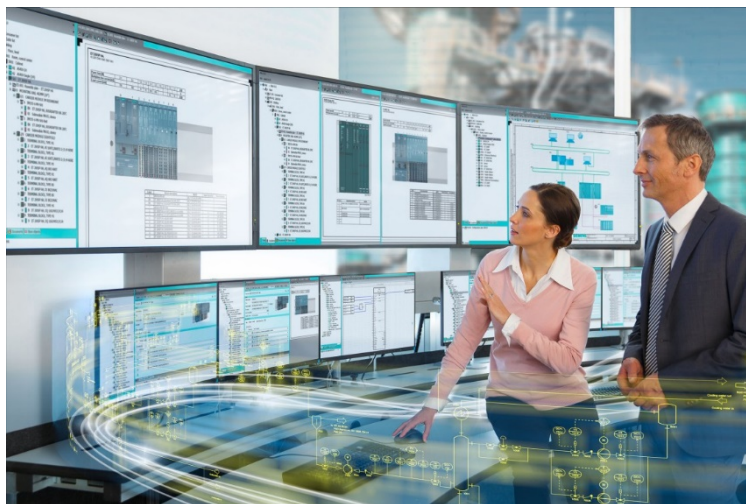


Position Profile: 2252

Automation | Advanced Process Control Engineer

Lake Charles, LA



Prepared By: *ECIG*

This position profile has been compiled by ECIG to identify and hire for the specified role. The following is provided for your personal information and should be kept confidential.

Automation | Advanced Process Control Engineer [2252]

Our client is a leading refiner in the United States and has gained a reputation as one of the safest facilities in the industry. Our client has identified an immediate need for an **Automation | Advanced Process Control Engineer** who has the primary responsibility for developing, implementing and maintaining basic and advanced process control strategies and applications for an assigned area within the refinery. The Automation Control Engineer improves process unit performance and optimizes unit operation through deployment and support of process control concepts and technology. The Automation Control Engineer's secondary responsibilities include support to the alarm management program, advanced operator interface graphics (HMI) development, general troubleshooting of operating conditions, and to provide training to Console Operators regarding control strategies, alarm management and HMI (Human Machine Interface).

COMPANY INFORMATION:

Headquartered in Houston, Texas, CITGO Petroleum Corporation is a recognized leader in the refining industry with a well-known brand. CITGO operates three refineries located in Corpus Christi, Texas; Lake Charles, La.; and Lemont, Ill., and wholly and/or jointly owns 45 terminals, nine pipelines and three lubricants blending and packaging plants. With approximately 3,400 employees and a combined crude capacity of approximately 769,000 barrels-per-day (bpd), CITGO is ranked as the sixth-largest, and one of the most complex independent refiners in the United States. CITGO transports and markets transportation fuels, lubricants, petrochemicals and other industrial products and supplies a network of approximately 4,600 locally owned and operated branded retail outlets in 30 states and the District of Columbia. CITGO Petroleum Corporation is owned by CITGO Holding, Inc.

The Lake Charles Refinery is the seventh-largest refining facility in the United States and has gained a reputation as one of the safest facilities in the industry. As the largest of their three refineries, the Lake Charles Refinery consists of a modern, deep-conversion facility with a crude oil refining capacity of 425,000 barrels per day (bpd).

BENEFITS AND FEATURES

- ✓ 401(k) Retirement Plan
- ✓ Pension plans that provide a source of income for you at retirement in addition to your 401(k).
- ✓ Choose from several health plans, including, Medical, Prescriptions, Dental, and Vision plans along with Flexible Spending and Health Saving Account options.
- ✓ Retiree health coverage
- ✓ Employee Wellness programs including our Healthy Rewards Program where employees receive incentives for participation.
- ✓ Reimbursement for gym membership and an on-site fitness center at select locations.
- ✓ Employee Assistance Program
- ✓ On-site health clinic
- ✓ Employees earn paid time off in addition to company paid holidays.
- ✓ Eligible employees enjoy our unique Recreation Incentive Program, a one-time per year vacation bonus paid in addition to regular compensation with the intent to help with expenses incurred during vacation.
- ✓ Parental Leave
- ✓ Learning Opportunities

YOUR ROLE WITH THE COMPANY:

As an Automation Advanced Process Control Engineer, primary responsibilities will include daily review of existing basic and advanced process control applications, which includes:

- Troubleshooting activities and performing routine work efforts to maintain and improve process control utilization and reliability
- Providing routine work efforts to maintain and improve unit performance
- Designing, reviewing, and modifying regulatory and advanced regulatory control loops and regulatory loop tuning, alarm and point configuration and console operator HMI graphics

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FOR MORE INFORMATION CONTACT:

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- Providing project management on new capital automation projects at the basic, advanced regulatory, or APC levels
- Providing project support on capital projects with significant automation scope and supporting MOC and/or project manager with process control modifications
 - Acting as a process control subject matter expert for process hazards analysis, process design modifications, risk assessment review, alarm management, and incident investigations
 - Designing, monitoring, and maintaining multivariable process controllers in refining process applications

COMMUNITY INFORMATION:

- ✓ A warm welcomes await in Southwest Louisiana/Lake Charles! With over 75 fairs and festivals, it's a year-round celebration of rich and spicy food, music and culture.
- ✓ The Sportsman's Paradise is perfect for enjoying boating, fishing, swimming, water-skiing, and our five beautiful golf courses, including a Tom Fazio-designed championship golf course! Southwest Louisiana offers the best in duck and goose hunting and a variety of other wild game.
- ✓ Lake Charles (French: Lac Charles) is the fifth-largest incorporated city in the U.S. state of Louisiana, located on Lake Charles, Prien Lake, and the Calcasieu River.
- ✓ Founded in 1861 in Calcasieu Parish, it is a major industrial, cultural, and educational center in the southwest region of the state.
- ✓ As of the 2020 census, Lake Charles's population was 84,872. It is considered a regionally significant center of petrochemical refining,



BACKGROUND PROFILE:

- A bachelor's degree in Engineering (Chemical or Electrical)
- 5+ years of Process Control experience, highly preferred
- Refining and/or petrochemical experience, preferred
- Experience with Honeywell and/or Emerson DeltaV DCS systems, highly preferred
- Experience with Honeywell Profit Suite, preferred
- Effective interpersonal and communication skills.

COMPENSATION:

- ✓ Competitive Based on Experience