



Maintenance Technician II

Division: POET Biorefining

FLSA Status: Non-Exempt

SUMMARY

The Maintenance Technician II is responsible for the safe and efficient repair, preventative maintenance and cleaning of all equipment associated with plant processes. Team members in this position will also perform maintenance tasks on all plant equipment. Maintenance Technicians are accountable for communicating any issues with the management team. Continuous plant operation requires 12-hour shift work. Team member must be able to adapt to 12-hour workdays and meet call-in requirements as needed.

ESSENTIAL FUNCTIONS

1. Coordinate work functions with fellow team members and other departments within POET.
2. Learn and maintain boiler and cooling tower systems including water testing and adjusting.
3. Maintain all plant equipment including, but not limited to: centrifuges, pumps, motors, gearboxes, minor electrical systems, PLC's, heat exchangers, compressors, grain handling equipment and fans or blowers.
4. Ability to work on centrifuges (decanters and corn oil).
5. Ability to troubleshoot equipment issues.
6. Perform LOTO functions on the equipment.
7. Responsible for operating, maintenance, and cleaning of the water filtration equipment.
8. Understand the DCS.
9. Discuss any problems or unsafe conditions with the management team.
10. Learn the plant process for a better understanding of how the equipment is utilized.
11. Operate equipment including, but not limited to: telehandler, skid steers, tractors, ATVs, pay loaders and fork lifts.
12. Perform welding, cutting and fabrication on plant and structural equipment.
13. Responsible for concrete work including building forms, pouring and finishing.
14. Understand the basic operation of the biorefining process to better understand how the equipment and controls are utilized.
15. Train new team members in the maintenance department.
16. Clear, concise communication with other departments.
17. Foster a culture of safe behavior and environmental compliance at all times.
18. Maintain a team environment at all times and champion POET in the community.
19. Other duties as assigned.

EDUCATION & EXPERIENCE REQUIREMENTS/COMPETENCIES

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

- High school diploma or equivalent required; secondary education and/or certifications preferred.
- Minimum of 2 years' experience as a Maintenance Technician I along with documented successful performance required.
- Experience with fabrication, welding, cutting; repair of equipment such as pumps, gearboxes, airlocks, fans/blowers, agitator assemblies, and valves; boiler operations and water chemistry; material handling systems such as conveyors; preventative maintenance practices, fabrication and repair of metal/plastic piping systems; and instrument and electrical work preferred.
- Experience with concrete work, hydraulics, pneumatic and fluid processes and ability to read schematic drawings is helpful.
- 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.

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.