

Job Description: Lead Process Engineer**Complete job description**

The process engineer is accountable for the engineering design of UOP's gas processing technologies. The engineering design work consists of the use of proprietary models and simulations to develop detailed hydraulic analyses and sizing of major equipment, including vessels and piping.

Accountabilities:

Run process simulation tools for design and alternate cases

Size piping and control valves and perform hydraulics

Develop project specifications including all major equipment

Perform the basic engineering design including Piping & Instrumentation Diagrams (P&ID's) for customer projects

Contribute and participate in customer meetings as assigned and agreed with the Project Manager

Apply current design practices and tools for completion of assigned tasks

Be familiar with the work process and quality policy and apply as appropriate to each project

Document all calculations and work processes in a clear, concise format

Work with equipment vendors on specifications and procurement of equipment

Adapt UOP design standards and procedures to meet project-specific requirements on assigned design tasks

Basic Qualifications:

Bachelor's Degree in Chemical Engineering, or equivalent, is required

Minimum 10 plus years operations and/or design engineering experience in the refining or petrochemical or gas industry are required

Additional Qualifications:

Experience with Gas Plant design highly desired

Strong written, verbal and interpersonal communications skills

Ability to function well within a team based work environment

The ability to complete moderately complex to complex assignments is needed

Capable of applying a broad knowledge of principles, practices and procedures

Ability to independently carry out varied assignments that may require modification of standard procedures

Capable of working under limited to minimal supervision. Technical guidance is available for unusual or more complex problems.



Job Description: Lead Process Engineer

Fluent in both the English and Russian languages

Ability to travel up to 25% annually