



Title of Position and Code
Staff Controls/Automation Engineer – CAE-WA-19-02

Staff Controls/Automation Engineer

H2E does the right thing for industrial clients and team members. The result is world-class electrical engineering, process and design. We work with Mining, Light Metals, Hydro Electric, Cement, Aggregates, WWTP, Utilities, DOE, Manufacturing and Wood Products. We are currently looking for a Staff Controls/Automation Engineer to work and grow with us at our Liberty Lake, WA headquarters.

About Your Work:

You will work with other engineers, designers, and clients to develop processes and design control, PLC, and SCADA/HMI systems for our clients. You'll have the opportunity to automate factories, saw mills, mines, manufacturing plants and hydroelectric facilities. Your creativity is required.

The best candidates will apply their extensive and diversified knowledge of principles and practices in broad areas of control/automation engineering assignments and related fields. They will also use advanced techniques in the modification or extension of theories and practices of sciences and disciplines to complete assignments.

Essential Responsibilities:

Technical

- Gains and applies a working knowledge of current principles and practices of Controls/Automation engineering.
- Assists with control system network design, I/O loading and partitioning, automation equipment selection, specification and procurement.
- Assists with development of process control logic functional narratives, HMI graphics, SCADA design and automation studies, logic drawings, location plan drawings, cable schedules, interconnection drawings, schematics, etc.
- Reads and interprets control system, construction and installation drawings.
- Develops equipment specifications and construction specifications.
- Assists with the preparation of permit applications, material testing, basic design tasks, and CADD work.
- Assists with performing fieldwork including start-up, testing and commissioning of medium and low voltage equipment.
- Observes construction activities and visits construction/plant sites and fabrication shops during design phase on as required basis.

Leadership / H2E & Project Management

- Obtains a working knowledge of project execution concepts and practices.
- Assigns tasks to and coordinates with technicians, administrative staff and supports Senior and Principal Engineers.
- Assists with proposals to provide professional services.
- Assist to complete projects within scope, on time and on budget with safety and quality requirements met.
- Monitors project execution via project schedules.

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(509) 927-2424 | (509) 927-2422



Communications

- Represents the organization in communications and documentation pertaining to broad aspects of engineering assignments.
- Possesses advanced oral and written communication skills.
- Regularly interacts with clients, customers, officials, contractors, and others.

Ownership / Growth / Direction

- Develop the ability to work independently with minimal supervision upon assignment of tasks. May require some technical and/or procedural help.
- Continual self-improvement in latest technology and equipment in the industry.
- Continual self-improvement in interpersonal skills and effective oral and written communications.
- Follow Company policies, procedures and work instructions as found on the Company network.

Minimum Qualifications:

- Minimum of two years' experience with a Consulting Engineering firm or Industrial/Utility environment.
- Bachelor's Degree in Engineering from an ABET accredited program.
- EIT certification required.
- Knowledge in PLC concepts and the application of these concepts to meet various process applications.
- Knowledge of various SCADA platforms (i.e. RSView, WonderWare, Inductive Automation, etc.).
- Knowledge of various PLC platforms (i.e. Rockwell, Allen Bradley, GE, Schneider, Siemens).
- Working knowledge of construction techniques.
- Ability to effectively obtain, develop and communicate technical information to both clients and customers.
- Ability to work efficiently and effectively when managing multiple tasks.
- Effective oral and written communication and excellent interpersonal skills with the ability to work through the resolution of project related issues.
- Must be self-motivated, results oriented, and be flexible to work well under tight schedules in a fast-paced team environment.
- Efficient in the use of MS Office software suite: Outlook, Excel, Word, OneNote, Project and Access

What H2E offers:

- Competitive Wages
- Health/Dental/Vision benefits
- Flexible hours
- Holiday, Sick, and Vacation Time
- Opportunity for Advancement
- Amazing Team Environment

How to Apply:

Please review the position posting and respond with cover letter and resume. Including previous work samples as appropriate is highly encouraged. Apply via E-mail to recruiting1@H2Einc.com