

Roger Fisher

Address • Phone • Email

MECHANICAL ENGINEER

Dedicated Mechanical Engineer possessing over 19 years of hands-on experience. Utilizes equipment maintenance expertise to provide smooth and effective operation of enterprises, ensuring continuous production of goods. Versed in equipment installation projects management, as well as product flow optimization and new workstations development. Experienced in customer relations and able to maintain effective working relationships with staff and management. Excels in root cause analysis of mechanical and electrical failures.

AREAS OF COMPETENCE

- Mechanical devices testing
- Equipment maintenance and operation
- Customer and vendor relations
- Equipment assignments rotation
- Product flow optimization
- Excellent communication skills
- Technical plans evaluation
- Root cause analysis of mechanical and electrical failures

PROFESSIONAL EXPERIENCE

Company name

2014 – Present

Mechanical Engineer

- Responsible for the maintenance and operation of all plant and terminal equipment, identifying and proffering solution to equipment problems that militates against optimal production process.
- Improved equipment reliability by 40% by implementing a computerized maintenance management system (CMMS).
- Provide timely and lasting solution to equipment breakdown by conducting root cause analysis of mechanical and electrical failure.
- Perform project turnover and closeout activities.
- Manage a project for installation of pumps, compressors, storage tank construction as well as modification of the pressure vessel.

Company name

2005 – 2014

Mechanical Engineer

- Collaborated with team members and production staff to develop new workstations, fixtures, and manufacturing processes for non-conductive Entertainment Panels.
- Modified existing products to optimize product flow by reducing welding operations and the need for purchased fasteners.
- Ensured fit, form and function for outgoing products while meeting customer specifications with short turnaround times.
- Designed a new PDU sheet metal housing for faster assembly, reducing component cost and assembly time by 20%.

Company name

1999 – 2005

Mechanical Engineer I

- Generated 3D models, drawings, artwork drawings and associated documentation for PDU's and surge products.
- Created, maintained and organized engineering procedure documents.
- Performed failure analysis on uninterruptable power supply units and reported to quality engineering.
- Provided environmental impact assessments to customers to ensure they were meeting regulations.

Company name

1997 – 1999

Mechanical Engineer

- Collaborated with mechanical packaging-designers and electrical engineers to define projects.
- Created 2D and 3D mechanical drawings of projects with Solidworks and AutoCAD.

EDUCATION

MS in Mechanical Engineering, University; Villanova, PA, 1997.