



Simmons Equipment Company
PO Box 719
Pounding Mill, VA 24637
276.991.3345 office
276.226.2396 fax
www.simmonsequip.com

Hydraulic Engineer

A hydraulics engineer is a professional who specializes in designing, developing, and maintaining hydraulic systems. They work with a variety of components such as pumps, valves, motors, cylinders, and filters to create systems that operate Simmons machinery, and equipment.

Responsibilities:

- Designing hydraulic systems that meet specific requirements.
- Conducting research to improve existing hydraulic systems.
- Selecting appropriate components such as pumps, valves, and motors.
- Testing hydraulic systems to ensure they are safe, efficient, and effective.
- Troubleshooting hydraulic system problems.
- Maintaining and repairing hydraulic systems.
- Collaborating with other engineers to ensure project success.
- Providing technical support to clients and colleagues.
- Staying up to date with new hydraulic technology and industry trends.
- Investigating the feasibility, efficiency, and safety of using hydraulic power in various applications.
- Analyzing fluid flow, pressure and velocity in hydraulic systems and identifying potential problems and solutions.
- Any other job assigned by Supervisor.

Requirements:

- Bachelor's degree in hydraulic engineering or a related field.
- Master's degree in mechanical engineering or a related field (preferred).

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- Professional Engineering (PE) license (preferred).
- Relevant work experience in hydraulic system design and development.
- Strong knowledge of fluid mechanics, physics, and mathematics.
- Ability to design and develop hydraulic systems.
- Knowledge of hydraulic components such as pumps, valves, motors, and cylinders.
- Proficiency in computer-aided design (CAD) software.
- Strong problem-solving and analytical skills.
- Excellent communication and interpersonal skills.
- Ability to work well in a team environment.
- Attention to detail.
- Time management skills.

Benefits:

- Health Insurance (Medical, Dental, Vision)
- Paid Time Off (Vacation, Sick, Holidays)
- Life Insurance
- Disability Insurance

Simmons Equipment Company is an Equal Opportunity and Affirmative Action Employer. Simmons is committed to ensuring equal employment opportunities for all job applicants and employees. Employment decisions are based upon job related reasons regardless of race, ethnicity, color, religion, sex, sexual orientation, age, national origin, disability, gender identity, genetic information, veteran status, or any other status protected by law.

Please visit simmonsequip.com to download an application or submit your resume. You may also pick up an application at 2175 Fincastle Turnpike Tazewell, VA.

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