



Instrumentations, Controls, and Electrical Engineer

Be part of a team that is tackling one of the largest challenges of our generation. As an Inventys employee, you will apply your talents in ways that make a difference in our world by directly contributing toward technologies to reduce greenhouse gas emissions.

Inventys is a clean energy technology company with a credible solution for capturing point-source CO₂ emissions and accelerating the global transition to a lower-carbon economy.

We are looking for an ICE Engineer to design, develop, install, manage and maintain equipment which is used to monitor and control engineering systems, machinery, and processes.

Key Responsibilities:

- Designs and develops new control systems.
- Tests, maintains and modifies existing systems.
- Analyses data and makes recommendations to management.
- Manages operations of systems.
- Works collaboratively with design engineers, operation engineers, purchasers and other internal staff to create cost efficient designs.
- Liaises with clients, suppliers, contractors and relevant authorities.
- Manages projects within cost and time constrained environments.
- Understands and ensures compliance with relevant health and safety regulations and quality standards.
- Experienced in the application of electrical relevant codes and standards for North America and Europe.
- Liaises with Purchasing on equipment procurement.
- Writes computer software and test procedures.
- Ensures proper documentation of analyses and results.
- Prepares electrical schematics, single line diagrams, control narratives, shut-down keys, ladder logic, control panel graphics, etc.
- Ensures suppliers deliver equipment and services as agreed upon.
- Supports installation, commissioning and start-up of equipment in the field.

Qualifications:

- Experience: At least 7 years' of industrial experience with instrumentation controls and process equipment
- Education: University Degree in Electrical Engineering
- Technical: experience with as many of the following is preferred: advanced process control (APC), distributed control systems (DCS), programmable logic controllers (PLC), supervisory control and data acquisition (SCADA)
- Demonstrated ability to use software tools to prepare electrical drawings and schematics

- Demonstrated ability to perform design calculations for electrical and control systems
- Critical thinking skills and good judgment
- Ability to work well with cross-functional teams and diverse groups of stakeholders
- Adaptable to change
- Demonstrated interpersonal skills in establishing cooperative working relationships both internally and externally
- Demonstrated written and oral communication skills
- Ability to develop and deliver presentations
- Ability to work independently and as part of a team
- High level of initiative
- Good time management, with ability to organize, prioritize and meet deadlines
- Strong attention to detail
- Excellent listening skills
- Excellent analytical skills with ability to make sound recommendations
- Ability to travel, i.e. hold valid passport

As a team member you will work in a safety-first environment while enjoying competitive benefits, supportive co-workers, and interesting challenges to solve. You will grow through challenging work with diverse, talented people and by finding endless opportunities to learn and engage.

If you want to take the next step in your career, send your resume to jobs@inventysinc.com with "ICE Engineer" in the subject line. For more information about Inventys, please visit www.inventysinc.com. You can also connect with us on Facebook or Twitter @inventysinc.