

Title: ETO Designer (CAD)
Reports to: ETO Supervisor
Location: Fort Worth

Essential Duties and Responsibilities

1. Contribute to design concepts, complete general layouts, and produce drawings using 2D & 3D CAD programs. This person is a strong contributor to design development and can work with little supervisory direction.
2. Create required documentation using Microsoft Office software products. Typical applications would be BOMs, ECRs, ECNs, Process Specifications, etc.
3. Operate within established PCI Design and Documentation standards.
4. Correspond with customers, vendors, and internal customers with respect to design, drawing, or documentation issues.
5. Given the requirement of added responsibilities in product development, this person should have a good grasp of project management; inner company processes (purchasing, planning, sales, etc) and cost so as to better contribute to the design process.
6. Regular and timely attendance is an essential function of this position.

Education/Experience Requirement

1. High school diploma.
2. 3 – 8 years relevant experience.
3. Very thorough understanding of many facets of manufacturing methods including sheet metal/extruded aluminum manufacturing processes. Thoroughly familiar with applicable manufacturing tolerances and associated costs, and how they should be accounted for and designed around.
4. Associate Degree in CAD a plus.
5. Thorough understanding of **SolidWorks**.
6. General understanding of Documentation Control Standards and operates within established PCI Design and Documentation standards.
7. Strong Contributor to continuously improving processes within the department.
8. Thorough understanding of drafting ANSI standard principals

Specific Skills Helpful

- AutoCAD
- Revit
- HVAC experience
- Sheet metal and aluminum extrusion experience
- Structural design experience
- Familiarity with general metal fabrication equipment
- Related field experience
- Architectural background

Other Duties and Responsibilities

- This job description is not intended to be all-inclusive. Employee may perform other related duties as negotiated to meet the ongoing needs of the organization.

Physical Demands

- No specific physical demands.

Work Environment

- General office and factory environment.