

 Oroville Hospital	Department: <b>Maintenance</b>
	Dept.#: <b>8460</b>  Last Updated: <b>2/27/08</b>

### Reports To

Director of Maintenance

### Job Summary

The HVAC Mechanic is responsible for Fabrication, assembling, installing and maintaining refrigeration, cooling, heating systems and their components as per blueprints, schematic drawings and established Engineering Departmental procedures for the purposes of maintaining said services to the buildings and facilities of the Hospital.

### Duties

1. May work from manufacturer specifications inspecting and testing electrical and signal circuits
2. Must have excellent troubleshooting skills, may perform repairs or modifications to compressors, motors, condensers, fans, thermostats, ducts, pipes and other mechanical, electrical and electronic equipment and/or systems
3. Will disassemble mechanical or electrical machinery, equipment and or systems to retrofit or replace all ancillary components as required. Will check clearances, voltages and perform ampere measuring as required prior to bringing any equipment/system back into service
4. Assists by transporting materials and tools by hand, dolly or truck. Makes repairs, cleans, lubricates and stores maintenance tools and equipment
5. Observes mechanical devices, pumps, engines, motors, refrigeration/air conditioning systems in operation and listens to their sounds to locate causes of trouble
6. Dismantles devices to gain access to and remove defective parts
7. Repairs or replaces defective parts
8. Adjusts functional parts of devices and control instruments or may install special functional and structural parts
9. Lubricates and cleans parts
10. Starts devices to test their performance
11. Set up and operate lathe, drill press, grinder and other metal-working tools to make and repair parts
12. Keep records for equipment showing type, model number, date of installation and extent of service

13. All work will be in accordance with established policies and procedure of the NEC, NFPA, NAPE and the Engineering/Maintenance Department. Performs a variety of duties in and around the buildings and grounds of the Hospital facility in completing all tasking
14. Obtains ability to use wrenches, electric drills, pipe cutters and benders, acetylene torches, hammers and various other hand/power tools
15. Obtains ability to read Amp meters, ohmmeters, test lamp, voltmeter, wattmeter, thermometer and manometer, Refrigerant gauges, vacuum pumps and refrigerant scales and refrigerant recycle/recovery equipment
16. May employ the use of block and tackle or hoist to install or repair equipment/systems
17. May work independently, may work with electricians, engineers, plumbers or duct work/sheet metal workers
18. Must work wherever the equipment/systems are located, on rooftops, outdoors, inside office buildings or mechanical rooms
19. May be exposed to all types of weather conditions
20. color discrimination is needed to differentiate wire colors in order to connect correct wires

### **Qualifications**

1. High school graduate, with related shop courses
2. Trade school, apprenticeship program preferred
3. Minimum 2 years experience as a commercial refrigeration mechanic required
4. Must have a valid California Drivers License and clean DMV record
5. Must be in good health and have above average strength and coordination in order to lift or move heavy pieces of equipment

### **Lifting Requirements**

Work may require using ladders or scaffolding. The mechanic must assume awkward and cramped positions to reach parts of the unit(s) during installation, servicing and maintenance.