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# Example of Civil Structural Engineer Job Description

Our company is growing rapidly and is hiring for a civil 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 civil structural engineer

* Produce and oversee the production of high quality design documentation including sketches, drawings, calculations, reports and specifications
* Lead and undertake Civil/Structural engineering design, review and construction supervision across a range of projects
* Check and review designs prepared by others
* Mentor and develop capability of junior staff
* Act as the main technical adviser on a construction site for subcontractors, craft and operatives
* Day-to-day management of the site, including supervising and monitoring the site labour force and the work of any subcontractors overseeing site quality control, health and safety matters
* Responsible for the design, co-ordination and design verification for geotechnical, civil and structural design activities related to renewable energy (RE) power plants (feasibility basic and detailed designs) both direct and by external services
* Interface with EGPNA Contractors, project managers t and engineering unit specialists for all technical, design and planning aspects of the different projects
* Perform feasibility studies, design, construction, and implementation of alternative energy technologies power plants (Wind, Solar, Geothermal, and Hydro)
* Perform structural analysis and design of concrete and steel structures related to the Power sector

## Qualifications for civil structural engineer

* Experience of working on a variety of projects as project leader on some with experience of dealing directly with clients
* Dexterity to operate office equipment, and ability to access field locations as required by the position
* EIT is required
* Broad knowledge of applying civil and structural engineering practices to plant constructability, construction methods and materials
* Multidisciplinary engineering knowledge
* Ability to lead and work with engineering staff at all levels