

BUILD OHIO

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Elevator Mechanic

Elevator installers and repairers—also called elevator constructors or elevator mechanics—assemble, install, maintain, and replace elevators, escalators, dumbwaiters, moving walkways, and similar equipment in new and old buildings. They also are responsible for modernizing older equipment. Elevator installers and repairers must have a thorough knowledge of electronics, electricity, and hydraulics. Elevator installers put in electrical wires and controls, and install electrical components and related devices required at each floor and at the main control panel in the machine room. Installers bolt or weld together the steel frame of an elevator car at the bottom of the shaft; install the car's platform, walls, and doors; and attach guide shoes and rollers and install the outer doors and door frames at the elevator entrances on each floor.

Working Conditions

Elevator installers and repairers often carry heavy equipment and parts. Repairers may be required to work overtime when essential equipment needs repair; some workers are on call 24 hours.

Length of Apprenticeship

The apprenticeship is a four/five-year program. Apprentices must complete a minimum of 144 related classroom hours per year and 9,250 on-the-job training hours.

Minimum Qualifications

Applicants must be 18 years of age, have graduated from high school or have obtained a GED or equivalent certificate, have completed one year of high school algebra or equivalent post-high school algebra course(s) with a grade of C or better, or submit equivalent math placement test scores.

Wage Averages for Ohio (Bureau of Labor Statistics, 2013)

Hourly: \$40.31

Annual: \$82,030