

## *Process Engineer*

Individuals will be involved in engineering design for projects, proposals and studies.

### Duties & Responsibilities:

- Development and simulations of separations processes
- PFD development with material and energy balances
- P&ID development.
- Equipment design and specification of process vessels, decanters, pumps, compressors and mass transfer equipment including fractionation towers/internals.
- Specification and selection of instrumentation and controls, preparation of utility balances, energy conservation schemes, hydraulic calculations and line-sizing piping specifications.
- Definition of PLC Controls logic and automated sequencing.
- Validation and equipment inspection
- Flow sheet development.
- Prepare operating manuals.
- Project support, including module process checkouts.
- Start-up assistance and client operator training.
- Trouble-shooting and evaluation of existing systems
- Lab/pilot testing.

### Requirements & Qualifications:

- BS/BA degree in chemical engineering
- Minimum of 5 years of related work experience.
- Process simulation modeling skills required. Prior knowledge of Aspen, Hysis or Pro II is a plus.
- Proficient in the use of Microsoft Office products such as Word and Excel.
- Excellent communication skills and the ability to work independently as well as part of a team.
- Must possess creative problem-solving skills, strong critical thinking skills and a high attention to detail.
- Professional Engineering license is a plus.

### **Koch Modular offers a comprehensive benefit package that includes:**

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| ▪ Health Insurance Plan                | ▪ Employee Referral Bonus Program         |
| ▪ Flexible Spending Accounts           | ▪ Voluntary Benefit Plans                 |
| ▪ Healthcare Reimbursement Arrangement | ▪ Paid Holidays / Time Off                |
| ▪ Short and Long-term Disability Plans | ▪ Group Life / Accidental Death Insurance |
| ▪ 401(k) Profit Sharing Plan           | ▪ Tuition Assistance Program              |
| ▪ Bonus Program                        | ▪ Business Casual Attire                  |