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## Auburn University Job Description

Job Title: **Plumber III**

Job Family: No Family

Job Code: **ND12**

Grade ST14 \$44,500 - \$71,200

FLSA status: Non-exempt

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### Job Summary

Under limited supervision, provides advanced level skills and expertise to maintain, install, and replace plumbing pipes, fittings, and fixtures within campus facilities and infrastructure according to the National Plumbing Code.

### Essential Functions

1. Repairs, installs, and replaces water and sanitary sewer piping, fittings, fixtures (sinks, faucets, toilets, urinals, etc.), valves, pumps, strainers, backflow preventers, boilers, hot water heaters, and water supply lines to equipment and appliances interior to campus buildings.
2. Repairs, installs, and replaces exterior water distribution and storm sewer lines and related infrastructure across campus.
3. Plans, oversees, and leads large and complex new plumbing installation or replacement projects or building plumbing systems.
4. Troubleshoots and leads larger and more complex emergency repairs on exterior water distribution and storm drainage systems as well as interior building plumbing and gas systems.
5. Oversees and tracks assigned work orders, tasks, and projects in the Facilities Management enterprise work management system (AIM) to ensure timely and comprehensive completion of work. Provides reports to higher level management regarding work completion status and metrics.
6. May be responsible for meeting and maintaining training and certification requirements as outlined by the Auburn University Facilities Management Policy: "Training, Education, and Certification Requirements for Mechanical and Electrical Trades Personnel".
7. May be required to serve in an on-call status and remain work-ready when scheduled for an on-call period or rotation. Work-ready status requires an employee to return to the worksite within forty-five minutes while being physically and mentally unimpaired and fit for duty, able to safely perform all essential job functions with no risk to self, coworkers, students, public, or property.

### Supervisory Responsibility

May be responsible for training, assisting or assigning tasks to others. May provide input to performance reviews of other employees.

*The above essential functions are representative of major duties of positions in this job classification. Specific duties and responsibilities may vary based upon departmental needs. Other duties may be assigned similar to the above consistent with the knowledge, skills and abilities required for the job. Not all of the duties may be assigned to a position.*

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### Minimum Required Education and Experience

	<u>Minimum</u>	<u>Focus of Education/Experience</u>
<b>Education</b>	Some college; vocational or Associate's Degree	Plumbing systems and equipment, pipe fitting, HVAC systems and equipment, basic electricity, motors, digital systems, control systems, project management, leadership/supervision, or other related fields. Associate's degree preferred.
<b>Experience (yrs.)</b>	8	Experience in installation, maintenance, repair, and operation of a wide array of common plumbing system components. Must include at least 3 years at the preceding level

#### **Substitutions allowed for Education:**

When a candidate has the required experience, but lacks the required education, they may normally apply additional relevant experience toward the education requirement, at a rate of two (2) years relevant experience per year of required education.

#### **Substitutions allowed for Experience:**

Indicated experience is required; no substitutions allowed.

#### **Minimum Required Knowledge**

Advanced knowledge of the National Plumbing Code.

Advanced knowledge regarding a wide array of complex plumbing systems components such as water and sanitary sewer piping, fittings, fixtures, valves, pumps, strainers, backflow preventers, boilers, hot water heaters, and water supply lines to equipment and appliances interior to campus buildings as well as exterior water distribution and storm sewer piping, valves, pumps, fittings, backflow preventers, and related components.

Advanced expertise, knowledge, and skill concerning a wider range of plumbing piping types including copper, galvanized, PVC, glass-lined acid resistant, cast iron, and storm sewer.

Advanced knowledge regarding troubleshooting, assessment, and diagnostic techniques for complex building plumbing or drainage system problems.

Advanced knowledge regarding project management and the planning, scheduling, and overseeing of building plumbing, campus water distribution, or campus storm sewer system repair projects.

Advanced knowledge in the use of plumbing and drainage system monitoring, measurement, and diagnostic equipment and the ability to accurately use such equipment.

Knowledge regarding the use of building automation systems, such as Johnson Controls Metasys system, to find and troubleshoot issues.

Advanced expertise, knowledge, and skill concerning a wider ranges of large and complex plumbing systems components to include distribution system manual valves, motor controlled valves, traps/strainers, drains, and automated flush mechanisms.

Advanced knowledge of plumbing for heating and air conditioning systems as well as large and

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complex mechanical equipment components such as pumps, filters, and heat exchangers.

Knowledge of natural gas systems and their associated components.

Knowledge of heating and air conditioning systems.

Knowledge of electrical systems including larger and more complex components such as motors, motor controllers, fans, and electrical power panels.

Skills:

Ability to lead work crews and project teams.

Ability to troubleshoot complex plumbing problems and lead emergency repair teams.

Skills to repair, install, and replace water and sanitary sewer piping, fittings, fixtures, valves, pumps, strainers, backflow preventers, boilers, hot water heaters, and water supply lines to equipment and appliances interior to campus buildings.

Skills to repair, install, and replace exterior water distribution and storm sewer lines and related infrastructure across campus.

Skills to repair, install, and replace natural gas lines within campus buildings as well as gas distribution lines across campus.

Skills to execute complex and difficult repairs on plumbing systems.

Skills to lead larger and more complex emergency repairs on building plumbing, campus water distribution, and gas systems.

Skills to plan, oversee, and lead large and complex new plumbing installation or replacement projects of building plumbing systems.

Skills to work on Heating, Ventilation, and Air Conditioning Systems (e.g. tank-less water heaters, three-way valves for chilled water and hot water systems, piping in chilled water and hot water systems, piping in chilled water chiller, boiler, mixing valves, fan coils, and battery sensor faucets) in addition to solely working on water distribution and drainage systems.

Skills to perform work on electrical components of plumbing systems such as wiring motor controlled valves, pumps, or fans.

### **Certification or Licensure Requirements**

Valid Driver's License.

Valid Journeyman's Plumber's License.

National Inspection Testing Certification (NITC), STAR Plumbing Mastery Certification, or approved equivalent per Auburn University Facilities Management Policy: "Training, Education, and Certification Requirements for Mechanical and Electrical Trades Personnel".

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## **Physical Requirements/ADA**

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Frequent heavy or intense physical requirements, combined with exposure to a number of disagreeable elements, such as heat, cold, noise, dust, dirt, chemicals. Injury may require professional treatment or hospitalization. Constant precautions required.

Externally imposed deadlines; set and revised beyond one's control; interruptions influence priorities; difficult to anticipate nature or volume of work with certainty beyond a few days; meeting of deadlines and coordination of unrelated activities are key to position; may involve conflict-resolution or similar interactions involving emotional issues or stress on a regular basis.

Job frequently requires standing, walking, reaching, climbing or balancing, stooping/kneeling/crouching/crawling, hearing, handling objects with hands, and lifting up to 50 pounds.

Job occasionally requires sitting, talking, and lifting more than 100 pounds.

Date: 1/8/2020

