

# The University of Texas at San Antonio

## *Job Description*

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Job Title: Plumber II  
Code: 15219  
Salary Grade: 58  
FLSA Status: Non-Exempt  
Department/Division: Office of Facilities  
Reports To: Maintenance Supervisor (Varies by Assignment)

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## *Summary*

- Function: To provide journey man level skill in the installation, maintenance, preventive maintenance, remodeling, repairs and servicing of the University's plumbing system. Assembles, installs, and repairs pipes, fitting, and fixtures of heating, water, gas, sewage, and drainage system, Requires intermediate to advanced plumbing experience
- Scope: Responsible for the prompt skilled performance of assigned plumbing and related duties. Frequently responsible for the supervision of semi-skilled or unskilled workers. Also works directly in and with other trade in a team environment and perform other duties as required and assigned.

## *Duties*

- Typical:
  1. Installs, repairs, replaces, and maintains water lines, air lines, gas lines, vacuum lines, sewer lines, acid drain lines, sump pumps, sewer ejectors, domestic water pumps, water heaters, piping, traps, valves, vents, washbowls, sinks, toilet fixtures, fittings, faucets, drains, special laboratory sinks, drain tables, experimental tables, kilns, forges, basil valves, plug valves, acid neutralizer, condensate drains, roof drains, water filters, drinking fountains, decorative fountains, expansion tanks and associated underground utilities.
  2. Cuts and threads pipe, brazes and soft solders copper pipe.
  3. Works off of ladders, scaffolding, and roof tops of buildings.
  4. Repairs and maintains plumbing by replacing washers and seats in leaky faucets, repairs burst pipes, and opens clogged drains
  5. Provides preventive maintenance to hot water and other units throughout the University.
  5. Inspects buildings, emergency eye washes and showers and repairs, replaces and installs as required.
  6. Inspects and repairs natural gas lines, gas meters and gas regulators and repairs, replaces and installs as required
  7. Repairs sewer pipes and unstops clogged lines.

8. Maintains a clean and safe work environment.
9. Performs water softener maintenance and checks softeners weekly.
10. Assembles and installs valves and pipe-fittings. Repairs and maintains valves, faucets, water heaters, traps, sinks, washbowls, sewers, vents and fixtures.
11. Bends pipe to required angle by use of pipe-bending machine and joins pipes by use of screws, bolts, fittings, solder, plastic solvent, fusion weld, and caulks joints.
12. Connects and maintains hot water units, gas heaters and furnaces and checks for safe operation.
13. Fills pipe system with water or air and reads pressure gauges to determine whether system is leaking.
14. Estimates labor and material costs; reports the estimate to superior.
15. Troubleshoots systems for malfunctions, analyses, diagnoses and resolves system problems.
16. Installs, repairs and tests Backflow system components.
17. Effectively communicates with peers and upper management regarding solutions to problems with solid time increments.
18. Surveys buildings and performs maintenance on equipment in a multi-trade team working environment, assisting outside plumbing trade as needed.
19. Must be available on an "On-Call" basis and is required to respond to emergency calls, shift work, over time, and odd hours to support the University mission.
20. Performs other duties as required and assigned.

- Periodic:

1. Creates accurate cost estimates of time and materials required for projects.
2. May maintain radiators, radiator traps, and thermostatic line traps
3. Performs repairs and remodels on Medical Gas systems.
4. Attends safety training, staff meetings, and maintenance training courses.
5. Provides comprehensive review of construction plans and gives constructive comments.
6. Freezes water lines to perform repairs as appropriate.
7. May troubleshoot commercial kitchen equipment.

***Education***

<b>Required</b>	<b>Preferred</b>
High school graduation or GED.	Associate's degree or equivalent from two-year College or technical school within area of assigned responsibility
	Completion of formal plumbing apprenticeship program or equivalent

***Other Requirements***

<b>Required</b>	<b>Preferred</b>
Texas State Board of Plumbing Examiners Journeyman's Plumber License. This license must be current at the time of hire and	Supplemental vocational school training.

maintained throughout the period of employment. Have a valid Texas Driver's License. Candidate must satisfactorily complete the required Criminal Background Check (CBC), Motor Vehicle Record (MVR) Check and must be approved by the Hiring Manager.	
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***Experience***

<b>Required</b>	<b>Preferred</b>
Six years of commercial/industrial plumbing experience including at least two years of experience since becoming a licensed Journeyman Plumber.	Seven years of commercial/industrial plumbing experience, including at least three years of experience since becoming a licensed Journeyman Plumber.
Must possess, or acquire within a year after employment, either a State of Texas Backflow Prevention Assembly Tester License or a State of Texas Journeyman Medical Gas Endorsement.	Possess both a State of Texas Backflow Prevention Assembly Tester License and a State of Texas Medical Gas Journeyman Endorsement.

***Equipment***

<b>Required</b>	<b>Possible</b>
Ability to use acetylene torches, pipe benders, cutter and threaders, wrenches, blueprints and other tools common to plumbing trade including the Rigid Pro-Press System.	Be able to inspect and operate Freeze machines and Fusion Machines.
Use of gauges and pressure equipment in checking for leaks.	

***Working Conditions***

<b>Usual</b>	<b>Special</b>
Exposure to variable Texas weather conditions and/or physical hazards common to a physical plant and construction environment such as elevated and confined spaces.	Currently anticipated to typically be Monday-Friday, 7:00AM – 4:00PM, however, flexible hours will be required in order to satisfy University needs and may include overtime, evenings, odd hours, shift work, weekends, and/or holidays.
Works in attics, subfloors, trenches, machine rooms and other occupational areas. Also exposed to mechanical, electrical, plumbing or other hazards common to the trade.	Required to be on stand-by call status, carrying pager, cell phone or two-way radio as assigned and respond to after-hours emergency calls.
Exposure to potential occupational hazards including biological and chemical hazards within certain laboratory spaces.	

Selected applicant must wear and properly maintain uniforms, protective gear and identification to be provided. Selected candidate must respond to after-hours emergency calls.	
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***Supervision***

<b>Received</b>	<b>Given</b>
Supervision received from Zone Manager and work direction from Plumber III.	None.

***Accuracy***

Proficiency in all phases of the duties performed.
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***Security Sensitive***

Specific job requirements or physical location of some positions allocated to this classification may render the position security sensitive, and thereby subject to the provisions of section 51.215 Texas Education Code.
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***Internal Control***

Within the scope of position duties, responsible for seeing that operations are effective and efficient, assets are safeguarded, reliable financial data is maintained, and applicable laws, regulations, policies, and procedures are complied with.
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