

PROJECT ENGINEER III

Division/Department:	Engineering	Reports to:	Director of Engineering		
Job Code:		Job Classification:	Exempt	Updated:	6/12/2018

POSITION SUMMARY

Designs, develops, and tests all aspects of mechanical components, equipment, and machinery. Applies knowledge of engineering principles to design products such as pipeline headers, instruments, controls, machines, etc. Supervises fabrication, operation, application, installation, and/or repair of mechanical products. Has knowledge of commonly-used concepts, practices, and procedures pipeline and terminal operations. Manages projects from conception to completion.

POSITION RESPONSIBILITIES

- Size equipment and develop processes for pipeline, terminal and manufacturing process.
- Responsible for the detailed design covering the areas of a terminal such as product storage, product manufacturing, heat transfer, fluid flow, utilities, etc.
- Responsible for the detailed design covering the areas of a pipeline such as fluid flow, utilities, etc.
- Responsible for modifying P&IDs and PFDs as become necessary in the design features.
- Conduct research to develop new and improved manufacturing processes.
- Design, plan layout, and assist field operations engaged in constructing, controlling and improving equipment.
- Analyze operating procedures and equipment function to reduce processing time and cost.
- Design processes to control movement and storage of materials.
- Design and plans measurement and control systems for plants.
- Determine the most effective arrangement of unit operations exercising judgment to compromise between process requirements, economic evaluation, operator effectiveness and physical and health hazards.
- Review project scope to ensure alignment with project objectives.
- Manage projects to meet scope, schedule and budget.
- Direct activities of contractors who install such equipment as pumps, tanks, heat exchangers, valves, boilers, pipelines, and electrical.
- Apply known principles of engineering to solve problems.
- Use Microsoft Office software and AutoCAD software.
- Travel to jobsite during the project construction phase.

REQUIREMENTS

- A Bachelor's degree (B.S.) in Mechanical or Civil Engineering preferred. Work experience in lieu of degree will be considered.
- 5-7 Years' Experience.
- Experience in design, plan layout, assisting in constructing, controlling, and improving equipment to carry out processes on industrial scale.
- Must be able to travel to project locations as required.

PHYSICAL / MENTAL REQUIREMENTS

- Requires considerable concentration and focus. It is subject to stress caused by a changing environment, diversity in the organization, tight deadlines and workload.
- Normal concentration/intensity, which includes prolonged mental effort.
- Normal memory, taking into consideration the amount and type of information.
- Normal complexity of decision making.
- Normal physical mobility, which includes movement from place to place on the job taking distance and speed into account.
- Normal physical strength to handle routine lifting and transporting of moderately heavy objects, such as computers and peripherals.

WORK ENVIRONMENT

- The duties of this position are typically performed in an office setting with normal ranges of temperature and a moderate to high level of office background noise. The majority of duties are performed while sitting at a desk. Communication typically occurs through face-to-face interaction, as well as via e-mail, telephone and written correspondence. This job also requires the ability to use other office equipment such as copier, fax machine, etc.
- Occasionally travel to meetings throughout the office and at other company office sites and field locations.
- Constantly work in a team environment, effectively and efficiently achieving goals, improving processes and resolving problems.
- Regularly work in excess of 40 hours per work week.

To apply for this position, please click on the following link:

https://rew31.ultipro.com/BLU1001/jobboard/NewCandidateExt.aspx?_JobID=1440