

Structural Engineer Job Description

A Structural Engineer Job description involves the following

1. Analyze and design the structure for strength and stability.
2. The designs shall be in accordance with the latest international building codes, ACI and AISC codes and tender specifications.
3. Understand the design basis report thoroughly before taking up the structural workings.
4. Sound and good Understanding of behavior of structure for various loads.
5. Should be able to use latest structural software's i.e. Staad, Etabs, SACS, Ansys etc.
6. Also, must have basic understanding of Mechanical equipment's, Pipes, Electrical cable trays.
7. Able to perform Dynamic analysis of structure using response spectrum analysis and also Vibration Equipment foundations.