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# Example of Graduate Civil Engineer Job Description

Our company is looking for a graduate civil engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for graduate civil engineer

* Supporting senior staff in co-ordination of tenders and projects for clients
* Checking design and assessment calculations and reviewing detailed drawings
* Providing support to senior staff in co-ordination of tenders and projects for clients
* Assist in the preparation of specifications, proposals and other documentation under supervision
* Analysis & design of various industrial structures (Pharma/ Chemical/ Steel/ Cement/ Manufacturing/ oil & gas)
* Design and drawings for all plant buildings with pile foundations
* Static & Dynamic analysis of Machine Foundations & Structures using STAAD
* Checking of Bar bending schedule and MTO
* Design & detailing of RCC/STEEL industrial structures, finite element analysis of foundations, and use of software STAADPRO
* Developing civil-architectural design basis/scope matrix/job specification/deliverable list

## Qualifications for graduate civil engineer

* Preparing tender documents for various LSTK packages & BOQ
* Civil design and specification related to new projects
* Civil and structural design of new water and wastewater treatment projects
* Design of upgrade and renovation schemes for existing water and wastewater treatment works
* Design of sewerage and water mains upgrades, renovations and new schemes, of all sizes and complexities
* Feasibility and Preliminary Designs