



Job Title:	Project Engineer	Department / Group:	Engineering
Shift:	1st	Travel Required:	None
Level/Salary Range:	Negotiable	Position Type:	Full-Time

Job Description

Job Purpose:

Supports company operations by operating to quality standards for manufacturing processes, materials, and products.

Job Duties (Including but not limited to):

- Offline program a variety of machines including, but not limited to, Amada Turret, Amada Lasers, Amada Brake Press, Vertical CNC and CNC Lathes.
- Program and maintain current file revision of all client parts.
- Interpret engineering blueprints and offline program.
- Apply machine tooling selections to manufacture parts in the most cost-effective manner
- Design or request procurement of tools necessary.
- Prepare detailed standardized work instructions and set-up sheets.
- Utilize software to continuously improve the run time and programming time.
- Other duties as assigned.

Skills/Qualifications:

- Attention to detail.
- Strong computer and metal manufacturing skills.
- Able to demonstrate good manufacturing practices and be able to select tooling and machining resources for manufacture of parts
- Critical thinking – Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches of problems.
- Design – knowledge of design techniques, tools and principals involved in production interpretation of precision technical plans, blueprints, drawings, and models, specifically for sheet metal fabrication.
- Production and Processing – Knowledge of raw materials used in sheet metal fabrication, production processes, bend deductions, turret punch press tooling, quality control, costs, and other techniques for maximizing the effective manufacture of goods.
- Time management – Ability to organize tasks in order of importance and use time most effectively in order to complete all work in a timely manner.
- Stress tolerance – Job requires dealing calmly and effectively with high stress situations.
- Dependability – job requires being reliable, responsible, and dependable, and thoroughly completing all tasks.
- Persistence – Job requires persistence in the face of obstacles.



- Engineering – Engineering experience / background with strong mechanical aptitude is helpful
- Minimum of 3 years working with programming in a metal fabrication environment
- Knowledgeable on various precisions CNC machinery and principles, fabrication and machining practices, the properties of materials, and the application of mathematics and dimensions of production machinery and tooling (including Brake Presses)
- Capable of efficiently integrating existing methods with new innovation to economically solve production problems in a timely manner.
- Able to communicate effectively both orally and in writing
 - Working knowledge of Microsoft Office, SolidWorks, Amada Dr. Abe Software
 - Blueprint and GD&T reading capabilities
 - Experienced with ISO 9001-2015

Physical Demands: In order to perform the essential job functions of this position, some physical demands are required. The individual in this position will be frequently engaged in activities that require body mobility in order to perform such as lifting and carrying items, moving about in the workplace, and operating some office equipment. The individual in this position must also be capable of maintaining regular attendance, following instructions, understanding workplace materials, and communicating with others.