

Engineer - Electrical

Required: Engineer (Electrical)

The successful candidate will have a valid engineering degree from an accredited university.

They will be responsible for assisting the Senior Engineer with 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. Coulson Ice Blast engineers are also expected to perform various “hands-on” tasks as part of their normal responsibilities. The ability to perform client site visits and support in a global business setting is required.

Remuneration is negotiable