



Chemical Engineer

ABOUT THE ROLE

The Chemical Engineer will create world class designs for new projects, as well as alterations and redevelopments on a variety of ongoing projects for Livestock Water Recycling. This role is primarily responsible for the optimization of LWR Manure Treatment Systems. The role involves a demonstration and feasibility research into possible improvements of the process. This position will report to the Vice President of Engineering.

RESPONSIBILITIES

ENGINEERING AND DESIGN

- Lead design of projects from the conceptual phase through design completion for project needs and requirements from clients.
- Manage all internal lab activities
- Perform chemical testing on samples for potential sites as well as improvement of chemistry at current sites.
- Review equipment vendor drawings; some data interface with suppliers, clients, other engineering disciplines, detailers, designers.
- Participate in development of project schedules and scope
- Apply knowledge of commonly used process concepts, practices, codes and procedures within the process engineering services industry.
- Apply knowledge and experience to complex projects and finds non-standard design solutions.
- Build effective relationships with existing clients, customers and contractors and develop new business opportunities.
- Responsible for ensuring customer satisfaction goals and expectations are met.
- Participate in sales and marketing efforts and identify key pursuits.
- Participate in the development of cost proposals and qualification statements to achieve stated targets and standards
- Contribute to customer manuals and equipment documentation as required.
- Prepare/revise testing procedures for use by others.
- Perform or participate in shop testing of systems.
- Provide leadership, guidance to the process engineering.
- All other duties as assigned. Champion and adhere to the LWR brand guidelines
- Partner with marketing team to deliver the graphic identity of our campaigns
- Participate in brainstorming and other idea-generating team sessions

RESEARCH AND DEVELOPMENT

- Create R&D project scope, design, budget, and workflow
- Approve spending on all R&D components to ensure adherence to budget.
- Complete funding applications as required and manage the requirements such that all objectives of the program are fulfilled.

SUPERVISORY REQUIREMENTS

- Chemist intern and subcontractors as required for project work
- Outsourced labs
- Project work with universities





QUALIFICATIONS

EDUCATION

- Bachelor of Science in Chemical Engineering or related degree from an ABET-accredited program.
- Or Bachelor of Science in Chemical or related Engineering Technology from an ABET-accredited program and successful completion of Fundamentals of Engineering (FE) exam
- P.Eng. licensing is preferred

EXPERIENCE

- 3+ years of engineering experience
- Strong computer skills (e.g., Microsoft Office Suite)
- Excellent written and verbal communication skills
- Ability to lead execution of work and resolve issues in a team environment.
- Demonstrated critical thinking skills, ability to work methodically and analytically in a quantitative problem-solving environment
- Strong attention to detail, facilitation, team building, collaboration, organization and problem-solving skills
- Ability to travel. Valid passport is necessary.

SCHEDULE AND WORK ENVIRONMENT

- 40 hours a week, with travel to project sites may be required
- Travel requirements will vary based on projects. On average position will require 10-20% travel
- Combination of standing, sitting, and walking
- Possible exposure to cold or hot temperatures while on project sites

TO APPLY

Email your resume and cover letter to careers@livestockwaterrecycling.com

- The subject line of the email should include the name of the position you are applying for
- Please use the following naming format on the files you submit:
Resume_First Name Last Name.pdf
Cover Letter_First Name Last Name.pdf

Initial communication for selected applicants will be done by email, so please ensure you monitor your junk mail. We appreciate your interest in our company, but only those selected will be contacted.

Thank you for considering LWR!

