



**Title:**

Mechanical Designer

**Reports to:**

Plant Engineering Manager

**Job Purpose:**

***Provide new reliability designs and documentation from concept to construction by collaborating with internal customers on concepts, prototypes, fabrication, production, and support***

**Key Responsibilities and Accountabilities:**

- Prepare construction-ready working plans and detail drawings from verbal concepts or rough sketches by team members
- Create GMP designs with an emphasis on operability, maintainability, and uptime
- Create construction-ready design packages using CAD design software
- Use internal feedback and data to upgrade, improve, or repair the company's existing machines
- Revise and update changes to drawings based on sketches, notes, drawings, and verbal instruction
- Lead document control and versioning activities to ensure project/company documentation is properly processed, tracked, and controlled
- Support the development of technical documentation (including, but not limited to designs, testing, calculations, reports, standards, etc.)
- Assist with the development of procedures
- Participate in design reviews and drawing updates from initial design through final as-built drawings
- Work with vendors, contractors, and consulting engineers with drawing development
- Check contractor-prepared and vendor-prepared drawings for design intent and accuracy prior to fabrication and construction
- Handle flexible workload which may come from management or other operations
- Promote personal and company image throughout the community
- Travel domestically up to 5% (2-3 weeks)

**Requirements:**

- Associates degree in design drafting and 3+ years' experience in engineering role OR 5+ years in a mechanical design role
- Extensive 2D and 3D CAD knowledge
- Proficiency with Microsoft Office products