



Job Description

Job Title: Field Engineer

Location: Urbandale, IA

Houston, Tx

About Energy Control Technologies (ECT):

We (Energy Control Technologies, Inc.) are a fast-paced, entrepreneurial company that is looking for an energetic employees to help us grow our company. ECT's customers span the Industrial/Manufacturing, Oil and Gas and the Bio-fuels market segments and our products are state of the art in the field. You will have the opportunity to work on some of the most complex and critical machines that directly affect the operation of energy production plants across the world.

About the Position:

Complete the final phase of project delivery by providing on-site testing and startup for purchased control systems. Troubleshoot and solve performance issues and problems on both new and existing systems. In addition to assigned project work, a Field Engineer provides documentation and feedback to the Engineering and Sales Departments.

Key Responsibilities:

- Responsible for the successful completion of assigned engineering projects.
- Participate in client/contractor meetings and work toward resolving client and project engineering issues.
- Sustain good communication with project clients ensuring effective engineering and satisfaction of client goals.
- Read P&ID's, Instrument loop diagrams, wiring diagrams and panel layout drawings.
- Travel to project site for field commissioning and troubleshooting of complex systems on PLC equipment.
- Commission field devices, test compressors and turbines, configure and tune programmable controllers, provide system testing.
- Edit programmable logic as required.



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- Position is responsible for compliance to ECT and industry-accepted standards, and project specifications.

Requirements:

- B.S. Engineering or 6 years engineering experience.
- Ability and desire to travel internationally, including offshore platforms and remote locations.

Desired Traits:

- Programming and configuring RSLogix5000, and FactoryTalk View software, TK Solver, SolidWorks, MATLAB, C/C++ Programming, Autodesk's AutoCAD Electrical.
- Familiarity with various PLC and DCS equipment. Including Siemens, ABB, Emerson Delta V, Honeywell, Rockwell or any other industrial control system.
- Ability to configure and tune control loops.
- Experience with field devices, transmitters, calibration techniques and strong troubleshooting skills.

Benefits & Compensation:

- Competitive compensation depending on experience.
- Rich and comprehensive Field Bonus plan including off-shore and hazardous area additional bonus options.
- Medical & Dental Insurance including Health Savings Account
- Long Term Disability
- FMLA benefits including both partners.
- 401(k) with company match.
- ECT is an employee owned company and you will have the opportunity to join our ownership team and share in our success after a short vesting period.