



Position Description

Position Title:	Computer Assisted Design Programmer
Job Code:	TBD
Salary Grade:	TBD
Reports to:	Detailing Manager
Reports:	None
FLSA:	Non-exempt
Department:	Detailing
Date:	April 2016

Position Summary:

The Computer assisted design programmer is responsible for optimizing software performance of our stair drawing programs and developing efficient interfaces with steel processing systems including CNC equipment interfaces.

Duties and Responsibilities:

1. Assists the detailing manager in the development and overall plan for creating semi automated detailed drawings.
2. Designates proper file formats and appropriate details for CNC equipment and drawing interfaces with other packages.
3. Develops easy methods for outside customers to use company manufacturing facilities to produce their parts and products.
4. Work with outside programmers to solve software related issues.
5. Other duties as required.

Necessary competencies:

1. Accurate
2. Communication
3. Customer Focus
4. Flexibility
5. Judgment
6. Leadership
7. Planning and Execution
8. Problem Solving
9. Teamwork
10. Technical Orientation

Technical Expertise

1. Experience designing in manufacturing, assembly, production or similar industries using CNC equipment is required.
2. Experience reading and understanding blueprints, designs and drawings is required.
3. Basic understanding of computer numerical control, programming, and computer-aided design is required.
4. Experience working in construction or structural building industries is preferred.
5. Computer proficiency: MS Office [Outlook, Excel, Word] or similar software is preferred. AutoCAD, Advance Steel, FabSuite, or similar software is required. Tekla, SDS/2, Fabtrol, and other steel software packages preferred.

Education and Experience

1. Education: Bachelor's degree in Computer Science or similar field is required; combination of education and equivalent field experience is also acceptable.
2. Certification: None.
3. Years of experience: 0 to 2 years is required.

Physical Environment

- While performing the duties of this job, the employee is regularly required to lift, walk, stand, sit, bend, reach with hands and arms, climb, push/pull, use hands, and see, hear, and speak.
- Occasionally lifts up to 50 pounds.
- The noise level in the work environment is usually quiet to moderate.
- This position is performed in an office setting, five days a week with typical work hours being 8.00a through 4.30p.