



REV DATE: 6/12/18

Job Title: Plant Engineer – Corsicana	Job Grade: P1
Department: Engineering	Report To: Plant Manager

Position Overview:

The Plant Engineer is responsible for the design, or contract for design, of the necessary equipment, instrumentation and software for improved operations in manufacturing to improve production, quality, cost and equipment uptime.

Essential Job Functions:

- Design or specify the necessary equipment to continually improve production operations by additional machine uptime or speed, lower costs, and reliability.
- Diagnose mechanical problems and determine how to correct them, checking blueprints, repair manuals, schematics, parts catalogs, and consultation with suppliers and other knowledgeable outside personnel as necessary.
- Operate such that all efforts reduce repetitive causes and Root Cause is determined and resolved to prevent a repeat of problems.
- Establish and maintain a standard of documentation that allows quick retrieval of machine information and optimizes the repair process.
- Insure that all operations are conducted with complete compliance to all Federal, State and local codes and environmental laws.
- Demonstrate an overriding concern for the safe conduct of all mechanical and electrical repair operations, observing all PPE requirements for every job.
- Manage all projects with a Project Management Method that clearly defines the objectives and organizes the tasks against a schedule timeline.
- Create schematics of existing and new electro-mechanical systems
- Create work instructions for new and existing processes
- Function as a Facilities engineer as needed
- Manage subcontractors in effort to complete necessary improvements

Primary Objectives:

- Improve production operations with the installation or improvement of machines that reduce cost, improve quality, and improve productivity.
- Design and implement projects such that they are achieved on time and under budget while accomplishing the identified goals for Polyguard.
- Operate in a manner that sets a “world class” performance for engineering, design, MRO operations, and legal compliance.

- **Effectively communicate all planned work to the organization and establish the engineering and maintenance function as a benchmark for collaborative work and successful accomplishment within Polyguard.**

Requirements:

- **Must have a BS in Mechanical Engineering or related degree**

Other Skills/Abilities:

- **Strong organizational skills, able to work well under pressure and manage several tasks simultaneously.**
- **Must be detail oriented**
- **Must be able to read and write English and understand instructions and technical information in English.**
- **Demonstrate the ability to read prints and perform layout using engineering math skills and CAD computer skills.**
- **Be able to lift 50 lbs.**
- **Must have good communication skills**
- **Basic knowledge of Microsoft Word, Excel, Outlook**
- **Knowledge of SolidWorks and AutoCAD preferred**

NOTE: This job description is not intended to be all-inclusive. Employee may perform other duties as assigned.

Management Approval:

Date:

HR Approval:

Date:
