



Position Purpose:

Schedule, plan, resource, and manage all technical activities aimed at assuring project accuracy and quality from conception to completion.

Principal Duties and Responsibilities:

1. Generate engineered work scope and labor/material estimate through coordination with sales department and customer interaction.
2. Generate repair solutions, value-added improvements, and new design concepts on existing heavy manufacturing equipment.
3. Generate repair/new component prints, work flow documents, and assembly prints as required for assigned projects
4. Generate and maintain project schedules and coordinate resources accordingly.
5. Interact daily with purchasing, sales, and production teams.
6. Report regularly on project status

Education and Training, or Experience equivalent:

- Four year BS Engineering degree or a combination of equivalent education and experience

Skills and Abilities:

- AutoCAD and/or Solidworks Software
- Generate new and markup/modify existing prints to coincide with the routing of the parts through the manufacturing facility.
- Apply knowledge of engineering principles to mechanical systems.
- Strong mechanical aptitude and problem solving skills required.
- Develop, coordinate, and monitor all aspects of production, including selection of manufacturing /repair methods, fabrication, and operation of product designs.
- Estimate costs and submit bids for engineering solutions.
- Oversee installation, operation, maintenance, and repair to ensure that machines and equipment are installed and functioning according to specifications.
- Recommend design modifications to eliminate machine or system malfunctions.
- Ability to analyze customer design proposals, specifications, manuals, and other data to evaluate the feasibility, cost, and maintenance requirements of designs or applications.
 - Ability to run multiple projects of varying degrees of difficulty and duration at one time.
- Ability to work independently but also coordinate effectively as part of a team.
- Ability to work in a fast-paced environment while remaining flexible/adaptable to rapidly changing priorities
- Ability to manage, plan, and coordinate activities of projects to ensure that goals or objectives of projects are accomplished within prescribed time frame and cost parameters.

Resource responsibility: None

Reporting relationship: Engineering Manager

Travel: 15%

Working conditions: Office Environment and Manufacturing Facility.