

Professional Engineer - Mechanical

Required: Professional Engineer (mechanical)

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 mechanical systems for different aspects of the Coulson Ice Blast system.

This may include, but not be limited to, pressure vessel development and certification, refrigeration system design, fluid flow analysis and machine structural certification.

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

- Pressure vessel design and certification
- Refrigeration system design
- Fluid flow design
- Regulatory disciplines
- Abrasive blast or other cleaning equipment design or use
- Machine structural design experience
- OEM equipment design
- New product development
- Familiarity with Solidworks CADD and FEA 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.