



# Example of Structural Engineer Job Description

Powered by [www.VelvetJobs.com](http://www.VelvetJobs.com)

Our innovative and growing company is hiring for a structural engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for structural engineer

- Create new or revise existing designs, drawings, and bill of materials
- Maintains project activity journals and prepares engineering reports on the status of construction projects
- May assist in training and providing guidance to lower level staff and may supervise engineers and technicians on assigned projects
- And, other job related duties as assigned by senior management
- Comprehensive understanding of a specific discipline and has basic understanding of other disciplines
- May provide technical guidance to a small group of engineers, designers, and specialists
- Fully versed with the preparation and execution of project scope within specific discipline
- Fully versed with building codes and permits
- Fully versed with the process of preparing and checking of calculations the approval, revision, retention, and storage of calculations within a specific discipline
- Understands the external factors that impact specific engineering problems

## Qualifications for structural engineer

- Be compliant with all health and safety legislation covering building design
- Experience with design of towers for wind turbines or other mast/chimney

- BS in Structural Engineering or Civil Engineering with Structural Emphasis in an accredited program
- PE certificate
- AutoCAD, Excel, and Word experience
- MS in Structural Engineering in an accredited program