



# Elevator fitter

## Description

Due to the growth of urban areas and ever more intensive construction, there is a demand for an increasingly larger number of specialists to help us improve the accessibility and movement inside high-rise buildings and high-scrapers. Such developments place the elevator fitters in high demand and make them indispensable. They are in charge of installing the mechanic parts of elevators and the electronical fittings; they also carry out final inspection to ensure that structures that are installed are safe for people and that people will be transported in them in an optimum manner. Preparatory works which precede the elevator fitting are important; within these works you check the safety of the working area, carry out unloading and storing of the required material, and check the scaffolding. Occupational health and safety and personal protection equipment are critically important. The mounting of elevator mechanical parts and elements involves a large number of work tasks: at this stage you install elevator guiding rails and drive elements, measure the elevator shafts, install and mount the elevator car, and install and mount the access doors and the car doors. The work tasks also include electrical installations: you need to install the elevator control cabinet as well as high-voltage electrical fittings (such as control panel and engine), and you also need to instal cabin fittings (alarms, lights, photo curtains). Finally, elevator fitters carry out final checks and test the safe operation of the elevator.

In addition to possessing technical knowledge, in order to be able to do the elevator fitter's job, you need to be precise, to have manual dexterity and good movement skills, as well good spatial orientation. A large part of the job is done through teamwork and communication with co-workers and associates. An elevator fitter uses a large number of different devices and needs to operate them carefully and with precision.

## Desirable traits/requirements

- Manual dexterity
- Stability and agility
- Good sight and visual acuity
- Spatial orientation
- Responsibility and reliability
- Being organised and flexible
- Teamwork

## Positive aspects:

- Demand for elevator fitters is growing and there is opportunity for wide application of practical skills and knowledge. A large number of different tools is used in elevator fitter's work.

## Negative aspects:

- Elevator fitters need to be precise. They have a responsible and demanding job. Considering that elevator fitting elements and the appertaining process are constantly being improved, you need to learn all the time and further develop your professional skills.

## Career path/field of work

In order to be able to do this job, it is necessary to finish a secondary vocational school. The skills and knowledge you need to do this job are acquired within training courses.

Elevator fitters work in the elevator fitting companies.