



## Controls Design Engineer

### Job Overview

The Controls Design Engineer is part of the engineering and design team that builds and delivers Northern Reliability engineered solutions. Work is primarily based out of our Waterbury, Vermont office. However, you may be required to travel to the customer's project site during system installation and the commissioning phases of a project.

### Essential Functions and Responsibilities

- Ability to read electrical schematics.
- Ability to plan and execute PLC programming code.
- Understanding of analog and digital I/O circuit design.
- Familiarity with industrial communications protocols such as Modbus and DNP 3.0.
- Experience translating customer requirements into a finished product.

### Reports To

The position will report to the Director of Engineering.

### Qualifications

- A degree in engineering is preferred, with an emphasis on controls, electrical, or software engineering.
- Exceptional technical and problem-solving skills and reasoning ability.
- Ability to communicate effectively and clearly.
- Must be self-motivated and a great team worker.
- Experience working with electrical power systems is a plus.

### Physical Requirements

- Hearing and vision within normal ranges, with or without corrective lenses or an assisted hearing device.
- Good manual dexterity is required for occasional wiring, assembly, and din-rail device installation.

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