

Position Description

To perform this job successfully, an individual must be able to perform the essential job functions satisfactorily. Reasonable accommodations may be made to enable individuals with disabilities to perform the primary job functions herein described. Since every duty associated with this position may not be described herein, employees may be required to perform duties not specifically spelled out in the job description, but which may be reasonably considered to be incidental in the performing of their duties just as though they were actually written out in this job description.

Job Title: HVAC Technician

Pay Table: Support

Pay Grade: 12

FLSA Status: TBD

Job Code: 750

Reports to: HVAC Foreman

JOB SUMMARY

Under the general supervision of the HVAC Foreman, the HVAC Technician repairs and maintains heating and cooling systems and associated equipment; services hot water heaters, tanks, and appliances.

ESSENTIAL JOB FUNCTIONS

- Calibrates and replaces thermostats, VAV boxes, and ATC panels for comfort control on fan systems and univents.
- Runs plumbing lines for refrigerant, water, gas, condensate, and steam.
- Repairs or replaces recirculating, heating, cooling, and sump pumps.
- Drains, cleans, troubleshoots, repairs, and treats boilers--both steam and water systems (for heating systems).
- Repairs and replaces heating and cooling coils, valves, storage tanks, heat exchangers, steam controls, and trapping systems (for heating and cooling systems).
- Repairs or replaces air conditioner compressors, air compressors, swamp coolers, sawdust collectors, kilns, and other equipment as assigned.
- Troubleshoots fan problems and balances airflow.
- Reclaims and/or recharges air conditioning systems.
- Fabricates, modifies and welds adapters and frames for equipment.
- Installs and repairs sheet metal vents and ducts.
- Troubleshoots electrical problems on boiler, fan, etc.
- Replaces and sizes fuses, heaters, relays, v-belts, and pulleys.
- Replaces bearings in motors and shafts.
- Removes asbestos or maintains coverings.

MINIMUM REQUIREMENTS

- High School diploma and some college-level coursework.
- Completion of formal apprenticeship preferred.

- Four (4) years of experience related to the above tasks, knowledge, skills and abilities or an equivalent combination of education and experience.
- Driver's license.
- Freon certification preferred.
- Journeyman certificate preferred.

KNOWLEDGE, SKILLS AND ABILITIES

- Ability to read and write and perform basic mathematical calculation.
- Understanding of steam controls and recovery plumbing.
- Knowledge of heating and cooling tower treatment.
- Knowledge of air conditioning.
- Basic knowledge of carpentry, painting, masonry, sheet metal, electronics, and pneumatics.
- Knowledge of material safety data sheets (MSDS) preferred.
- Knowledge of energy codes and energy management system.
- Ability to repair heating, cooling, and hot water systems.
- Ability to use hand and power tools.
- Ability to use small office equipment and computers.
- Ability to use or repair small, medium and heavy machinery and equipment.

PHYSICAL DEMANDS

Very heavy work: Exerting in excess of 100 pounds of force occasionally and/or in excess of 50 pounds of force frequently, and/or in excess of 20 pounds of force constantly to move objects. The work also requires the following physical abilities in order to perform the essential job functions: balancing, climbing, crawling, crouching, feeling, fingering, grasping, handling, hearing, kneeling, lifting, mental acuity, pulling, pushing, reaching, repetitive motion, speaking, standing, stooping, talking, visual acuity and walking.

WORKING CONDITIONS

Employees in this position work in an environment with heavy equipment and machinery that could result in bodily harm to co-workers or others.

The Davis School District has the right to revise this position description at any time.