Project Engineer  
Full Time

About Mid-States

At Mid-States Concrete Industries, our vision is to change the world by being the safest and most innovative precast building company. We partner with our customers to innovate, design, and build meaningful buildings in which to live, work, and play. We commit to all of this by creating a positive experience with every interaction, having a sense of humor, and believing that being a little weird is a good thing!

The Position

Mid-States Concrete Industries is looking for a Project Engineer to join our dynamic team in South Beloit, Illinois.

The Project Engineer is responsible for creating computations and drawings for precast concrete components and structures, while maintaining a primary focus on safety, cost, and schedule. They provide support and direction to the project team in order to facilitate timely progress on assigned projects. They collaborate closely with sales, production, quality control, project managers, field personnel, contractors, architects, and engineers, and serve as the main customer point of contact through design. This individual will also be responsible for:

- Preparing structural computations and specify design requirements for precast components, precast structures, and associated connections.
- Maintaining scope and specification of projects as defined by their proposal and contract.
- Submitting Requests for Information (RFIs) to provide computations and specify design requirements.
- Creating submittal drawings prepared by the project design team in conformance with the intent of contract documents and specified design requirements.
- Generating erection drawings prepared by the project design team for release to production and final approval by governing engineer.
- Submitting production drawings prepared by the project design team in conformance with erection drawings and specified design requirements.
- Evaluating and resolving discrepancy reports.
- Collaborating with the project team for successful completion of assigned projects.
- Working closely with production, purchasing, and installation teams to resolve project issues.
- Coordinating accurate estimated completion dates with project managers.
- Proactively working with the Senior Structural Engineer to create tools to increase productivity.
The Person

We are looking for someone who is confident leading and supporting collaborative projects. They demonstrate meticulous attention to detail and organizational skills, and are always looking for ways to innovate and improve products and processes. They are comfortable communicating their ideas, are open to feedback, and excited to learn.

Required Qualifications

- Bachelor’s Degree in Civil Engineering or related field.
- Professional Engineering Stamp.
- Excellent understanding of construction processes (architectural drawings, details, and constructability).
- Demonstrated ability to apply advanced mathematical concepts and operations to structural analysis of building systems and components.
- Clear understanding of building code requirements.
- Experience with Revit Autodesk modeling or equivalent software.
- Literacy in engineering software programs.
- Proficient with Microsoft Office products (Word, Excel, Outlook, Power Point).

Preferred Qualifications

- Structural Engineering Stamp.
- Civil Engineering specialization.
- Experience working in the precast concrete industry.
- Previous experience preparing structural precast computations.

Application Process

To apply, please submit your resume to careers@msprecast.com.

*Mid-States Concrete Industries an Equal Employment Opportunity (EEO) Employer, providing equal employment opportunities to employees and applicants without regard to actual or perceived: race, color, religion, national origin, ancestry, citizenship status, age, sex, pregnancy, disability, military status, sexual orientation, gender-related identity, or any other characteristic or status protected by law.*