

Process Engineer I

Interested in the energy sector? Care about the environment? Then KP Engineering is a great place to further your career. We are an engineering, procurement, and construction (“EPC”) firm serving the refining, specialty chemical and renewable energy markets. We are looking for an entry-level Process Engineer to conduct process design work related to our syngas and hydrogen projects and provide related support on all projects. If you have a great work ethic and an outstanding attitude, KP Engineering is an ideal place to get ahead.

Essential Duties & Responsibilities

- Applies the use of process simulation programs to model processes
- Performs process engineering calculations such as heat and mass balance simulations, equipment sizing, piping hydraulics, control valve sizing, relief system design, etc.
- Develops process design documents for clients including PFD and P&ID development, process equipment sizing, and generation of other written documentation as required
- Performs other duties assigned by the company

Knowledge, Skills & Abilities

- Developing application knowledge & experience with process simulators.
- Working experience with developing and/or maintaining P&IDs
- Excellent interpersonal, communication (written & verbal) and team-building skills.
- Strong organizational skills, written and oral communication skills, self-starter, multitasking skill a must to meet multiple deadlines.
- Ability to write reports.
- Regular and predictable attendance, as well as the ability & willingness to work as required to satisfy project deadlines.
- Travel may be required on an as-needed basis

Education & Experience Requirements

- Bachelor’s degree in Chemical Engineering
- At least one (1) year of engineering experience in the area of process design
- Working knowledge of Microsoft Office Suite with emphasis on Excel

KP Engineering, LP

Headquarters
5575 Old Jacksonville Hwy
Tyler, TX 75703

Houston office
11757 Katy Freeway, Suite 1200
Houston, TX 77079

Desired Skills and Experience

- 2-3 years of experience desired
- Engineer-in-Training Certification with desire to work towards P.E. license with company support
- Knowledge of hydrogen purification technologies such as PSA, membrane separation or others
- Knowledge of syngas processing technologies such as sulfur removal, shift conversion, purification, CO₂ capture, etc.
- Knowledge of alternate hydrogen production technologies such as electrolysis
- Experience working in a chemical plant environment, preferable in hydrogen or gas processing facility

Working for KP Engineering

This position description reflects management's assignment of essential functions, and nothing in this herein restricts management's right to assign or reassign duties and responsibilities to this position at any time. KP Engineering is an Equal Opportunity Employer and does not discriminate on the basis of race or ethnicity, religion, gender, national origin, age, veteran disability or genetic information or any other reason prohibited by law in employment. Each of our employees receives:

- Generous health benefits
- Competitive compensation
- 401K and matching
- Ongoing professional training and development
- Opportunity to participate in community service
- Mobility/flexibility
- Commitment to work-life balance
- Exclusive team-building opportunities

Apply Today

This position will be located in our Houston, TX **or** Tyler, TX office.

Please email your resume to Careers@KPE.com to be considered for this opportunity.