



# Systems Interface Inc.

(425) 481-1225 T  
(425) 481-2115 F  
[www.systems-interface.com](http://www.systems-interface.com)

22125 17<sup>th</sup> Avenue SE - Suite 111  
Bothell, WA 98021-7406 USA

## Control System Engineer

### Primary Function:

The Control Engineering position requires an individual that is a self starter, must work well with others and have good communication skills. The engineer will project manage many contracts at a time so good organizational skills and the ability to manage multiple project plans from conception to completion is essential.

The control system engineer will be involved in the design and implementation of electrical process control systems for various industries, ie. Municipal Water/ WasteWater, industrial, Chemical, Aerospace, and food and beverage. Designs will be based on customer specifications or complete turnkey solutions.

The control system engineer will report to the engineering manager.

### Typical Duties and Responsibilities:

- Application of industrial control and power hardware
- Design of electrical control panels including mechanical layouts
- PLC programming for process and machine control
- HMI programming for process and machine control
- Higher level Database creation, manipulation and debug
- Networking and communications design and implementation
- Wireless Communications (Radio, Cellular, satellite)
- Project Management

### Skills Required:

- Efficient and performance driven
- Demonstrated ability to develop and apply innovative concepts
- Capable of multitasking a number of contracts
- Commitment to excellence in quality and service
- Excellent presentation and communication skills
- Working knowledge of the NEC, NFPA79 and UL as applied to industrial control systems

### Education and/or Experience Requirements:

- BS degree in Electrical Engineering or equivalent 3 - 5 years experience
- Proficient in AutoCAD and Microsoft office products (Word, Excel, Outlook, MS Project, etc.)