



BOONE COUNTY JOB DESCRIPTION

JOB TITLE: Senior Facilities Maintenance Technician	NEW: _____	REVISED: X
	<small>(Please check one)</small>	
REPORTS TO: Manager, Facilities Maintenance	FLSA: Non-Exempt	DATE: 06/2019
DEPARTMENT: Facilities and Grounds Maintenance		JOB CODE: 801

SUMMARY:

Under general supervision, plans, performs a variety of maintenance and repair duties involving heating, ventilation and air conditioning (HVAC), electrical work, carpentry and painting to maintain County facilities.

ESSENTIAL FUNCTIONS:

*Essential functions, as defined under the Americans with Disabilities Act, may include the following tasks, knowledge, skills and other characteristics. This list of tasks is ILLUSTRATIVE ONLY, and is **not** a comprehensive listing of all functions and tasks performed by incumbents of this class.*

Repairs hot water boilers, liquid chiller units, compressors, power generators, kitchen equipment; temperature control systems and air balance; installs and replaces electrical outlets, light fixtures, switches, wiring, and receptacles; installs and repairs electrical apparatus, wiring, and electrical and electronic components of machinery and equipment; installs CCTV cameras, cable and computer cable.

Repairs and maintains plumbing and HVAC systems, pipes, valves, toilets, sinks, water heaters, and water softeners; visually inspects and tests machinery and equipment; listens for unusual sounds from machines or equipment to detect malfunction; repairs and maintains physical structure of establishment.

Discusses machine operation variations with supervisors or other maintenance workers to diagnose problem or repair machine; dismantles defective machines and equipment and installs new or repaired parts.

Visually inspects and tests machinery and equipment; cleans and lubricates shafts, bearings, gears, and other parts of equipment; installs and repairs electrical components of machinery and equipment.

Lays out, assembles, installs, and maintains pipe systems and related hydraulic and pneumatic equipment; operates cutting torch or welding equipment; sets up and operates machine tools. Orders parts, equipment, and supplies; maintains a variety of records and files.

KNOWLEDGE AND SKILLS:

1. Good knowledge of service manuals and other documentation for HVAC equipment and of tools used in repair of equipment.
2. Good knowledge of applicable Boone County Policies and Procedures.
3. Good knowledge of equipment, facilities, materials, methods, and procedures used in maintenance, construction, and repair activities.
4. Good knowledge of OSHA regulations and of safety procedures related to maintenance activities and tools.
5. Skill in communicating with managers and employees to diagnose problems and identify approaches for repair.
6. Skill in reading and interpreting plans and documents such as operating and maintenance instructions and procedure manuals.
7. Skill in applying basic mathematical concepts to compute rate, ratio, and percent and to draw and interpret graphs.
8. Skill in reading and interpreting sketches diagrams and blueprints.
9. Skill in the operation of standard hand and power tools, and meters.

PHYSICAL DEMANDS:

Position requires CONTINUOUS side-to-side turning of neck, walking, standing, bending and stooping, pushing/pulling, twisting at waist, moderate wrist torque to twist equipment knobs, operate hand and power tools; and performing work in unusual and sometimes difficult positions such as climbing ladders, scaffolding, high lifts, crawl spaces, above ceilings, etc. Must have clarity of vision, three-dimensional vision, precise hand-eye coordination, and ability to identify and distinguish colors. Must possess ability to hear sufficiently to recognize and diagnose issues with radio equipment. FREQUENT squatting, kneeling, reaching above and at shoulder height, moderate grasping to manipulate objects; lifting objects weighing up to 100 lbs.; lifting objects weighing 50 lbs. from below waist to above shoulders and transporting distances up to 50 feet; sitting, upward and downward flexion of neck; fine finger dexterity and light to moderate finger pressure to manipulate keyboard, equipment controls, and other office equipment; pinch grasp to manipulate writing utensils, electronic components and repair tools. Ability to operate a motor vehicle.

WORK ENVIRONMENT:

May be exposed to wet/humid conditions, inclement outdoor weather, vibration, extreme temperatures, and mechanical oils. This position is occasionally exposed to airborne particles/fumes, moving mechanical parts, risk of electrical shock, potentially hazardous or cancer-causing agents/chemicals, or loud noise levels. May be required to work in confined spaces, hazardous traffic conditions, or high/dangerous places. This position is routinely in contact with the public, other Boone County employees, elected officials, and members of other entities.

MINIMUM QUALIFICATIONS:

High School Diploma or GED and four years' maintenance and repair experience; a N.A.P.E. Class 3 License or State equivalent; experience with fans, pumps, and equipment and controls associated with HVAC systems, fire sprinklers, refrigeration systems, and security door control systems.

Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties, or responsibilities that are required of the employee for this job. Duties, responsibilities, and activities may change at any time with or without notice.