

Job Title:	Engineering Intern	Reports to:	VP of Engineering
Department:	Engineering	Supervises:	n/a
Location:	New London, MN	Exempt/Non-Exempt:	Non-Exempt
% Travel Required:	25%	Full-time/Part-time:	Summer Internship
Job Description			
<p>Role Overview:</p> <p>The Engineering Intern works with controls engineers and process engineers throughout the summer. This role will include assisting engineers in field commissioning equipment, standardizing engineering procedures, and testing, analyzing, and reporting on newly implemented R&D equipment.</p> <p>Responsibilities:</p> <p><i>Assist Field Commissioning Activities</i></p> <ul style="list-style-type: none"> • Field I/O set-up, testing, and troubleshooting • Process & equipment verification and troubleshooting running water (AKA water runs) • Operator Training • Process & equipment verification and troubleshooting running product <p><i>Assist in Department Standardization</i></p> <ul style="list-style-type: none"> • Researching common company practices • Creating standards • Documenting and communicating standards <p><i>Assist with Equipment R&D</i></p> <ul style="list-style-type: none"> • Design the testing for newly installed R&D equipment • Collect run data on newly implemented R&D equipment • Analyze actual measured data vs. theoretical (predicted) data • Create a report that includes analysis, issues, recommended design modifications <p><i>Assist engineering team members with their work as needed</i></p> <p>Requirements:</p> <ul style="list-style-type: none"> • Self-Motivated and detail oriented with the ability to thrive in a team environment • A solid understanding of both fluid dynamics and thermodynamics • Proficient in Microsoft Excel • 2D CAD (AutoCAD) skills and basic 3D (SolidWorks) skills <p>Preferred Experience/Certifications/Education:</p> <ul style="list-style-type: none"> • 3rd or 4th year student in a Bachelor of Science in Mechanical or Chemical Engineering Program. 			



The job description above 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