
JOB DESCRIPTION

STRUCTURAL ENGINEER OR ENGINEER-IN-TRAINING

Your New Role

As an experienced engineer or engineer-in-training (EIT), you will work on a variety of building and construction types for concrete, masonry, wood, steel, high seismic and high wind load structures. You will be a contributing team member performing engineering work with other internal and external disciplines during planning, design and construction administration phases of projects. In addition, you perform inspection, research and other technical discipline tasks to ensure adherence to relevant codes and standards.

WHAT YOU'LL BE DOING

- Lead or partake in project design efforts to complete design and ensuring conformance to quality control and quality assurance procedures. Determine Design Criteria using relevant codes and standards.
- Responsible for concurrently managing multiple projects.
- Prepare detailed plans and construction documents, engineering calculations, contract specifications and bid documents, and technical report writing. Review shop drawings and RFIs as needed.
- Devise new approaches to problems encountered.
- Coordinate with internal and external disciplines to ensure understanding of scope and project deliverables as well as effective client/team communications.
- Attends project meetings and jobsite visits and conduct on-site investigations/assessments of existing buildings as required for projects; all of which may require occasional overnight travel.
- Maintain continuous improvement of technical standards, design guidelines, practices and procedures and provide communication and explanation of the same.
- Mentor team members for continuous improvement and the sharing of best practices.
- Assist with client relations.
- Other duties, responsibilities and activities may be required to ensure client project delivery and company operations.

WHAT YOU'LL BRING

- Bachelor's degree in Civil Engineering (with structural emphasis) or related discipline required.
- 5+ years' experience working in structural engineering. Candidates must be a licensed Professional Engineer (PE), or hold an EIT or Engineering Intern (EI) certification. PE licensed in Minnesota is a plus.
- Experienced in the design and analysis of complex structures with a solid understanding and application of structural engineering principals, practices and concepts.
- Working knowledge of Microsoft Office, Revit, AutoCAD and current structural engineering software (e.g., RAM, RISA, ADAPT). Working knowledge of Smartsheet, Unanet CRM by Cosential and Deltek Ajera software is a plus.
- Ability to navigate and apply national, state and local codes along with American Society of Civil Engineers (ASCE) standards to overall project and individual material designs.
- Proven personnel management skills, leadership qualities and effective mentoring capabilities. Strong and effective decision-making and interpersonal skills.

- Candidates holding an EIT or EI certification are committed to complete The Principles and Practice of Engineering (PE) exam within a dedicated time frame. Candidates will be expected to obtain their PE license for career progression.
- Positive and professional attitude with excellent verbal and written communication skills to effectively communicate with co-workers and clients in person or virtually.
- The applicant is a U.S. citizen or U.S. resident with a valid Green Card.

About Us

Nelson-Rudie & Associates, Inc. (Nelson-Rudie) is a 100% employee-owned consulting engineering firm established in 1976. With a talented team of 60+ design professionals, the company provides structural, mechanical, electrical and refrigeration engineering services on a wide range of project types across the country.

Nelson-Rudie is a fast-paced, energetic working environment. We offer a competitive salary with benefits including medical, dental, vision and life insurance, Employee Stock Ownership Plan (ESOP), 401(k), bonus program and flexible working hours.

Visit nelsonrudie.com to learn more about our company.

Get in Touch Today!

Send your resume and a cover letter, explaining why you'd make a good addition to our team, to alexandra.nelson@nelsonrudie.com.