



## Environmental Engineer

**Division: POET Biorefining**

**FLSA Status: Exempt**

### SUMMARY

The Environmental Engineer is responsible for designing and overseeing programs that help ensure regulatory compliance for POET-DSM Liberty, with a focus on air permitting and compliance, Risk Management Plans (RMP), and Process Safety Management (PSM). The Environmental Engineer will work under the general guidance of the Lead Plant Engineer and collaborate with Poet Plant Management (PPM) environmental engineers to analyze, troubleshoot, and resolve potential problems with plant operations relating to environmental compliance. The Environmental Engineer must be able to effectively work in a team environment. This position reports directly to the Lead Plant Engineer.

### ESSENTIAL FUNCTIONS

#### Environmental

1. Be the expert on air permits issued to the facility and understand methods to maintain compliance with those permits.
2. Develop environmental SOPs for the facility, primarily related to air permit, RMP, and PSM.
3. Develop, organize and/or oversee the training of applicable personnel on environmental programs and PSM.
4. Lead the permit application process for obtaining permit modifications at the biorefinery.
5. Develop environmental compliance programs, including data collection, testing and reporting requirements for the facility.
6. Remain current with applicable federal, state, and local government requirements and programs and review the plant's programs to assure that the plant is in compliance with all governmental regulations and that all applicable report templates are current.
7. Collect data, maintain records documenting training, and manage filing systems for environmental compliance.
8. Assist PPMN environmental engineers with environmental compliance audits, plant inspections, and other activities as needed throughout the facility.
9. Travel may also be required to attend conferences and/or meetings with local/state/federal regulatory agencies.
10. Other duties as assigned.

#### Leadership

1. Champion regulatory compliance within the facility.
2. Foster a culture of safe behavior and environmental compliance at all times.
3. Maintain a team environment at all times and champion POET in the community.

### EDUCATION & EXPERIENCE REQUIREMENTS/COMPETENCIES

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

- Bachelors degree or greater in Environmental, Civil, or Chemical Engineering is required.
- 5 years' experience in environmental permitting and/or compliance is required, preference is given to experience focused on air permitting which includes PSD air permits.
- Successful completion of the Fundamentals of Engineering examination preferred.
- Familiar or experienced with DCS control and DCS historian systems is beneficial.
- 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.

Overnight travel is anticipated to be minimal.

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.
- Sitting for approximately 90% of the time while working on a personal computer.