



Title: Mechanical Designer

Reports to: Reliability Manager

Job Purpose:

Produces detailed mechanical/equipment/utility drawings and 3D models per corporate standards for projects and reliability modifications, with attention to hygienic design.

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/update 2D/3D CAD models, fabrication drawings, and as-builts
- Maintain drawing standards, title blocks, layer conventions, and vault
- Incorporate redlines from field changes; coordinate with vendors/fabricators
- Generate BOMs and support hygienic mechanical design details
- Support the development of technical documentation (including, but not limited to designs, testing, calculations, reports, standards, etc.)
- Participate in design reviews and drawing updates from initial design through final as-built drawings
- Check contractor-prepared and vendor-prepared drawings for design intent and accuracy prior to fabrication and construction
- Travel as necessary to support on-going projects, minimum of 5%
- Promote personal and company image throughout the community

Requirements:

- Associate's 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