



Civil/Structural Designer – QA/QC Checker

Company

Tier 1 Utility Design, Inc. (Tier 1) is a certified woman-owned engineering firm specializing in substation, transmission, distribution, and controls design, supported by advanced laser-scanning and 3D-modeling capabilities. We combine strong engineering fundamentals with efficient, forward-thinking processes to deliver reliable solutions for critical infrastructure.

In partnership with Substation Engineering Company (SECo), we foster a collaborative, engineering-driven environment where ideas are shared, issues are resolved early, and technical excellence is paramount. Our team values ownership, continuous improvement, and a supportive culture that respects work-life balance.

Job Description

Main Duties

- Reviews detailed drawings/models of unusual, complex or original design for a complete phase of a project requiring the application of theoretical and practical design knowledge.
- Checks work assigned to CAD Technicians and Designers for technical quality, accuracy and compliance with customer, Company and discipline standards.
- Ensures project deliverables for technical quality, accuracy and compliance with Company and Client standards.
- Reviews and resolves design interferences/clashes.
- Participates in the training and mentoring of new CAD Technicians and Designers.

Desired Education, Experience and Training

- Typically eight years progressively responsible discipline related design and QA/QC experience plus AA degree.
- Senior level design position performing difficult and complex work assignments involving independent judgement to determine a course of action consistent with established functional and organization's policies and goals.
- Ability to lead and/or train lesser seasoned individuals.
- Familiar with basic engineering and/or design/drafting concepts.
- Has general understanding of other disciplines' roles in the design process.
- Able to complete tasks in accordance with project procedures and applicable codes and/or standards.
- Able to discuss routine technical problems and communicate effectively with immediate supervisor and other project personnel.
- Able to utilize advanced PC, 2D and 3D CAD and other applicable hardware and software to perform duties.
- Proficient in design and able to utilize design tools effectively as well as provide training and conduct QA/QC checking as needed.
- Ability to meet deadlines and manage priorities important.



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- Strong written and verbal communication skills are essential to effectively teach other employees.

Full Benefit package

- Medical/Dental/Vision
- Paid Holidays
- PTO (Paid Time Off)
- Group Life Insurance/LTD/AD&D
- 401K
- Voluntary Benefit Plans
- Paid Parental Leave

Position Classification/Compensation

- Non-Exempt
- Competitive pay structure