



<b>Job Title:</b>	Plant Engineer	<b>Job Category:</b>	
<b>Department/Group:</b>	Plant Operation	<b>Salary Range:</b>	
<b>Location:</b>	Sauget, IL	<b>Travel Required:</b>	
<b>Grade/Level:</b>		<b>Position Type:</b>	Full Time
<b>Classification</b>	Exempt	<b>Reports To</b>	Plant Manager

### Summary

Responsible for achieving plant production goals through capital improvement projects, control system optimization, and personnel training. Position is scheduled Monday through Friday but must be flexible and willing to assist in times of process upsets to ensure maximum production quantity and quality, while supporting the policies, goals, and objectives of the company.

### Essential Job Functions

Monitors and optimizes plant operations.

- Constantly reviews the operation of the plant to monitor production and quality, anticipating and solving problems in a timely manner, and identifying opportunities for improvement.
- Identify plant bottlenecks and reliability issues, and works with affected departments to generate and implement solutions.
- Assist in the design, budgeting, implementation, commissioning and startup of capital improvement projects
- Optimize plant control system through programming of interlocks, calculators, and instrumentation.
- Assist in training of personnel on new processes as they are implemented throughout the plant.
- Develop and update plant Standard Operating Procedures as required.
- Participates in Quality Assurance/Quality Control program.
  - Communicates directly with QA/QC laboratory to ensure effective participation in the implementation and research of new and current plant processes.
  - Samples and tests process streams as required by the QA program and procedures.
  - Understands and interprets QA/QC results and takes appropriate action when required.
- Participates in plant maintenance program.
  - Assist maintenance in troubleshooting instrumentation issues on the plant's DCS and adding additional programming for new systems
  - Assists maintenance technicians in performing maintenance and repairs.
  - Assists with diagnosing and troubleshooting maintenance related issues.
- Participates in safety, health and environmental programs.
  - Assist in the development, implementation, and auditing of environmental and safety procedures
  - Determine safety, health, and environmental considerations for new and current processes in the plant



<b>Qualifications</b>			
<ul style="list-style-type: none"> <li>• High school diploma or equivalent required</li> <li>• Postsecondary education, chemical engineering degree is an asset.</li> <li>• Experience in the operation of grain handling, plant logistics and or dry-mill ethanol plant preferred</li> </ul>			
<b>Skills and Abilities</b>			
<ul style="list-style-type: none"> <li>• Must have the ability to learn and work effectively with the plant’s Distributed Control System (DCS).</li> <li>• Good written and verbal communication skills</li> <li>• Ability to interact professionally and effectively</li> <li>• Strong analytical and mechanical abilities and problem-solving skills</li> </ul>			
<b>Physical Requirements</b>			
<ul style="list-style-type: none"> <li>• This position is largely self-directed and requires understanding of company policy, procedures, and values.</li> <li>• Must be able to manage confined space entry, climb ladders and steps and work at elevations of 175 feet. and lift a minimum of 50 lbs.</li> <li>• Must be able to adapt to outside work environments which could include cold, heat, wind, rain, snow and slippery surfaces</li> <li>• The employee is regularly exposed to dusty conditions</li> <li>• Individual will be exposed to high noise levels at times</li> <li>• The employee will regularly be exposed to chemicals used in the process.</li> <li>• While performing the duties of this job, the employee is regularly exposed to work near moving mechanical parts</li> </ul> <p style="margin-top: 20px;">This job description is intended to describe the general nature and level of work performed. It does not include all responsibilities and skills required of the job and may be changed at any time. All responsibilities must be completed in compliance with all safety protocols, policies, procedures and consistent with the spirit and philosophy of the company</p>			
Reviewed By:		Date:	
Approved By:		Date:	
Last Updated By:		Date:	

