

Process Engineer III

Overview

The Process Group is seeking an experienced **Process Engineer III** (minimum of five (5) years of experience) with a detailed process design background for the bioprocess, agchem, oil refinery gas, and/or chemical process industries to join our growing team.

Job Description

As a process engineer with TPG, you will work primarily on energy, chemical, and bioprocessing projects. A successful candidate will be placed in a key engineering role, working within a small, multi-disciplinary team of engineers and designers to execute design and engineering on projects.

Scope/Key Responsibilities

The successful candidate will be responsible for:

- Analyzes equipment specifications and performance requirements to determine appropriate designs.
- Prepares process design deliverables including:
 - Process Flow Diagrams
 - Piping and Instrumentation Diagrams
 - Orifice and equipment sizing calculations
 - Process line sizing calculations
 - Equipment and Instrument datasheets
- Vendor coordination for selection of instrumentation and equipment.
- Able to perform many process tasks autonomously (e.g. calculations, report writing, options study)
- Reviews and checks the work of other process engineers to determine accuracy and completeness.
- Coordination of design inputs and design activities with other engineering disciplines in a team environment.

Education/License

- Bachelor's degree (B. S.) in Chemical Engineering from an ABET accredited program.
- Minimum of eight (8) years related experience and/or training.
- Qualified candidates must be eligible to work in the United States without sponsorship.
- Professional Engineer License or the ability to attain PE at earliest opportunity.

Computer Skills

To perform this job successfully, an individual should have knowledge of Microsoft Office software and Internet software. In addition, experience in the following process software packages is a plus:

- Aspen Hysys and/or AspenPlus
- AFT Arrow
- AFT Fathom