

# The University of Texas at San Antonio

## *Job Description*

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Job Title: Plumber III

Code: 15218

Salary Grade: 60

FLSA Status: Non-Exempt

Department/Division: Office of Facilities

Reports To: Maintenance Supervisor (Varies by Assignment)

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## *Summary*

- **Function:** To perform master-level skills in installation, maintenance preventive maintenance, remodeling, repair and servicing of the University's Plumbing systems and utilities in a mechanical utility distribution system. Requires advanced plumbing experience
- **Scope:** Responsible for the prompt skilled and proper performance of assigned plumbing and related duties and mechanical maintenance and repair of utility mains. Frequently responsible for all supervision of skilled, semi-skilled or unskilled workers. Also works directly in and with other trades in a team environment and performs other duties as required and assigned

## *Duties*

- **Typical:**
  1. Installs, repairs, replace 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, drains tables, experimental tables, kilns, forgers, basils valves, plug valves, acid neutralizer, condensate drains, roof drains, water filters, drinking fountains, decorative fountains, expansion tanks, and associated underground utilities.
  2. Cuts and thread pipes, brazes and soft solders copper pipe
  3. Works off of ladders, scaffolding, and roof tops of buildings
  4. Repairs and maintains plumbing by replacing washer and seats in leaky faucets, repairs burst pipes, and open clogged drains
  5. Provides preventive maintenance to hot water and other unites throughout the University
  6. Inspects building, emergency eye washer and shower and repairs, replaces and install as required

7. Inspects and repairs natural gas lines, gas meter and gas regulators and repairs, replaces and installs as required
8. Repairs sewer pipes and unstop clogged lines
9. Maintains a clean and safe work environment
10. Performs water softener maintenance and check softeners weekly
11. Assembles and install valves and pipe-fitting. Repair and maintains valves, faucets, water heaters, traps, sinks, washbowls, sewers, vents and fixtures
12. Bends pipe to required angle by use of pipe-bending machine and joins pipes by use of screws bolts, fitting, solder, plastic solvent, fusion weld, and caulks joints.
13. Connect and maintains hot water units, gas heater and furnaces and checks for safe operation.
14. Fills pipe system with water or air and read pressure gauges to determine whether system is leaking
15. Trouble shoot system for malfunction; analyzes, diagnoses and resolves system problems
16. Installs repairs and test Backflow system components
17. Effectively communicate with peers and upper management regarding solution to problems with solid time increments
18. Provides comprehensive review of construction plans and observes actual construction and provide constructive comments to supervisor
19. Survey building and performs maintenance on equipment in a multi-trade team working environment, assisting outside plumbing trade as needed, demonstrating effective team work and leadership skills
20. 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
21. Perform other duties as required and assigned.

- Periodic:

1. Assists other Office of Facilities sections and University departments as directed.
2. Creates accurate cost estimates of time and material required for projects.
3. In the absence of Immediate Supervisor or a Leader attends higher level staff meetings as required. Attends safety training, staff meetings and maintenance training courses.
4. Freezes water lines to perform repairs and may maintain steam lines and related equipment involving commercial kitchen devices.
5. Performs repairs and remodels on Medical Gas systems.

***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 a formal plumbing apprenticeship program or equivalent.

***Other Requirements***

<b>Required</b>	<b>Preferred</b>
Must be licensed by the Texas State Board of Plumbing Examiners as a Master Plumber for at least the previous two years. This license must be current at the time of hire and maintained throughout the period of employment.	Supplemental vocational school training.
Must 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.	

***Experience***

<b>Required</b>	<b>Preferred</b>
Ten years of commercial/industrial plumbing experience including at least two years of skilled Master-level since becoming a licensed Master Plumber. Must possess both, or acquire both within a year after employment, a State of Texas Backflow Prevention Assembly Tester License and State of Texas Medical Gas Master Endorsement.	Twelve years of skilled Master-level commercial/industrial plumbing experience since becoming a licensed Master Plumber
Must have some demonstrated communication, coordination, organization and leadership skills.	A minimum of one year or more experience in a similar commercial/industrial maintenance environment in a supervisory capacity is preferred.

***Equipment***

<b>Required</b>	<b>Possible</b>
Ability to use acetylene torches, pipe cutters, threads, wrenches, and other tools common to plumbing trade.	Be able to inspect and operate Fusion and Freeze machines.
Must be able to read and understand blueprints.	
Skilled in the use of gauges and pressure equipment in checking for leaks and the Rigid Pro-Press System.	

***Working Conditions***

<b>Usual</b>	<b>Special</b>
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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. Exposure to potential occupational hazards including biological and chemical hazards within certain laboratory spaces.	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.
Selected applicant must wear and properly maintain uniforms, protective gear and identification to be provided. Selected candidate must respond to after-hours emergency calls.	

***Supervision***

<b>Received</b>	<b>Given</b>
Some specific instructions from a leader or other supervisory personnel. Changes and implementation of plans from working drawings are often made by the incumbent.	Detailed instructions to helpers assisting in the work. Frequently oversees from one to five semi-skilled or unskilled workers and provides training to lesser skilled personnel.
Work is usually performed in accordance with standard trade practices and is inspected for conformity to specifications under the International Plumbing Code and the International Field Gas Code.	

***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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