

## RIVERSIDE UNIFIED SCHOOL DISTRICT

### CLASS TITLE: MECHANICAL TRADES MAINTENANCE WORKER (Range 22)

#### **BASIC FUNCTION:**

Under the direction of an assigned supervisor or technician, perform a variety of skilled and semi-skilled building and maintenance work.

#### **REPRESENTATIVE DUTIES:**

Pick up and deliver supplies and/or equipment such as scissor or boom lift and trailer to and from assigned sites. *E*

Operate and assure proper maintenance and repair as it relates to a variety of specialized hand tools, power tools and equipment including lifts (scissor and boom). *E*

Under the direction of a Technician, perform (scissor and boom) lift work as assigned. *E*

Perform minor installation of fixtures. *E*

Perform preventive maintenance (PM) on HVAC (Heating, Ventilation, Air Conditioning) units and related equipment. *E*

Drive a District vehicle to conduct work. *E*

Under the direction of a Technician, perform repairs on HVAC&R (Heating, Ventilation, Air Conditioning and Refrigeration) equipment, replacing fuses, installing HVAC units, installing and repairing HVAC&R motors, fabricate, repair, and install duct work. *E*

Under the direction of a Technician, perform energy management system (EMS) installations and repairs.

Replace fuses, fixtures, sockets, drop cords and switches. *E*

Maintain and install minor electrical equipment and lamps. *E*

Under the direction of a Technician, install conduit and lighting ballasts. *E*

Under the direction of a Technician, remove and replace plumbing faucets, fixtures and pumps.

Thread and assemble piping. *E*

Clean drains and lines of other plumbing fixtures. *E*

Perform related duties as assigned.

E=Essential functions

Updated & approved 5/31/17

**KNOWLEDGE AND ABILITIES:****KNOWLEDGE OF:**

Common methods, tools and equipment used in mechanical trades.  
Basic HVAC&R theory.  
Health and safety regulations.  
Safe working methods and procedures.

**ABILITY TO:**

Perform general maintenance on buildings and equipment.  
Understand and follow oral and written directions.  
Establish and maintain effective relationships with others.  
Operate the appropriate motor vehicles and lifts (scissors and boom).  
Acquire skills in a variety of mechanical trade's tasks.  
Effectively operate a computer/laptop and commonly used job-related software programs.

**EDUCATION AND EXPERIENCE:**

Any combination equivalent to: Graduation from High School and two years of experience in a related maintenance trade.

**LICENSES AND OTHER REQUIREMENTS:**

Possess and maintain a valid and appropriate California driver's license.

**WORKING CONDITIONS:****ENVIRONMENT:**

Indoor and outdoor environments.  
Driving a vehicle to conduct work.  
Subject to fumes and noise from air conditioning and refrigeration equipment.  
Exposure to adverse weather conditions.

**PHYSICAL ABILITIES:**

Seeing to diagnose problems.  
Dexterity of hands, wrists and fingers to operate hand tools and specialized equipment.  
Reaching overhead, above the shoulders and horizontally.  
Kneeling or crouching.  
Lifting, carrying, pushing and pulling heavy objects.  
Climbing ladders and working from heights.  
Walking and standing for extended periods of time.  
Bending at the waist.  
Hearing and speaking to exchange information.  
Crawling, crouching and kneeling to conduct work.  
Perform heavy manual labor.  
Wear appropriate personal protective equipment.

**HAZARDS:**

Working on ladders, lifts and or scaffolding at heights.

Fumes from HVAC&R, plumbing and electrical soldering or welding.

Electrical power supply and high voltage.

Exposure to vapors and fumes.

Working around and with machinery having moving parts.