

Patterson Pump Co

MENG - Engineer 2B

Department: Engineering

FLSA Status: Exempt

Grade/Level:

Job Type: Regular

Work Schedule:

Weekdays M-F 8:00 am to 4:30 pm Additional hours as required.

Job Status: Full Time

Reports To: VP Morrison Sales

Amount of Travel Required:

Positions Supervised: None

POSITION SUMMARY

The Engineer shall be responsible for production of technical drawings and support in machinery design. The responsibilities includes the review of project drawings, project specifications, creation and management of Submittal Drawings, assist in design development and execute corresponding model study using simulation software (Solid Works).

ESSENTIAL FUNCTIONS

Reasonable Accommodations Statement

To accomplish this job successfully, an individual must be able to perform, with or without reasonable accommodation, each essential function satisfactorily. Reasonable accommodations may be made to help enable qualified individuals with disabilities to perform the essential functions.

Essential Functions Statement(s)

- Engineering, sales and design support.
- New project business development.
- Write technical documents related to equipment installation, operation, customer responses and other project related communications.
- Selection of equipment and componentry for successful product application.
- Perform any duties as required by management.
- Act in accordance with Patterson's Company policies (ex. Harassment, Equal Employment Opportunity, Ethics, etc.).
- Comply with established safety policies and procedures. Wear required Personal Protective Equipment as directed. Use appropriate tools designed for their specific job tasks. Provide feedback related to hazard assessments and/or accident investigations.

POSITION QUALIFICATIONS

Competency Statement(s)

- Business Acumen – Ability to grasp and understand business concepts and issues.
- Competitiveness – Willingness to strive to get ahead or to finish projects.
- Ethical – Ability to demonstrate conduct conforming to a set of values and accepted standards.
- Goal Oriented – Ability to focus on a goal and obtain a pre-determined result.
- Self-Motivated – Ability to be internally inspired to perform a task to the best of one’s ability using his or her own drive or initiative.
- Communication – Excellent verbal and written communication skills.
- Detailed Oriented – Ability to pay attention to the minute details of a project or task.
- Accountability – Ability to accept responsibility and account for his/her actions.
- Analytical Skills – Ability to use thinking and reasoning to solve a problem.
- Initiative – Ability to make decisions or take actions to solve a problem or reach a goal.
- Problem Solving – Ability to find a solution for or to deal proactively with work-related problems.

SKILLS & ABILITIES

Education: Bachelor of Science in Engineering; Required.

Experience: 3-5 plus years of related experience required.

Computer Skills MicroSoft Office, Adobe Suite, AutoCAD, Solid Works.

Certifications & Licenses:

Other Preferences: Knowledge of Rotodynamic Equipment, Power Transmission, Rotodynamic Vibration, and Fluid Systems. Bilingual (English/Spanish). Proficiency in technical writing in English

PHYSICAL DEMANDS

N (Not Applicable)	Activity is not applicable to this position.
O (Occasionally)	Position requires this activity up to 33% of the time (0 - 2.5+ hrs/day)
F (Frequently)	Position requires this activity from 33% - 66% of the time (2.5 - 5.5+ hrs/day)
C (Constantly)	Position requires this activity more than 66% of the time (5.5+ hrs/day)

Physical Demands

Stand	F
Walk	O
Sit	F
Manually Manipulate	O
Reach Outward	O
Reach Above Shoulder	O
Climb	O
Crawl	N
Squat or Kneel	O
Bend	O
Grasp	O
Speak	F

Lift/Carry

10 lbs or less	O
11-20 lbs	O
21-50 lbs	O
51-100 lbs	N
Over 100 lbs	N

Push/Pull

12 lbs or less	O
13-25 lbs	O
26-40 lbs	O
41-100 lbs	N

Other Physical Requirements

- Vision (Near, Distance, Color, Peripheral, Depth)
- Sense of Sound - Normal
- Sense of Touch
- Ability to wear Personal Protective Equipment (PPE) - Hearing and Eye
- Sense of Balance

WORK ENVIRONMENT

Office and shop environment, including manufacturing machinery and temporary or permanent test stands having structures or equipment that must be worked around.

The company has reviewed this job description to ensure that essential functions and basic duties have been included. It is intended to provide guidelines for job expectations and the employee's ability to perform the position described. It is not intended to be construed as an exhaustive list of all functions, responsibilities, skills and abilities. Additional functions and requirements may be assigned by supervisors as deemed appropriate. This document does not represent a contract of employment, and the company reserves the right to change this job description and/or assign tasks for the employee to perform, as the company may deem appropriate.