

Position Description

Position Title: Engineering Technician

Organization: Werner Systems/Woodbridge Glass

Reports To: Engineering Manager

Location: Tustin, CA

Travel: N/A

Summary:

The Engineering Technician at Werner plays a key role on the Engineering Team by performing all the duties required to help engineer a complete glazed system from which the Werner Fabrication Shop and Woodbridge Glass field installation teams can build and/or install complete glazed systems for the commercial construction industry. In this capacity, the Engineering Technician—at varying levels of responsibility commensurate with experience—supports project teams as required, and is accountable to the Engineering Manager, Project Engineering Team Leads, Design Manager, CAD Manager, Development Lead, and more senior members of the Werner team.

At all levels, the Engineering Technician shall function as more than just a drafter by possessing mechanical aptitude, computer hardware and software aptitude, and the ability and agility to adapt to and grow with Werner's engineering methods. This includes the ability to use—and/or quickly develop the ability to use—software tools and templates developed and deployed by Werner to create shop drawings, material take-offs, and fabrication documents (e.g. AutoCAD 2010, Inventor, and MS Excel). The Engineering Technician must possess—or be able to quickly develop—strong knowledge of the materials and fasteners that are used to engineer glazed systems, and be able to read, understand, and interpret architectural drawings. Finally, the Engineering Technician must be able to take direction from more senior members of the Werner Engineering Team, yet also be able to recognize and communicate to the team ideas for better engineered solutions.

Desirable candidates will be required to complete short, written and practical computer exams before being considered for the position.

Required and desired knowledge, skills, abilities, and experience are as follows:

Required Knowledge, Skills, Abilities, and Experience:

- Minimum of one year of recent, contiguous experience using AutoCAD 2007 or later in primary job; must understand and be able to use major functions in AutoCAD (e.g. CUI, X-Refs, blocks, dynamic blocks)
- MS Office programs skills, with above-average knowledge of Excel
- Strong ability to read, understand, and interpret architectural drawings
- Ability to create shop drawings using 2D CAD, and create material take-offs and fabrication drawings from shop drawings
- Ability to thrive as a member of a dynamic engineering team in the commercial construction industry
- Ability to communicate and contribute new ideas for engineering methods
- Ability to perform duties without requiring constant supervision and correction
- Ability and desire to learn new skills as required through on-the-job training and formal classroom training

Desired Knowledge, Skills, Abilities, and Experience:

- At least one year of design/drafting experience in the commercial construction, aerospace, power plant, or petroleum industries
- Knowledge of materials, processes, and fasteners used in the commercial construction industry
- One or more years of experience using Inventor, Solidworks, Pro/E, Revit, or other similar solid modeling software tools
- Formal classroom training in the use of AutoCAD and Inventor
- Ability to use and create MS Access databases
- VBA programming skills
- LISP programming skills