

# Engineer



## Job Summary

Hydro Engineering, located 40 miles southwest of Minneapolis, is a manufacturer of large agricultural and water transfer equipment. We are searching for a talented, mid-level Engineer to add to our current, exceptional team. Since we are a small company, a potential candidate will work with all areas of engineering, i.e. design/development, testing, quality analysis and manufacturing.

This position provides a rare opportunity to work with, and be mentored by Hydro's CEO, a proven and successful business leader. This opportunity also allows working in other areas of business outside of engineering.

## Responsibilities

- Design custom equipment according to customer's needs
- Develop innovative new products and equipment
- Troubleshoot issues in manufacturing, products in the field and internally
- Create complete engineering build drawings for all designs
- Assist with Product Management, Sourcing, Purchasing and other areas outside of Engineering
- Research competitor's products in the industry
- Work directly with customers to develop products based, address issues and learn the pumping process

## Qualifications

- BS in Agriculture or Mechanical Engineering
- Proficient in SolidWorks or other 3D CAD
- Familiar with Ag or other types of heavy equipment
- Ability to perform statics and machine design calculations
- Understanding of fluid and thermal dynamics
- Understanding of development process, concept, calculations, design, testing and manufacturing
- Desire to expand knowledge and take on new responsibilities
- Ability to create full engineering build drawings

To be considered for an interview, please submit your resume to [donnayc@hydro-eng.com](mailto:donnayc@hydro-eng.com)