

LOS ALAMITOS UNIFIED SCHOOL DISTRICT
Office of the Personnel Commission

CLASS TITLE: SKILLED MAINTENANCE WORKER – ELECTRICAL

BASIC FUNCTION:

Under the direction of a Maintenance Supervisor, perform journey level electrical work in the repair of building electrical systems and semi-skilled work in one or more of the skilled trades, including carpentry, plumbing, cabinet-making and HVAC.

REPRESENTATIVE DUTIES:

1. Perform routine maintenance and minor repairs to HVAC equipment including fans, blowers, pumps, thermostats and motors; install and maintain clocks, switches and electrical fixtures and equipment. Replace light ballasts, retrofit light fixtures, install conduit, and install electrical circuits.
2. Installs and maintains a variety of indoor and outdoor lighting fixtures.
3. Determines causes of electrical failures and plans repairs.
4. Estimates time and materials required for electrical repairs and reconfigurations.
5. Maintains records of time and materials.
6. Alter, repair and construct items and structures of wood including walls, partitions, counters, doors, window frames, podiums, cabinets and shelves.
7. Maintain and repair furniture and fixtures; install doors and windows; replace locks, glass and screens; repair and replace roofs; install floor and ceiling tile; repair door closers.
8. Install water pipes, tap water and sewer mains and laterals; repair and replace pipes, valves, fittings and other fixtures; clean drain and sewer obstructions.
9. Install, maintain and repair chain link and wooden fences.
10. Operate equipment like skip loaders, dump trucks, forklifts, bobcat, trenchers, and concrete grinder.
11. Assist and work collaboratively with maintenance, grounds and custodial staff to execute a variety of maintenance repairs, services, and installations at all District sites.
12. Perform other related duties as assigned.

KNOWLEDGE AND ABILITIES:

KNOWLEDGE OF:

Methods, practices, equipment and tools used in various trades including electrical, HVAC, carpentry, plumbing, cabinet-making and Chain link and wooden fences.
California Electrical Code, California Building Code, Health and safety regulations. Materials, equipment and methods used in electrical and electronic installation and repair work.

ABILITY TO:

Perform journey-level electrical work
Use electrical test equipment
Distinguish between the primary colors used in the electrical/electronic trade
Use hand and power tools skillfully and safely
Work from sketches, plans and blueprints
Install and repair chain link and wooden fences
Understand and follow oral and written directions
Work cooperatively with others
Establish and maintain effective working relationships with others
Analyze situations accurately and adopt an effective course of action
Lift objects weighing up to 100 pounds

MINIMUM QUALIFICATIONS

EDUCATION: Graduation from high school

EXPERIENCE:

Completion of a recognized electrical apprenticeship program or equivalent, and any combination equivalent to one year of experience as a journey-level electrician.

LICENSES AND OTHER REQUIREMENTS:

Valid Class C California driver's license and remain insurable at the standard insurance market rate.

WORKING CONDITIONS/PHYSICAL DEMANDS:

Work includes indoor and outdoor environment; subject to driving from site to site; may require extended day/hour assignments; climbing, stooping, bending, reaching over head, working with arms above shoulder level, crawling, crouching, standing, walking, sitting, kneeling, squatting; exerts pressure/repetitive twisting with wrists and hands; works with hand and power tools; lifts, performs heavy work including pushing/moving items up to 100 pounds; lift, carry, push or pull up to 50 lbs. (frequently), up to 70 lbs. (regularly) and up to 100 lbs. (occasionally); works near mechanical parts; exposed to chemicals, fumes, strong odors, toxic materials, dust, and airborne particles; works with sharp objects; works with electrical hazards; exposed to noise levels (e.g. power tools and equipment) up to 108 dBA; color vision, peripheral vision, depth perception and the ability to adjust focus; works independently; works in confined places; works in high places; works with tight deadlines; works in presence of children; has direct contact with students,

district staff, site administrators, general public; exposed to minor contagious diseases; Working in equipment carrying up to 480 volts of electricity; wear personal protective equipment such as dust masks, eye and ear protection as required.

SALARY RANGE: 78

ADOPTED BY PERSONNEL COMMISSON: August 17, 2016
APPROVED BY BOARD OF EDUCATION: September 13, 2016