



Example of Civil Technician Job Description

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Our growing company is hiring for a civil technician. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for civil technician

- Perform construction management duties including review construction documents and submittals, perform and document daily inspections, and assisting with project punch lists
- Assist in collecting asbuilt drawings and watercards
- Designing capabilities within heavy rail is essential, additional experience with metro and/or light rail is also desirable
- Producing and checking a wide variety of track designs, grading models, DTM surface and applicable details
- Being able to work with LIDAR point clouds, manage, verify and control surveys and geographic data for design needs
- Data entry and participation in structural inspections
- Preparation of photographic documentation
- Complete Health and Safety training
- Work with engineers, technicians and project managers in the preparation of drawing packages, report figures, design concepts, sketches, and calculations
- Produce construction drawings for a variety of infrastructure projects

Qualifications for civil technician

- ITI or Diploma in Civil Engineering
- Relevant experience in software such as AutoCAD and REVIT
- A minimum of HNC in Civil Engineering or similar
- Provide general Autocad and Civil 3D and Microstation drafting for the preparation of preliminary and detailed design drawings including plans,

spot elevations, signing and pavement markings, detours and construction staging

- Minimum 8 years experience working with Autodesk AutoCAD and Civil 3D and Microstation with respect to Alignments, Profiles, DTMs, Pipe Networks, Sections, View Frames and Sheets
- Experience with highways, roads, drainage and utilities drafting using Civil 3D and Microstation