



JOB TITLE: Design Engineer I

GENERAL DESCRIPTION

Under oversight from Engineering Manager, the Design Engineer I is responsible for the design of precast structures.

ESSENTIAL FUNCTIONS AND RESPONSIBILITIES

- Answers questions regarding engineering issues.
- Reviews Architectural/Structural plans and does required calculations to ensure structural integrity.
- Manages drafter(s) preparing shop drawings/pour tickets.
- Meet with Engineers/Architects/Owners as required.
- Ensures safe structures, safe working conditions, quality products, quality service, and satisfied customers by working with all departments within the Company.
- Provide sales staff with engineering support for prospect jobs.
- Visits jobs during the erection process.
- Follows up with the contractor regarding the progression of the project.
- Overlooks shop drawings and other calculations.
- Handles concerns and issues as necessary during any phase of the project.
- Needs to make quick, educated decisions based on needs and requirements.
- Prepares appropriate fixes for errors that have occurred on the projects.
- Works with the customers and contractors during difficult stages of production of their product.
- Overviews all facets of project from start to finish.
- Complete special projects as requested and performs other duties as assigned.

KNOWLEDGE, SKILLS, AND ABILITIES REQUIRED

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| <ul style="list-style-type: none"> – Must have interpersonal communication skills to interact with co-workers, supervisors, and managers. – Experience with Microsoft office/design software. Ability to interact with customers in a professional manner. – Must be able to solve problems quickly and efficiently. | <ul style="list-style-type: none"> – Ability to work with others to get the project completed efficiently. – Must be motivated and self-driven to complete a task. – Understand and accepts changes that are implemented to become Best in Class. |
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EDUCATION REQUIREMENTS

- Bachelor’s degree in civil engineering
- 0 – 5 years-experience, with a preference in design engineering in the pre-cast industry

WORKING CONDITIONS

- Moderate to high risk of exposure to unusual elements.
- Moderate to high risk of safety precautions.
- General Office Environment with a moderate to high exposure to jobsite environment.

This position profile identifies the key responsibilities and expectations for performance. It cannot encompass all specific job tasks that an employee may be required to perform. Employees are required to follow any other job-related instructions and perform job related duties as may be reasonably assigned by his/her supervisor.



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