



## Controls Engineer Position

*EXEL North America has an opportunity for the right person to fill the position of Controls Engineer. Please see the job description below. If you are interested, please call Carrie Hinson at 1.800.573.5554 ext. 3082:*

**Position Title:** Controls Engineer

**Position Start Date:**

**Status (please circle):** Exempt Non Exempt

**Reports to:** Director of Engineering

**Main Purpose of the Job:** Responsible for the design, integration, and administration of paint and dispense automated controls systems. Plan and develop scope for PLC/HMI programming, which includes commissioning, startup and optimization of the controls systems for paint and dispense applications.

### **Main Activities and Duties:**

- Provide controls engineering support in office and at customer facilities to establish goals and means to achieve these goals
- Communicate with the project manager concerning progress or problems related to the project.
- Lead in development and validation of new / improvement of current products
- Lead in development of new / improvement of current controls architecture
- Technical clarification and discussion with customers / vendors / suppliers
- Provide installation, commissioning and trouble-shooting support
- Assist in preparation and deliveries of sales presentations
- Requires 65% travel, domestically and internationally

### **Required Skills and Experience:**

- Proven experience in multiple PLC programming languages such as Allen Bradley, Siemens, Mitsubishi, Schneider, and Wago
- Strong technical knowledge of fieldbus communication (ControlNet, PROFIBUS, DeviceNet, ModBus, Ethernet/IP, CAN)
- Proficient in HMI applications developed in Visual Basic, MS Visual Studio, and Panelview+. Knowledge of WinCC Flexible, iFix, and other HMI languages desirable
- Knowledge with robotic paint application equipment and processes (FANUC, ABB, Kawasaki)
- Strong understanding of paint and dispense application technology using SAMES, Kremlin Rexson, and Johnstone products.
- General knowledge of paint process using bell speed, high voltage, shaping air, fluid control via gear pumps or regulators/flowmeters.
- Hands-on experience with electrical and mechanical equipment; measurement tools and techniques
- Minimum of 5 years experience in manufacturing / engineering environment.
- Ability to multitask by handling diverse assignments concurrently in a demanding environment



**EXEL North America, Inc.**

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Corporate : (734) 979-0100 Fax : (734) 927-0064 Website : [www.exel-na.com](http://www.exel-na.com)

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- Work well independently or be a team leader

**Formal Education Required:**

- BS Degree in Electrical Engineering, Computer Science or a related field
- Will consider equivalent experience and vocational school

**Other Desired Skills, Experience, Traits:**

- Proficiency in French, Spanish languages
- Knowledge of paint process or path teach
- Experience with FANUC Robotics a plus



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