

Maintenance Workers, General:

Perform work involving the following skills : maintenance or craft occupations to keep machines, mechanical equipment, or the structure of an establishment in repair.

Duties may involve pipe fitting; boiler servicing ; insulating; carpentry; repairing electrical or mechanical equipment; installing, aligning, and balancing new equipment; and repairing buildings, floors, or stairs.

Building Mechanic,

Tasks

Repair or replace defective equipment parts using hand tools and power tools, and reassemble equipment.

Perform routine preventive maintenance to ensure that machines continue to run smoothly, building systems operate efficiently, and the physical condition of buildings does not deteriorate.

Inspect drives, motors, and belts, check fluid levels, replace filters, and perform other maintenance actions, following checklists.

Use tools ranging from common hand and power tools, such as hammers, hoists, saws, drills, and wrenches, to precision measuring instruments and electrical and electronic testing devices.

Assemble, install and/or repair wiring, electrical and electronic components, pipe systems and plumbing, machinery, and equipment.

Diagnose mechanical problems and determine how to correct them, checking blueprints, repair manuals, and parts catalogs as necessary.

Inspect, operate, and test machinery and equipment in order to diagnose machine malfunctions.

Record maintenance and repair work performed and the costs of the work.

Clean and lubricate shafts, bearings, gears, and other parts of machinery.

Dismantle devices to gain access to and remove defective parts, using hoists, hand tools, and power tools.

Knowledge

Mechanical - Knowledge of machines and tools, including their designs, uses, repair, and maintenance.

Building and Construction - Knowledge of materials, methods, and the tools involved in the construction or repair of houses, buildings, or other structures such as highways and roads.

Public Safety and Security - Knowledge of relevant equipment, policies, procedures, and strategies to promote effective local, state, or national security operations for the protection of people, data, property, and institutions.

English Language - Knowledge of the structure and content of the English language including the meaning and spelling of words, rules of composition, and grammar.

Mathematics - Knowledge of arithmetic, and their applications.