



ELECTRICAL HELPER

JC: 000034

PG: MW-I

FLSA: Non-Exempt

PC: 151

BU: 01 (SEIU)

Created: September 17, 2009

*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 a variety of semi-skilled mechanical and electrical maintenance repair work of the District facilities, trackways and related appurtenances; and performs related duties as assigned.

CLASS CHARACTERISTICS

Incumbents in this class will normally work in a small crew setting to perform a variety of work in the preventative maintenance and repair of the District's trackways and facilities throughout the system. This class is distinguished from the Electrician in that the work of the latter class requires knowledge and experience in performing tasks related to electricity, completion of an apprenticeship in the electrical trade, as well as one year of journey level work experience.

REPORTS TO

This position reports to the Electrical Foreworker.

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

1. Receives daily work assignments from shift Foreworker.
2. Performs physical work in District facilities and the trackway including aerial, grade and subway environments.
3. Re-lamps lighting fixtures; cleans and/or replaces lens.
4. Carries and stages materials, supplies, and tools required for work to specified locations, using District vehicles.
5. Arranges, stages and organizes parts and materials in shop environment.
6. Maintains tools, equipment and worksite in a neat and orderly condition.
7. Performs measurements and marking required for drilling, clamping, and positioning material and

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equipment for proper installation.

8. Cleans 3rd rail insulators.
9. Performs installation of material such as coverboard bracket, braces, bolts, clips, pins coverboard, shields, or insulation with tools including wrenches, screwdrivers, sockets, torque wrenches, drills, saws, and other hand and power tools.
10. Reports unusual incidents and the need for additional maintenance or repair to Foreworker.
11. Keeps trucks assigned to electrical/mechanical section clean: keep truck supplies and tools on trucks in good order.
12. Drives trucks and mobile equipment related to electrical maintenance work.

QUALIFICATIONS

Knowledge of:

- Trackway appurtenance maintenance procedures, methods, supplies, tools and equipment
- Proper use and care of hand and power tools and equipment
- Safe working practices and techniques

Skill in:

- Using hand tools and power equipment to perform semi-skilled trackway maintenance and repair work
- Following oral and written directions
- Working cooperatively with others in a crew

MINIMUM QUALIFICATIONS

Education:

Possession of a high school diploma, GED, or recognized equivalent.

Experience:

One (1) year of (full-time equivalent) verifiable general maintenance or heavy labor experience which will have provided a familiarity with semi-skilled mechanical and/or electrical equipment, tools and procedures.

Other Requirements:

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

Must be physically able to perform strenuous physical labor both indoors/outdoors in all types of weather.

Must be physically able to momentarily lift 50 lbs to waist, various shaped materials and equipment.

Must be physically able to walk, climb, stoop, bend, crawl, twist, work in confined spaces, work underground, and walk on uneven surfaces.

Must be physically able to climb and work from a ladder at a height of 20 feet.

Must be physically able to climb into vehicles with steps up to 25" from the ground in close clearances.

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

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in dusty work environment subject to various fumes and noise levels per applicable Cal-OSHA requirements.

Must be able to understand, read, write, and communicate effectively in English.

WORKING CONDITIONS

Environmental Conditions:

Field, shop, or construction site environment; exposure to dust, noises, fumes, heat, cold, confined spaces, heights, underground, moving vehicle, electrical energy and inclement weather conditions.

Physical Conditions:

Requires maintaining physical condition necessary for performing strenuous labor; lifting and carrying various material and equipment; walking, climbing, stooping, bending, crawling, twisting, working in confined spaces, underground, and heights, walking on uneven surfaces; and working from a ladder; climbing in and out of vehicles; and wearing respiratory and fall protective equipment according to District, State, and Federal requirements.

BART EEO-1 Job Group: 5500 - Semi-Skilled Workers
Census Code: 7610 - Helpers-Instal/Maint/Rep Wrkrs
Safety Sensitive: N