Job Title:	Process Engineer	Reports to:	Engineering Manager
Department:	Engineering	Supervises:	n/a
Location:	New London, MN	Exempt/Non-Exempt:	Exempt
% Travel Required:	Up to 25%	Full-time/Part-time:	Full-time

Job Description

Overview: Process Engineers are responsible for leading all engineering efforts (process, structural, mechanical, etc.) for the projects and tasks they are assigned to. Process Engineers work closely with the project management and design teams to advance their projects through design phases and commissioning.

Key Responsibilities:
- P&IDs
- Creation of Excel based mass and energy balances
- General arrangement design including estimating equipment weights and dimensions
- Process Descriptions
- Valves, pumps, fans, heat exchangers, and burner specifications
- DSI equipment mechanical design and creation of equipment technical drawings
- Review the work of other engineers as needed
- Assist in equipment start-up activities which included troubleshooting
- Perform equipment and process audits in existing facilities and provide recommendations

Preferred Skills & Capabilities:
- Knowledge of thermodynamics, fluid dynamics, and basic mechanical and structural concepts
- Capable of performing calculations to fulfill responsibilities
- Proficient in Microsoft Excel
- 2D CAD (AutoCAD) skills and basic 3D (SolidWorks) skills
- Understanding of food equipment and sanitation practices
- Strong organizational and interpersonal skills
- Detail oriented, self-motivated, and hard working

Requirements:
- Bachelor of Science in Mechanical, Civil, or Chemical Engineering or similar industry work experience
- Ability to organize and tackle a large, complex tasks
- Willing to continuously learn and improve
- Eligible to work in the USA

Last Updated: 5/3/2021

This job description is only a characterization of the duties and not a full list. Other duties may be assigned by supervisor. I have read and understand the responsibilities & expectations of my role.

_____   _____

Employee Signature   Date

_____   _____

Supervisor Signature   Date