



Plant Technician I

Division: POET Biorefining

FLSA Status: Non-Exempt

SUMMARY

The Plant Technician I is responsible for the operation of all plant processing equipment and performing routine maintenance in a highly automated chemical facility. In the area of maintenance, Plant Technicians are responsible for the safe and efficient repair, maintenance and cleaning of all equipment associated with biorefining processes. Team members in this position are required to maintain knowledge of the process flow, computerized equipment and be aware of hazards associated with the process as well as understand and execute standard operating procedures. Continuous plant operation requires 12-hour shift work. Team member must be able to adapt to 12-hour workdays and be able to meet call-in requirements as needed.

ESSENTIAL FUNCTIONS

1. Learn, maintain and operate all processes associated with the plant where required.
2. Responsible for performing repairs and maintenance of plant equipment and documentation of activities.
3. Learn and operate DCS (Distributed Control System) for the plant.
4. Learn and perform basic electrical troubleshooting.
5. Follow procedures for plant start-up, shut-down, cleaning and batching.
6. Maintain accurate and timely logs.
7. Respond to collected data and make adjustments to optimize plant operation. Do quality control tests on product streams and make necessary adjustments.
8. Remove, install, rebuild, lubricate and clean all equipment associated with plant processes.
9. Perform preventative maintenance tasks as directed.
10. Maintain a clean facility and follow the sanitation schedule completing all tasks as assigned.
11. Responsible for notifying management team of safety, environmental, quality and production concerns, problems and opportunities.
12. Foster a culture of safe behavior and environmental compliance at all times.
13. Maintain a team environment at all times and champion POET in the community.
14. Other duties as assigned.

EDUCATION & EXPERIENCE REQUIREMENTS/COMPETENCIES

To perform the essential functions of this position successfully, an individual should be able to demonstrate the following competencies:

- High school diploma or equivalent required.
- Experience in a production environment preferred.
- 2 or more years of experience with fabrication, welding, torching, cutting, gearbox repair, pump alignment, material handling systems, preventative maintenance, instrument and electrical work preferred.
- Experience with software systems, such as Maximo, preferred.
- Working knowledge in math, reading comprehension and mechanical reasoning required.
- Strong troubleshooting and problem solving skills are required.
- Knowledge in Microsoft Office Suite and the ability and willingness to learn new software applications.
- Excellent organizational, time management, and communication skills as well as the ability to adapt to change.

WORK ENVIRONMENT/PHYSICAL REQUIREMENTS

This position is largely self-directed and requires a thorough understanding of company policy, procedures, and values. Team members will be required to adhere to all safety requirements at all times and in all work environments. This position is exposed to work in multiple environments, including plant, laboratory, as well as an office environment. The team member may be exposed to high noise levels, moving mechanical parts, dusty conditions, internal and external temperature/weather conditions, and chemicals.

Reviewed: June 2016

Specific physical requirements may include:

- Occasionally lifting weight up to sixty (60) pounds.
- Climbing several flights of stairs and ladders.
- Opening valves.
- Occasionally bending, twisting and turning while lifting weight of less than fifty (50) pounds.
- Data entry while seated for greater than one (1) hour.
- Walking up to two (2) or more miles per day.
- Pushing brooms, shovels, etc.
- Working at heights, in confined spaces and at temperatures from -20 to +100 degrees.
- Standing for extended periods of time.
- Wearing Personal Protective Equipment (PPE).
- Using hand and power tools.