

Mechanical Engineer Posting

As a Mechanical Design Engineer specializing in machinery design, you will be responsible for creating, developing, and optimizing mechanical systems and components for various industrial applications. You will collaborate with cross-functional teams, including other engineers, project managers, and clients, to ensure the successful design and implementation of machinery solutions.

Required:

- BS, Mechanical Engineering, or equivalent work history.
- 5+ years' experience with machinery design is a **must**.
- Experience working in a high-volume manufacturing environment.
- Autodesk.
- SolidWorks.
- Microsoft Office Suite.

Job Details:

- Plans, designs, and implements new or modified machinery utilizing 3D CAD software.
- Designs products and systems to interface with machines, hardware, and software.
- Calculate and specify numerous mechanical components (Motor HP, gear ratios, torque, loads, hardware sizes etc.).
- Work closely with cross-functional teams, including electrical engineers, manufacturing teams, and project managers.
- Communicate design concepts and requirements effectively to team members and clients.
- Maintain accurate records of design changes and updates.
- Provides technical guidance on and coordinates or directs fabrication, testing and installation of products, machinery, components, and systems.
- Project management: coordinate and communicate timelines, expectations, and results to involved parties with proper documentation and reporting.
- Conceives and plans projects involving product/process problems and develops new and improved approaches to the design/development of product/processes.
- Plans and develops methods and procedures for testing products and equipment using a qualification process.
- Knowledge of Factory Acceptance Testing (FAT) and Site Acceptance Testing (SAT)
- Extensive data analysis/collection skills and root cause analysis experience
- Conducts cross-departmental training for all product/process changes.
- Coordinates or directs engineering or manufacturing personnel in fabrication of test control apparatus.
- Ability to work hands on with industry tools, modify mechanical JIG.
- Understand, maintain, and perform work according to quality, health, safety, and environmental standards. .
- Lean Manufacturing experience a plus
- Perform other duties as assigned.

