This position has the requirement for occasional travel to our project sites and offices. Travel period may range from one day to several weeks.
• Other duties as assigned.

Skills, Knowledge, and Abilities:

• Leadership of discipline specific Engineering Design Teams
• Collaborative Team Player
• Respectful
• Professional
• Effective Communicator
• Engaged
• Innovative
• Self-starter who is responsible and accountable for their work, and the work of others.
• Positively reacts to Change
• Good working knowledge and skills in the following software:
  o Recognized 3-D parametric or associative design software.
  o RISA or other recognized structural analysis software.
  o MS Office Suite, Oracle P6 Scheduling

Qualifications:

• Degree from a recognized university relevant to the areas of responsibility and licensed in one or more provinces in Canada.
• Experience in mining or other heavy industrial sectors.
• Experience in shaft sinking, surface and underground mining infrastructure would be considered an asset.

All external candidates can apply by submitting their application to
https://cementationjobs.applicantpool.com/jobs/