**Project and Process Engineer**

**Summary:**

To evaluate and develop process improvements, set work standards, evaluate operational costs, document operational procedures, determine the most economical process flows and develop and manage process related and capital projects.

**Duties and Responsibilities:**

To perform this job successfully, an individual must be able to perform each essential duty in a satisfactory manner. The requirements listed below are representative of the knowledge, skills and abilities required of this position.

* Identify, evaluate and recommend changes or improvements in operational process, procedures and equipment and provide analysis to support these changes
* Provides guidance for preventative and repair maintenance to ensure plant operations are able to meet output quotas and deadlines
* Conduct and/or supervise operational tests
* Develop budget and capital expenditure plans for operational improvements
* Manage and/or participate in projects to achieve defined objectives and deliverables
* Review and recommend improvements for SOP procedures and review or troubleshoot plant activities in order to resolve all issues and assist other managers in implementing necessary changes
* Design and/or update preventive maintenance programs with maintenance staff
* Develop cost comparisons of alternate processes, parts, equipment or systems within plant operations
* Responsible for daily communication and coordination with contract employees
* Provide support to ensure that plant operations meet environmental and safety protocols in a cost-effective manner
* Ensure compliance to all stated and federal regulations and design appropriate plant maintenance programs to reduce downtime

**Knowledge, Skills and Abilities Required:**

* Ability to design and understand technical plans, blueprints, drawings and models
* Knowledge of the ways various systems interact and how changes in operations, the environment and other conditions will affect outcomes
* Detail oriented, professional attitude, reliable with strong work ethic
* Strong problem solving skills, research and resolution skills, data analysis and multi-tasking skills
* Ability to communicate effectively verbally and in writing
* Proficient in Microsoft Office

**Education and Certification Requirements:**

* Bachelor of Science Degree in Mechanical or Chemical Engineering