

Elk Grove Unified School District

CLASS TITLE: GROUNDS PREVENTATIVE MAINTENANCE TECHNICIAN

Basic Function:

Under the direction of the Manager, Grounds Services, or designee, perform entry-level maintenance work in the repair and maintenance of District Grounds equipment including, but not limited to tractors, mowers, gasoline, diesel, 2 and 4-cycle equipment engines.

Essential Functions:

Perform entry-level maintenance work in the repair and maintenance on small tractors, mowers, blowers, edgers, and other large and small District Grounds equipment, including gasoline and diesel, 2 and 4-cycle equipment engines; assure compliance with safety rules and procedures.

Perform scheduled preventive maintenance safety checks and inspections on Grounds equipment; maintain detailed equipment maintenance records.

Maintain and operate Grounds maintenance equipment in safe operating condition; perform routine maintenance on a variety of Grounds maintenance equipment.

Repair and replace engine electrical and ignition systems, such as distributors, coils, alternators, starters and related systems.

Repair, replace and adjust transmissions, drive shafts, differentials, universal joints, gears, and valves and transfer cases on Grounds maintenance equipment.

Maintain shop area, equipment and tools in safe, clean and orderly condition; dispose of hazardous materials in accordance with established guidelines; steam clean District Grounds equipment as assigned, maintain fuel and oil supply station.

Operate a variety of diagnostic equipment and machinery utilized in the maintenance and repair of tractors, mowers and other Grounds equipment.

Perform electrical and acetylene welding, brazing and soldering for minor Grounds equipment operational repairs.

Perform related duties as assigned.

Demonstrated Knowledge and abilities:

KNOWLEDGE OF:

The operation, maintenance and repair of heavy and light grounds maintenance equipment.

The safe operation of related tools, equipment and procedures in the repair and maintenance of District Grounds Maintenance equipment.

The basic operation and principles of gasoline, diesel, 2 cycle and 4 cycle Grounds maintenance equipment.

The methods, equipment, tools and materials used in the repair and maintenance of the Grounds department mechanical equipment.

The basic diagnostic procedures for Grounds maintenance equipment.

Preventative maintenance procedures and practices.

Shop math applicable to Grounds maintenance equipment.

Applicable health and safety regulations.

Safe driving techniques.

Interpersonal skills using tact, patience and courtesy.

Proper lifting techniques.

Understanding of basic gardening principles and practices.

ABILITY TO:

Repair and operate and maintain a wide variety of large and small gasoline, diesel, 2 cycle and 4 cycle engines of grounds equipment.

Repair and maintain mechanical, electrical and computerized equipment components.

Operate specialized equipment used in repairing or servicing of tractors, mowers including lifts.

Understand and follow oral and written instructions.

Maintain records related to safety, preventive maintenance and work performed.

Observe health and safety regulations.

Use gas and arc welding equipment.

Use proper lifting methods.

Communicate effectively both orally and in writing.

Establish and maintain cooperative and effective working relationships with others.

Maintain consistent, punctual and regular attendance.

Walk or stand for extended periods of time.

Bend at the waist, kneel or crouch.

Reach overhead, above the shoulders and horizontally.

Move hands and fingers to operate power tools and equipment.

See to observe and perform repairs.

Hear and speak to exchange information.

Education and Experience Required:

Any combination equivalent to: graduation from high school and two years Grounds equipment maintenance and repair experience.

Licenses and other Requirements:

Possession of or the ability to obtain and maintain a valid California Class C Driver's license.

Floor-lift 92 pounds and arm-lift 80 pounds.

Working Conditions:

ENVIROMENT:

Grounds equipment repair shop environment.

Driving a vehicle to conduct work.

Emergency call-out on site repairs as necessary.

Seasonal heat and cold or adverse weather conditions.

Regular exposure to fumes, dust and odors.

Operating a variety of machinery related to the grounds Industry.

HAZARDS:

Subject to noise and fumes from equipment operation.

Exposure to chemical fumes and vapors such as gasoline and diesel fuel.

Working in cramped or restrictive work chamber.

Working around and with machinery having moving parts.

Working on ladders.

Working around moving objects or vehicles.