

4J SCHOOL DISTRICT

JOB TITLE:	HEATING TECHNICIAN	Dot #: 637.261-014
Department:	Facilities Maintenance	
Work Hours:	8 hour shift/5 days week; on call for emergencies, weekends, as necessary.	
JOB SUMMARY:	<ul style="list-style-type: none"> • Service/repair oil, gas, electric, or sawdust fired heating systems in assigned buildings. • Inspect/diagnose/repair equipment malfunctions: leaking steam pipes, broken burners, valves/couplers needing replacement, power supply breakdowns, climate controls needing adjustment. • Install/repair/replace boilers, motors, bearings, coils, heating cores, valves, fans, line traps, pumps, pneumatic controls, piping, etc. Clean oil tanks periodically. • Perform preventive maintenance; clean/align/lubricate heating system; insulate pipes/ducts/boilers; refasten loose dampers; adjust burners for maximum efficiency. 	
QUALIFICATIONS:	<ul style="list-style-type: none"> • 5 years training or experience in diagnosis/repair of commercial heating systems. • Knowledge of repair and fabrication of parts for boilers, burners, pneumatic and electric furnaces, and related heating systems. • Possession of valid Oregon Driver's License. • Ability to read, write, record data accurately, basic mathematical skills. • Ability to perform essential physical and mental demands as detailed below. 	
ESSENTIAL JOB FUNCTIONS: (Constantly over 2/3 time, Frequently 1/3-2/3 time, Occasionally under 1/3 time, Rarely under 10% time)		
Physical:	<ul style="list-style-type: none"> • Standing/Walking: Frequently; throughout work shift. Distance may vary from 1-5 miles daily, depending on task assigned. • Sitting: Occasionally; driving step van to and from job location or performing repairs. • Lift/Carry: Frequently, 30-50 lbs.; occasionally 100 lbs.; tools, parts, etc., up to 10-50 feet. • Push/Pull: Frequently; using both hand/arms, using large pipe wrenches, tightening valves, moving parts into place, exerting 30-100 lbs. force. • Climbing: Occasionally; ladders 10-12 feet, or stairs depending on task. • Balancing: Occasionally; while working on top of boiler, ladder, or catwalks in attic. • Bending/Twisting: Frequently; at waist/knees/neck throughout work shift. Occasional twisting while bending and lifting, necessary to perform repairs. • Kneeling/Crouching/Squatting/Crawling: Frequently; while performing repairs at floor level, crawling through service tunnels, working in attic. May crawl 100-400 feet in tunnels while performing repairs or preventive maintenance activities. Task may require tunnel work for several hours. • Hands/Arms: Constant use of both in reaching/handling/fingering/grasping while operating vehicle, using hand/power tools, and performing mechanical repairs. • Sight/Hearing/Smell: Constantly; in performing mechanical repairs and maintaining safety standards on the job. Requires depth perception, peripheral vision, and color vision. Hand/eye/foot coordination required in operation of equipment/tool use. • Speech/Written Communication: Occasionally; to interact with coworkers/record data. 	
Mental:	<ul style="list-style-type: none"> • Constant attention to detail in maintaining job safety and performing repairs accurately. • Must make independent decisions and follow through on all tasks as assigned. • Must use own initiative, provide problem-solving, plan and organize all tasks. • Must possess mathematical ability to perform basic measurements/calculations. • Must have good use of memory to recall physical layout of buildings and various components of heating system. • Must be punctual, attend to all assigned tasks, complete all assignments in a timely manner, and be able to respond to emergencies. 	
WORK CONDITIONS:	<ul style="list-style-type: none"> • 75% indoors, exposed to heat, cold, slippery surfaces, and hazardous situations listed below. 25% outdoors, exposed to typical weather conditions. • Heating technicians are assigned 12-14 schools, work independently in maintaining heating systems most of the school year. During summer, may work together on large projects. • Hazards: noise, moving equipment, exposure to vibration, working in confined and cramped positions for prolonged periods, working independently. • Other hazards: exposure to electrical shock, toxic/caustic chemicals, asbestos, radiant energy, burn exposure, hot and cold temperatures. • Equipment: step van, power/hand tools for sheet metal/pipe fitter/electrical/carpentry/plumbing and welding equipment. Safety equipment/protective gear required and provided. 	