

Professional Engineer - Electrical

Required: Professional Engineer (Electrical)

The successful candidate will have a valid Professional Engineer certification with the Association of Professional Engineers and Geoscientists of British Columbia.

They will be responsible for the overall design, development, testing, integration and certification of electrical and control systems for different aspects of the Coulson Ice Blast system.

This may include, but not be limited to, power system development and certification, control system design and certification, electrical subsystem integration, software development and electrical safety certification.

Experience in any or all of these disciplines is a benefit:

- Power system design and certification
- Control system design and certification
- Motor selection, protection and sourcing
- Panel layout design and construction
- Remote data collection, logging and machine control
- Component sourcing
- Regulatory disciplines
- Abrasive blast or other cleaning equipment design or use
- Machine electrical design experience
- OEM equipment design
- New product development
- Familiarity with Solidworks CADD, AutoCAD and other engineering software.

The successful candidate must work well with a multi-disciplined design team and clients in a very dynamic environment. The ability to perform client site visits and support in a global business setting is required.

Remuneration is negotiable