



Job Posting

Position:

Full-time Mechanical Engineer

PET Systems (PTS) is currently recruiting for a full-time Mechanical Engineer to join our team. We are seeking a candidate who is motivated, well organized, collaborative, and eager to learn mechanical system design and programming.

Company Overview:

PTS is a multi-discipline engineering firm well established in the Food & Beverage and Bulk Material Handling (Industrial) Industries. We are a close-knit group of like-minded engineers and designers who value our unique culture where everyone “rows the boat.” We keep overhead low and focus on small, tactical teams of engineers solving problems for our clients while completing all sizes of projects. We are an employee-owned company who can offer a path to ownership for outstanding contributors. PTS prides itself for being on the cutting edge of design technology using the latest software and design techniques to become more efficient and accurate. Our quality and flexibility have elevated us with our ever-growing existing customers. This has generated strong repeat business and an expanding customer base which has afforded our continued growth.

Requirements / Responsibilities:

- Must be willing and able to travel as necessary for project requirements.
- Efficiently manage all facets of a project from initial project quotation through final project closing.
- Drive positive customer satisfaction related to project work performed by he/her as a representative of PET Systems.
- Meet targets associated with assigned projects including budgeted billable hours, project expenses, resource utilization, timelines, etc.
- Participate in driving best business practices in order to improve overall company performance and profitability.
- Process oversight to ensure that company guidelines are adhered to during all phases of his/her project.
- Participate and lead project teams coordinating with multiple disciplines internal and external to PTS.
- Must maintain professional competence, ethical integrity, knowledge, and skills.
- Handle sensitive and proprietary information in a confidential manner.
- Ability to work independently within parameters set by management. Assignments may be self-initiated. Determines and pursues courses of action necessary to obtain desired results.
- Excellent verbal and written communication skills. Strong presentation skills. Leads group discussions.
- Ability to coordinate multiple projects in multiple stages of design, installation, and startup.
- Working directly with contractors, equipment vendors, and customers to assure quality of installation and successful start-up and operation.
- Equally comfortable crossing between systems design in the office and hands-on troubleshooting/systems start up in the field



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Skills / Qualifications: The below skills are examples of what a Mechanical Engineer should expect to learn and perform at PTS. It is not an expectation that the candidate currently possesses these skills. The only requirement is an eagerness to learn.

- Mechanical Engineers will exhibit in-depth knowledge of plant infrastructure and process systems and demonstrate the ability to work independently as well as within a project team role to meet and/or exceed expectations related to his roles and responsibilities.
- Mechanical Engineers will create Detailed Layout, Process Flow diagrams, Piping and Instrumentation Diagrams and BOM development related to Preliminary and Detailed Design of Mechanical Systems
- Mechanical Engineers shall perform hydraulic system analysis, pump selection.
- Mechanical Engineers shall generate water/mass/utility balances
- Mechanical Engineers shall produce Scope of Work and installation Bid Documentation
- Mechanical Engineers shall develop "Request for Proposal" documents for procurement of Industrial/Utility/Process Equipment
- Mechanical Engineers shall develop Controls Narratives and Maintenance Manuals for Utility and Process Systems
- Mechanical Engineers shall participate in Support System Start-ups and Optimization
- Mechanical Engineers shall generate Project Budgets and Schedules
- Mechanical Engineers shall participate in Project and/or Construction Management
- Mechanical Engineers shall participate in Existing Facility Audits
- Mechanical Engineers should have experience with Pumping Systems, Compressed Air Systems, Water Treatment Systems, Refrigeration Systems, Process Tower Water Systems and Conceptual Structural Design
- Mechanical Engineers shall be proficient in 2D/3D AutoCAD to the level where drawings can be created, manipulated, printed, interpreted, and measurements taken to effectively provide/communicate guidance to contractors.

Education:

Bachelor's degree in Mechanical or Process Engineering preferred. Other related degrees or experience will be considered.

Resume Submittal:

All resumes should be submitted to careers@petsystems.com with the subject line: "Mechanical Engineer"