

UNISORB, INC.
CIVIL/STRUCTURAL ENGINEER - JOB DESCRIPTION

Position Summary

A Unisorb Civil/Structural Engineer has a wide range of responsibilities. Including but not limited to, machine foundation design, project coordination, on-site technical support and training, and product support and development. This position will interface directly with Unisorb project managers, customers, and consulting engineers in the application of Unisorb products to various markets, such as machine tools, medical, power generation, manufacturing, testing & verification, etc. Solid communication skills and general knowledge of machinery installation and construction practices are required. This position will require infrequent travel throughout North America but will primarily work from the Jackson, MI office.

Primary Duties and Responsibilities

- Manage civil engineering projects.
- Coordinate and perform design of foundations and structures for industrial equipment.
- Gather, coordinate and present information required for complete construction drawing packages for industrial equipment.
- Complete design calculations and be able to present to customers in a clear, professional format.
- Responsible for providing engineering assistance to support the application of Unisorb products.
- Prepare proposals including scope of work for both foundation design services and Unisorb products.
- Assist in the maintenance of a complete file of specifications and literature for all equipment and for competitive product lines.
- Occasionally provide on-site technical support for the installation of Unisorb products and services.
- Assist with the evaluation of anticipated additions to the line of company products.
- Works from Jackson, MI office and may at times need to travel to customer locations for on-site engineering support or engineering inspections.
- On occasion work in a wide range of conditions which may require PPE such as hard hat, safety glasses, steel toe boots, etc.
- Some project sites can be physically demanding.
- Must possess the ability to work and be productive in a wide range of conditions and situations.

Qualifications/Education/Experience

- Bachelor's Degree in Civil/Structural Engineering required.
- Professional Engineering License in the State of Michigan required.
- Construction experience preferred.
- Ability to solve problems quickly and creatively with a minimum amount of information.
- Well organized and detailed oriented
- Detailed communication skills, written and verbal.

Proficiency in the use of:

- Windows 10
- MS Office 365
- MathCad or similar structural design software preferred.
- Contact Management (CRM)
- Construction Documents (AutoCAD, Revit, or SolidWorks)
- FEA software (SolidWorks Simulation) preferred.
- Internet navigation