



9/28/2022

## **Job Description : Control System Specialist**

### **Core Job Responsibilities:**

- Create PLC programs, Ladder Logic and/or structured text
- Assist with Control system, network communication, and industrial process design
- Source and procure industrial automation control equipment
- Control system Engineering Document production
- Test and validate Software and Hardware systems
- Commission sites and start-up facilities
- Controls optimization
- Provide ongoing support and trouble-shooting at different facilities
- Design and implementation of secure telecommunication and network infrastructures
- Provide input to piping and instrumentation drawings (P&ID) and control narratives
- Travel to project sites including remote sites as needed

### **Required Qualifications:**

- Graduate of an Electrical or Instrumentation Engineering Technology program, or from a related program with relevant experience in Instrumentation and Controls
- Minimum 1 years of experience developing PLC programs in an industrial setting

### **Desired Experience:**

- Programmable Logic Controllers (PLCs)—Opto-22, Allen-Bradley or Siemens preferred
- Electrical Controls Design—AutoCAD, Solidworks Electrical
- Hands-on experience in building and commissioning automated machinery
- Human Machine Interfaces (HMIs)
- Motion Control (Pneumatic, Servos, and VFD drives)
- Machine Vision Systems –Cognex, Epson, and Keyence preferred
- Digital communications
- Familiarity with ISA, IEEE and CSA standards, including the Canadian Electrical Code, and how to apply them to designs

### **Abilities & Skills:**

- Effective verbal and written communication
- Team player, but also able to work independently and take responsibility
- Able to work efficiently and effectively when managing multiple tasks in a highly scheduled environment

### **Location:**

The jobsite is located in McBride, BC, however the candidate may live elsewhere and commute from a regional major hub such as Prince George

To apply for this position please email a cover letter and resume to:  
careers@bcbiocarbon.com