



# Example of CAD Technician Job Description

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Our company is growing rapidly and is looking to fill the role of CAD technician. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for CAD technician

- Uses CAD software (SolidWorks and AutoCAD) and instrumentation (calipers, micrometers, ) to create and modify mechanical drawings and perform engineering and design tasks
- Communicate and Report outcome of work promptly and effectively
- Contribute to staff development and supervision as appropriate
- Maintain ink and paper supplies for plotter
- Periodic verification and updating of system tagging and labeling
- Supporting engineers with the development of design solutions
- Develop site layouts and create design plans both independently and under direction of Project Engineers
- Develop preliminary grading designs
- Develop preliminary utility layouts
- Assemble and coordinate plan sets with multiple engineering disciplines, including applicable reference files

## Qualifications for CAD technician

- Ability to transpose, using current standards, pipe/network sketches to CAD drawings
- Excellent 3D CAD and BIM knowledge/capability would be an advantage
- Experience in all or some of the following areas
- Educated to HNC level or equivalent in a relevant subject such as Civil or Mechanical Engineering or similar

- Experience in all or some of the design development for water networks and pipeline schemes would be desirable