

Position Profile: 2253

Refinery Process Design Engineer

Lake Charles, LA



Prepared By: *ECIG*

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Refinery Process Design Engineer [2253]

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 a Process Design Engineer at the manufacturing complex. As a process design engineer you will play an essential role to the organization as it influences the short and long term operability and profitability of various refinery areas.

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 a Process Design Engineer responsibilities will include:

- Develop engineering solutions to projects which arise from both planned capital expenditures and from technical service activities in the refinery.
- Support the effort to define, design, implement, and start-up the assigned projects and provide assistance and advice in technical matters.
- Develop and lead process studies to evaluate potential options (both technically and economically), determine the optimum solution, and assist in the development of the scope for the selected option. The selected option could be based on economics, safety, and/or environmental.
- Provide guidance, review, and check process design work performed by engineering contractors on engineering design data, process flow diagrams, P&ID's, process equipment data sheets, and process bid tabulations

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- Support the engineering effort to completely define, design, implement, and start-up the assigned project. Assigned projects could be strategic, maintenance, regulatory, risk mitigation or safety driven.
- Provide assistance and advice in technical matters to fellow engineers, technicians, and supervisory personnel from all departments within the refinery and the corporation

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 Chemical Engineering
- Minimum (5) years of experience in refining/petrochemical industry
- Process Design Engineering experience is preferred
- Effective interpersonal and communication skills.

COMPENSATION:

- ✓ Competitive Based on Experience