

MAINTENANCE MECHANIC

DEFINITION

Under general supervision, performs a variety of semi-skilled and skilled maintenance and repair work; and performs related work as required.

LICENSE REQUIRED

Possession of a valid and appropriate California driver's license. Ability to get backflow license within six (6) months of date of hire.

CLASS CHARACTERISTICS

Incumbents in this class are expected to have gained sufficient knowledge and skill in the assigned area to perform semi-skilled and skilled tasks independently. Task assignments are less difficult and more routine than those normally assigned to the specialized maintenance trade's classes.

EXAMPLES OF DUTIES

Checks, cleans, and services school plant equipment, such as large and small air conditioning, air handling, air compressors, swimming pool, water heating, and large oil-fired boiler equipment, and makes minor repairs to them. *E*

Maintains and replaces building appurtenances, such as locks, door closures, electrical fixtures, sprinkler heads and pipes, doors, lockers, faucets, toilets, and gym equipment. *E*

Makes repairs to roofs. *E*

Installs, repairs, and maintains sprinkler and irrigation systems. *E*

Measures, selects, cuts, threads, and installs pipes, valves, and a variety of fixtures. *E*

Installs, repairs, and maintains backflow pressure valves and control devices. *E*

Sets and adjusts control devices to accommodate a planned irrigation schedule. *E*

Tests water systems for high and low pressure. *E*

Repairs desks, chairs, bulletin boards, and other furniture; replaces windows. *E*

Repairs bleachers, stands, outdoor lighting, and other outdoor equipment. *E*

Prepares areas used for seasonal sports, such as marking tracks, football fields, and baseball diamonds. *E*

Performs maintenance carpentry, painting, plumbing, and electrical work. *E*

EXAMPLES OF DUTIES (cont.)

Notifies supervisor when major overhaul or specialized repairs are necessary. *E*

Operates trenching, backfilling, and other equipment as assigned. *E*

Directs the work of assigned helpers. *E*

Assists in setting up bleachers, stands, speakers, lighting, and other facilities for school and community activities. *E*

Performs related work as required.

MINIMUM QUALIFICATIONS

Knowledge of:

1. Proper methods, materials, tools, and equipment used in the building trades and sprinkler/irrigation systems;
2. Shop math applicable to general maintenance; and
3. Appropriate safety precautions and procedures.

Ability to:

1. Read blueprints, schematic drawings, sketches, and diagrams;
2. Use hand and power tools skillfully and safely;
3. Estimate quantity and types of materials and supplies needed;
4. Maintain simple records;
5. Direct the work of others;
6. Operate a vehicle observing legal and defensive driving practices;
7. Understand and carry out oral and written instructions;
8. Establish and maintain effective relationships with those contacted in the course of work; and
9. Maintain work pace appropriate to given workload.

EDUCATION

Individuals possessing the knowledge, skills, and abilities listed above are considered to possess the necessary education.

EXPERIENCE

Recent experience performing semi-skilled and skilled maintenance work.

WORKING CONDITIONS

Environment:

Indoor and outdoor work environment; subject to noise from equipment operation; regular exposure to fumes, dust, dirt, oil/grease; subject to driving a vehicle to conduct work.

Physical Abilities:

Dexterity of hands and fingers to operate a variety of specialized equipment and tools; seeing to observe needed and completed repairs; climbing ladders and working from heights; reaching overhead and horizontally; standing for extended periods of time; walking over rough or uneven surfaces; lifting heavy objects weighing up to 100 pounds; bending at the waist; kneeling or crouching.

Hazards:

Vapors from paints and solvents; working in a cramped or restrictive work chamber; working with power saws and flying debris; working at heights on ladders or scaffolding; working with electrical power supply.

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