

Senior Instrumentation & Electrical Designer

About the Company

At ESC Engineering we are best known for delivering creative and relevant solutions to utilities, industrial entities and governmental concerns ranging from high voltage power applications for electric utilities to controls and automation solutions for manufacturing, water/wastewater and oil and gas to name a few. What we enjoy most is also being known for being there year in and year out for our clients, with whom we have an 85% repeat business rate and many long-term partnerships, and for our team for whom we strive to provide long term growth opportunities. We are 100% employee-owned and that culture is a major factor in the long term relationships we build with our clients and with each other. If this sounds like the kind of team you'd like to be part of apply today and let's work together for a bright future.

Position

Senior Instrumentation & Electrical Designer

Location

Fort Collins, CO

Responsibilities

- Design and support electrical/instrumentation/controls projects consistent with client, company and recognized standards.
- Obtain and maintain a working knowledge of the National Electric Code (NEC) with particular emphasis on hazardous locations. This knowledge must include calculations for conduit fill, conductor sizes/ampacity, deration factors, bend radii and other NEC formulae.
- Have a working knowledge of P&IDs, one-line diagrams, electrical and control schematics, and loop diagrams.
- Must be able to estimate project material costs, labor costs, field construction costs and forecast contractor hours for plant project utilization.
- Play a lead role in documenting field installations.
- When needed, assist in staging materials for contractors, perform quality control for field installation and workmanship, coordinate and schedule contractors to help ensure approved project scope is installed on schedule.
- Proficient in AutoCAD (version 2016 or newer).
- Other duties as assigned.

Qualifications

- Minimum of 10 years experience as an I/E designer in refining or similar industry.
- Associates Degree in related technical field.
- Personality to work with engineering and operational personnel at industrial facilities.
- Problem-solving and client service orientation.
- Demonstrated ability to work with highly technical staff and manage multiple tasks and objectives.
- Motivated and enthusiastic; good people skills and temperament; drive and ambition to set and reach challenging goals.
- People-oriented team player.
- Self-starter with excellent communication skills, both verbal and written to communicate effectively with internal team members and external clients.
- Confident handling of the appropriate software for design purposes.
- Ability and willingness to travel as needed within the continental U.S.
- Legally authorized to work permanently in the U.S. without the need for sponsorship (proper identification required).

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Compensation/Benefits

ESC Engineering offers a competitive compensation package including: medical, dental and vision insurance; 401k and profit sharing retirement plan contributions; life insurance; Flexible Spending Accounts (FSA) or Health Savings Account (HSA); paid vacation and holidays; and as an employee-owned company stock ownership is made available to all team members with attractive return.

Apply

Send resume, cover letter and any other pertinent information to jobs@thinkesc.com.

ESC Engineering is an Equal Opportunity Employer