



POSITION DESCRIPTION

Position Title: PROJECT ENGINEER - HUDSON
Department: MPC ENGINEERING
Reports To: MANUFACTURING ENGINEERING MGR
Date Created: 1/16/2009
Minor Revisions Date: 12/19/2016

POSITION SUMMARY:

Project leader for design, development and manufacturability of custom and standard Contract Manufacturing Business Opportunities.

Primary Responsibilities:

The Project Engineer is responsible for designing and developing solutions that meet the customer's expectations, meet Preco expectations and are within budget. The Project Engineer has a leadership role in coordinating teams that design, develop, manufacture, test and install manufacturing processes that meet or exceed specifications.

Specific tasks include:

- Evaluate a customer's application.
- Participate in team selling activities.
- Directs, coordinates and/or performs activities of the design team for total design from inception through design, assembly, testing and release to manufacturing.
- Performs design calculations, researches design alternatives and performs cost analysis to meet or exceed expected cost and performance targets.
- Manages the proper documentation of the design project including layouts/process flowcharts, bill of materials, detail drawings, ECR's, release to manufacturing, etc.
- Works closely with manufacturing and purchasing to assure the design is manufacturable.
- Tests and analyzes prototype components.
- Provides technical assistance during debug and installation.
- Directs and coordinates the activities of design and tooling development as assigned.
- Special assignments as required.
- Works closely with the Project/Engineering Manager to communicate the status of the project.
- Occasionally manages projects.

The Project Engineer is responsible for the financial performance of each project. The Project Engineer is also responsible for keeping projects on schedule, making every effort to ensure on-time delivery. In addition, the Project Engineer is expected to stay abreast of all relevant process and technology developments within the company and in the appropriate industrial sectors.

HIRING QUALIFICATIONS:

- Four year engineering degree and a minimum of two years project engineering experience.
- Minimum of ten years project engineering experience in lieu of degree. Experience related to machine tools and manufacturing processes is essential.
- Demonstrated experience with effective customer communications relating to business, technical, and logistic matters.
- Experience with leading multi-disciplinary teams whose members are provided from a matrix-type organization.

"The above statements are intended to describe the general nature and level of work being performed by people holding this position. They are not intended to be an exhaustive list or to thwart an employee's ability to cooperate with other departments and be flexible in meeting customers needs."



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- Experience with all phases of IQ, OQ, PQ required.
- Demonstrated ability to deliver processes that meets the customer's expectations and is within budget.
- Interested in working on custom or "one of" processes.
- Demonstrated technical or process experience in at least two of the following areas:
 - materials handling components such as dial tables, feeder bowls, pick-and-place mechanisms, and robots.
 - automated material processing systems.
 - automated web and/or sheet converting systems for materials such as paper, plastic, fabric, and composite films.
 - process knowledge relating to processing medical, composite, or non-metallic materials.
 - industrial controls and/or software experience that use personal computers (PC) or programmable logic controllers (PLC).
 - tooling and fixture design for locating individual parts.
- Knowledge of SolidWorks, Word, and Excel.

PHYSICAL DEMANDS:

- Extensive direct and phone communications with customers, component suppliers, company personnel, and contract personnel.
- Travel to customer facilities for sales, installation, and service related activities.
- Extended hours of sitting and viewing a computer screen.
- Extended hours of standing or working in a shop environment.

All Preco, Inc. – Employees are empowered to stop production and notify their supervisor/manager if an unsafe act or product quality concern is occurring. Also, each member of the Preco team is responsible for identifying continuous improvement opportunities and participating in problem solving teams as necessary.