



Construction technician

Description

Construction technicians are an unavoidable factor in any construction endeavour. They plan, prepare, organise, and supervise the execution of works in construction engineering (residential and business buildings) and civil engineering (roads, railways, bridges). They carry out a large number of activities on the construction site so as to ensure that everything goes in accordance with the plan and that construction works advance faster and better; they also develop plans and then implement them in the field. Construction technicians take part in developing the documentation, planning and elaborating the engineering drawings; they organise preparatory construction works, organise the execution of works, supervise and follow the time plans of works and the adherence to occupational safety policies, examine the properties of construction material and check the quality and maintain the required documentation. They are in charge of ordering and monitoring the consumption of material and they coordinate the workers on the construction site. Within their work, they use complex software tools and programmes to develop the construction plans.

Construction technicians plan all the steps and details necessary for the execution of construction works; it is therefore important that they are organised, analytical, and capable to quickly adjust to changing circumstances. Considering that construction technicians organise work on-site, they need to have good communication skills so as to be able to issue clear instructions and coordinate the work team. The job is mostly done on-site and that is why construction technicians need to be in good physical form. They will be exposed to different weather conditions considering that a part of the work still takes place in the office.

Desirable traits/requirements

- Deftness and good physical form
- Good sight and visual acuity
- Spatial orientation
- Teamwork skills and flexibility
- Responsibility and reliability
- Being organised
- Analytical skills
- Perseverance

Positive aspects:

- To prepare, follow, and organise construction works is a responsible but exciting job. Construction engineering and civil engineering are always in demand and the profiles which are to organise and implement them are always sought-after.

Negative aspects:

- Construction technicians work outdoors where they are exposed to wind and the elements. In summer, working hours are usually longer. Due to time constraints, they often work under great pressure.

Career path/field of work

To do the job of the construction technician, you need to finish a four-year secondary vocational school.

Construction technicians work in construction companies and design bureaus.