



Example of Structural Engineer Job Description

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Our growing company is hiring for a structural engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for structural engineer

- You will be required to effectively carry out detailed consideration of suitable materials
- Assist with engineering studies, calculations, detailed design docs and specs, project cost estimates and providing installation support services
- Develop, maintain and upgrade technical standards/specs to be used on specific projects, centralized design basis and historical references
- Complete all tasks in accordance with corporate policies
- Provide technical support for customers and support regional business development initiatives as a technical recourse under direction of a supervising engineer
- Review calculations, drawings, and reports produced by other structural engineers
- Manage project progress relative to project plan, schedule, and budget
- Perform finite element analysis for complex, high temp gas ducts and stacks
- Field inspection and construction administration of the various projects
- Daily monitoring of the construction work to ensure the design/contract conformities

Qualifications for structural engineer

- A well-rounded background in structural project design and delivery to meet various challenges

- Ability to successfully liaise with clients, sub-consultants and contractors
- Review and approve related drawings and documents
- Raise revision / change orders for any works performed which are outside the original scope of work