

Oil & Gas Technology Group

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"Recruiting Top Talent for
The Upstream Oil & Gas Industry"

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Position Title:	Senior Controls Programmer
Salary Range:	\$90K – \$130K 15% bonus target
Classification (Full Time or Contract)	Full Time / US Citizen / US Green Card only
Location:	Denver, CO
Relocation Expenses	Yes
Education Requirements:	BS degree in Electrical Engineering
Experience Level:	Minimum of 8 years experience in oil and/or gas - processing or related field.

Job Description:

Must be a US Citizens or US Green Card Holder.

Duties and Responsibilities

Performs day-to-day support of field installations of HMI and/or PLC systems. Integrates, designs and implements PLC and HMI systems with automated systems associated with natural gas processing plants, compression facilities, automated wellhead production equipment and liquid pumping stations. Compliance and enforcement of company, safety, environmental, governmental policies and regulations as they apply. Performing other duties as assigned.

Work Conditions

Requires: Working in a team-oriented environment; working under stressful conditions associated with critical project deadlines and heavy workloads; will often work alone and with minimal supervision; will be required to work in extreme temperature conditions, both hot and cold; in and/or around moisture; on slippery and/or uneven surfaces, in confined spaces; operating a four-wheel-drive vehicle, and occasional bending, squatting, climbing, twisting, balancing and reaching; will have exposure to noise, vibrations, well-treating chemicals, glycol, methanol, gasoline, natural gas and liquid hydrocarbons; may require irregular or extended hours and travel for project completion.

Requirements Minimum Qualifications

- Knowledge of: PLC operation including programming and configuration, communication capabilities, hardware configurations and power requirements; HMI systems including graphic packages, database implementation and maintenance, driver development and various communication protocols (RS232, RS485, radio, etc.); ISA standards; electrical, automation and instrument systems; various test procedures and ladder logic.
- Skill in: testing, developing and implementing new programming and software applications; RTU and EFM configuration; scientific troubleshooting techniques; the use of various associated test equipment; RTU and EFM software packages; advanced skills using Microsoft operating systems, Excel and Word.
- Ability to: write self-documenting PLC programs; design user-friendly and intuitive HMI graphic screens; adapt to new ideas/technology; read and understand electrical schematics, P&ID's and wiring diagrams; effectively interact with customers, government agencies, sales representatives, engineers; work with and inspect contractors to assure company standards are achieved; effectively communicate orally and in writing; be courteous to co-workers and customers; lift items weighing up to 75 pounds; hear; see objects at close range and in the distance; and distinguish colors and relationship between objects; and refrain from abusive or profane language and behavior in the workplace.
- Requirements: B.S. degree in engineering, mathematics, or computer science, experience in programming PLC and HMI systems in the oil and gas industry or natural gas processing plants; possess valid driver's license.