



# Example of Junior Civil Engineer Job Description

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

- Identify and apply appropriate storm control Best Management Practices (BMP) for both construction and post-construction phases of a project
- Gathers and maintains specified records of engineering data such as tests, drawings, and gathers field data such as manhole depths and spot surveying
- Working independently evaluating, selecting, and applying standard engineering techniques, procedures, and criteria, using judgment in making minor adaptations and modifications
- Preparation of standard documentation – reports, specs, drawings, spreadsheets
- Preparation of engineering design analysis reports
- Assist with environmental field data collection and site investigations
- Some overnight travel to locations within the continental United States may be required
- Management of residues and containment structures, performance of dams and ground improvement techniques, geoenvironmental issues, and storm water management including the financial and technical evaluation, design, and permitting stages
- Geotechnical engineering analyses including but not limited to slope stability, settlement, bearing capacity, and seepage
- Geotechnical and environmental site characterization using laboratory and field data

## Qualifications for junior civil engineer

- Knowledge in relevant laws and regulations
- High proficiency in German and English, French would be beneficial
- Our work includes projects in Germany and abroad
- Understanding of basic civil engineering principles
- Familiarity with using GIS for spatial analysis and hydraulic modeling is preferred