

# Farmersville Unified School District

## JOB TITLE: H.V.A.C. MASTER MECHANIC

### JOB DESCRIPTION

#### Definition:

Under the supervision of the Director of Maintenance, Operations & Transportation, performs miscellaneous duties of general maintenance in one or more of specialized trade areas; assist department employees in the performance of assigned functions.

#### Responsibilities:

Carry out skilled duties in the H.V.A.C. trade, including but not limited to:

- Package dual-pak units
- Heat pumps
- Reciprocating compressors
- Absorption chillers
- Centrifugal compressors
- Thermal energy storage systems (TES-ice storage systems)
- Energy management systems
- High and low pressure hot water systems
- Low pressure steam systems
- Circulating pumps
- Air compressors
- Pneumatic and ddc controls
- Commercial laundry equipment
- Production kitchen equipment (freezers, refrigerators, steam kettles, stove tops, ovens, ice machines and appliances)
- Chilled water systems (fresh water and brine, including water treatment)
- Cooling towers including water treatment
- Perform related work in alteration or maintenance of building
- Troubleshooting burglar alarm, fire alarm and intercom system, able to repair/replace controllers to energy management system
- Make recommendation of tools, equipment, and necessary materials to supervisor
- Keep records, prepare reports, requisition supplies as needed
- Assist in maintaining schedule to H.V.A.C. Central Plant on computer system
- Keep and maintain log on all equipment, HVAC units, chillers, boilers, kitchen equipment, ice machines, etc.
- Perform other duties as assigned

#### Qualifications

##### ▶ **Knowledge of:**

Building/safety codes, use of power equipment, hand tools and procedures applicable to building construction, and extensive skills in the H.V.A.C. trade; and/or computer based record keeping. Knowledge in maintaining energy management system schedules and trouble shoot systems.

##### ▶ **Ability to:**

Perform necessary tasks of the H.V.A.C. trade as outlined above, meet physical requirements necessary to safely and effectively perform required duties; recommended and carry out a centralized maintenance program; work from blueprints; establish and maintain effective working relationships. Make recommendations on life span of equipment and change out of equipment.

##### ▶ **Experience:**

At least four (5) years of full-time experience in building and maintenance work as an H.V.A.C., employment at the journey level.

##### ▶ **License Requirement**

Valid California Driver's License. Boiler certification, HVAC certification and training.

##### ▶ **Physical Abilities/Environment:**

Physically and mentally able to perform the essential duties of a position without hazard to themselves or others; must be able to stand, walk, climb, bend and twist, kneel, crawl and stoop for extended periods of time; lift and carry 100 pounds; reach in all directions; sit for brief periods of time; adequate sight or corrected vision for the purpose of reading laws and codes, rules and policies, plans, blueprints, specs and other printed matter including color coding; hear and understand speech at normal levels; communicate so others will be able to clearly understand a normal conversation.

CSEA Approved: July 11, 2013

Board Approved: July 16, 2013