



ELEVATOR/ESCALATOR WORKER

FC: MA525
PG: MW III
FLSA: Non-Exempt

PC: 301
BU: 01
Created: June 1996
Revised: February 2016

*Class specifications are intended to present a descriptive list of the range of duties performed by employees in the class. Specifications are **not** intended to reflect all duties performed within the job.*

DEFINITION

Under general supervision performs skilled preventive maintenance, repair and modification to elevators, escalators and related equipment in a wide variety of District facilities; and performs related duties as assigned.

CLASS CHARACTERISTICS

This is a journey level classification performing the full scope of skilled maintenance and repair work on both elevators and escalators. Although incumbents are normally assigned to one or the other type of equipment, they must be sufficiently familiar with both to provide assistance in emergency or relief situations. This class is distinguished from other related mechanical repair classes by the focus on the specific type of equipment repaired.

EXAMPLES OF DUTIES – *Duties may include, but are not limited to, the following:*

1. Following a pre-established schedule, performs preventive maintenance and cleaning escalators, including checking handrails, steps, combs, contacts, relays, plates, rollers and brakes.
2. Performs preventive maintenance and adjustments on elevators, including door operations, hydraulic and cable elements, interlocks, relays, hoists and governors.
3. Inspects for maintenance needs, makes basic repairs to ensure safety, places barricades or signs and notifies foreworker.
4. Repairs escalators and elevators, determining the exact nature of the malfunction; replaces work parts, including handrails, bearings and electrical components.
5. Inspects equipment to determine reasons for frequent failures and problems; suggests improvements and works with engineering and other maintenance staff regarding modifications.
6. Uses diagnostic test equipment and precision measuring devices in the course of the

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work; performs basic welding as required to complete repairs.

7. Reads and interprets diagrams, engineering drawings, manuals, schematics and work orders; measures, tests and inspects completed work to confirm adherence to specifications.
8. Maintains records of work performed and parts and materials used.
9. Operates District vehicle to reach equipment to be serviced; may operate cranes or other equipment as required for repair; follows proper safety procedures.
10. Answers patron questions regarding work activities; requests supplies through supervisor or from stock.

QUALIFICATIONS

Knowledge of:

Mechanical principles and techniques as applied to electrical principles and techniques as applied to elevator/escalator repair.

Use and care of power and hand tools-of -the-trade.

Basic shop mathematics.

Safe working practices.

Applicable codes and regulations.

Skill in:

Diagnosing operational problems in elevator/escalator equipment and determining parts and labor required for repairs.

Performing preventive maintenance on elevator and escalator equipment.

Reading and interpreting engineering drawings, schematics, manuals and work orders.

Working effectively both independently and with a crew.

Understanding and following oral and written directions.

Maintaining accurate records of work performed and materials used.

Establishing and maintaining effective working relationships with those contacted in the course of the work.

MINIMUM OUALIFICATIONS

Education:

Completion of a formal apprenticeship in elevator or escalator repair

Experience:

One (1) year of (full-time equivalent) verifiable journey level experience in the maintenance or repair of elevators and escalators and/or related equipment.

Other Requirements:

Must possess a valid California driver's license and have a satisfactory driving record.

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Must possess sufficient physical ability to walk, climb, stoop, bend, kneel, crawl, stand and twist.

Must possess sufficient physical ability to work in confined spaces.

Must possess sufficient physical ability to work at heights up to 45 feet and walk on uneven surfaces.

Must have sufficient physical ability to occasionally lift and carry up to 100 pounds a short distance.

Must possess sufficient physical ability to work in a dusty, greasy and dirty environment subject to odors and noise.

Must be able to wear respiratory protective equipment during the performance of assigned duties in accordance with the District Respirator Program and applicable Cal-OSHA requirements.

Must be willing to work occasional emergency overtime.

WORKING CONDITIONS

Environmental Conditions:

Field environment; exposure to inclement weather, dust, grease, dirt, odors and noise.

Physical Conditions:

Requires maintaining physical condition necessary for walking, climbing, stooping, bending, kneeling, crawling, twisting, working in confined spaces, working at heights up to 45 feet, and walking on uneven surfaces; lifting and carrying up to 100 lbs.