

THE UNIVERSITY OF WYOMING JOB DESCRIPTION

This is a description of a staff position at the University of Wyoming not a job opening announcement. Look for current job openings at the following link: [UW Human Resources](#).

The following statements are intended to describe the general nature and level of work being performed. They are not intended to be construed as an exhaustive list of all responsibilities, duties and skills required of personnel so classified.

Title: PLUMBER/PIPEFITTER, SENIOR

Reports To: Designated Supervisor

UW Job Code: 6244

UW Job Family: 61 - Crafts/Trades Supervisory

SOC Code: 47-2152

FLSA: Non-exempt

Pay Grade: 22

Date: 5-10-12

JOB PURPOSE:

Perform journeyman-level plumbing work required to inspect, repair and maintain University water, gas, drainage, Steam and Condensate along with Building Hydronic Systems. Assist with supervision, scheduling and training.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Maintain, troubleshoot, repair, and modify complex commercial and industrial mechanical systems such as regular utilities, heating, cooling, ventilating, process piping systems, pressure vessels, boilers, fire protection systems, temperature control systems, control valves, and all other plumbing fixtures on campus.
- Maintain, troubleshoot, repair and modify the steam-generating, distribution and utilization system including both the high and low-pressure sides of the system.
- Field design, layout, fabricate and install any and all of the systems listed above.
- Read and interpret construction drawings, sketches and plans to determine equipment and materials required and appropriate methods of installation.
- Use rule, spirit level and plumb bob to locate passages for pipe through walls and floors.
- Cut pipe passageways using manual and power tools; bend pipe using a bending machine or hand methods.
- Join pipe using screws, bolts, solder, solvents, slip and threaded joint fitting, and caulking.
- Inspect gas heating and water systems for damage including unsafe or unsanitary conditions, or for building code violations; recommend or take remedial action to bring gas heating and water systems to appropriate levels of safety and sanitation.
- Perform work in specialized plumbing areas by replacing plumbing fixtures such as sinks, commodes, hot water tanks, water treatment equipment, clean and repair sewer lines, drains, traps, and septic tanks; install, repair, and maintain hot water and steam heating systems;

installing, repairing, and maintaining burning equipment such as furnaces, ranges, grills, and fryers; repair and maintain various types and sizes of pumps.

- Assist with supervision, project prioritization and training.
- Complete complex technical work and troubleshooting. Inspect and oversee the work of others.
- Train and mentor new staff.

SUPPLEMENTAL FUNCTIONS:

- Prepare sketches documenting existing and proposed plumbing layouts.
- Recognize and report to appropriate department hazardous materials including asbestos, lead and mercury.

COMPETENCIES:

- Technical/Professional Knowledge
- Developing Organizational Talent
- Work Prioritization & Management
- Individual Leadership
- Quality Orientation
- Analysis/Problem Identification

MINIMUM QUALIFICATIONS:

Education: **High School Diploma or GED**

Experience: **8 years as a licensed Journeyman level plumber**

Required licensure, certification, registration or other requirements:

- Completion of a U.S. Department of Labor approved plumbing apprenticeship/Journeyman program which meets the requirements to attain licensure from the State of Wyoming and the City of Laramie as a "Masters Level Plumber"
- Valid driver's license

KNOWLEDGE, SKILLS, AND ABILITIES:

Knowledge of:

- Occupational hazards and safety precautions of the trade.
- Current trade methods, materials and equipment.
- Applicable state and federal regulations.
- Maintenance and repair of basic and routine steam, water, drainage, utility, heating systems, and natural gas distribution systems.
- Scheduling and supervisory techniques.

Skills and Abilities to:

- Read, prepare and interpret construction drawings, sketches, diagrams, blueprints and specifications.
- Communicate effectively both orally and in writing.
- Select appropriate materials based on application and amounts required.
- Install a wide variety of plumbing fixtures and equipment.
- Diagnose, isolate, and repair steam, water, drainage, utility, heating systems, and natural gas distribution systems.
- Measure, cut, thread, and install a wide variety of plumbing fixtures and equipment.
- Inspect, diagnose, maintain, and repair, a wide variety of systems, equipment, and fixtures.
- Perform safety inspections on a variety of equipment.
- Ability to serve 24-hour on-call duty.
- Move objects weighing up to 100 pounds.
- Ability to lead and prioritize projects.
- Schedule and manage in Manager's absence.

WORKING CONDITIONS:

Shop and in/outdoor environments; regularly exposed to hazards associated with the use of power and hand tools, dust, fumes, high-pressure steam, high temperatures, and confined spaces.

Authorized by Classification/Compensation, Human Resources

Employees may be requested to perform job-related tasks other than those specifically presented in this description. Participating in the University's hazardous waste minimization program is part of the job of each employee who uses (or may come in contact with) hazardous materials. Fair Labor Standards Act (exempt/non-exempt) is designated by position. University of Wyoming actively supports Americans with Disabilities Act and will consider reasonable accommodations.