UNIVERSITY OF SOUTHERN CALIFORNIA
Plumber Journeyman- Module B
Job Code: 180299

Grade: TA
OT Eligible: Yes
Comp Approval: 4/7/2005

JOB SUMMARY:
Performs standard plumbing procedures. Determines need to repair and/or replace equipment. Estimates materials required for specific job components. Participates in the Plumber Pay for Knowledge and Skills Program including on-the-job training. Performs all appropriate module tasks and demonstrates proficiency as outlined in the Plumber Pay for Skills section, independently or as part of a team, as assigned by the supervisor. Trains journeymen and other employees specific skills and tasks as required.

JOB ACCOUNTABILITIES:
*Select E (ESSENTIAL), M (MARGINAL) or NA (NON-APPLICABLE) to denote importance of each job function to position.

<table>
<thead>
<tr>
<th>*E/M/NA</th>
<th>% TIME</th>
<th>Task Description</th>
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<tbody>
<tr>
<td>______</td>
<td>______</td>
<td>Installs, repairs, and maintains plumbing system and equipment utilizing a variety of plumbing tools and equipment. Works from blueprints, specifications, and schematic diagrams.</td>
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<td>Makes repairs and/or determines replacement of equipment.</td>
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<td>______</td>
<td>Plans, coordinates, schedules, and/or modifies plumbing installations.</td>
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<td>______</td>
<td>Maintains clean job site throughout duration and cleans up job site following work completion. Maintains safe working conditions for self and others. Stores and maintains supplies, tools and equipment.</td>
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<td>Trains other journeymen, Zone Maintenance Technicians, or other employees specific skills and tasks, as required.</td>
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<td>Responds to on-call emergencies.</td>
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<td>______</td>
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<td>Performs other related duties as assigned or requested. The University reserves the right to add or change duties at any time.</td>
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</table>

EMERGENCY RESPONSE/RECOVERY:

Essential: No
Yes In the event of an emergency, the employee holding this position is required to “report to duty” in accordance with the university’s Emergency Operations Plan and/or the employee’s department’s emergency response and/or recovery plans. Familiarity with those plans and regular training to implement those plans is required. During or immediately following an emergency, the employee will be notified to assist in the emergency response efforts, and mobilize other staff members if needed.

JOB QUALIFICATIONS:

Minimum Education:
High School Diploma or equivalent and completion of four year apprenticeship program

Minimum Experience:
4 Years

**Minimum Field of Expertise:**

Four years experience as a trade-related trainee may substitute for completion of a four year apprenticeship program. Additional four years minimum experience must be as a journeyman. Experience performing standard trade-related procedures. General knowledge of trade-related methods, materials, tools, and equipment. Familiar with city and state building codes, OSHA rules and regulations, standard safety practices and equipment, and other requirements for workplace safety.

**Preferred Education:**

Related Undergraduate Study

**Skills: Administrative:**

- Compute totals
- Gather data
- Input data
- Prioritize different projects
- Read handwritten text
- Understand and apply policies and procedures
- Use computerized spreadsheets
- Use database and/or word processing software
- Verify calculations

**Skills: Other:**

- Communication -- written and oral skills
- Knowledge of applicable laws/policies/principles/etc.
- Planning
- Scheduling

**Skills: Machine:**

- Calculator
- Personal Computer

**Skills: Trade/Auxiliary:**

- Calculate measurements
- Identify technical and equipment problems related to trade
- Prepare reports and/or maintenance records
- Read, interpret, and comprehend design drawings, blueprints, plans, specifications, and/or sketches
- Use and/or operate various stationary machinery, hand held power tools, and/or non power tools

**Supervises: Level:**

Trains journeymen and other employees on specific skills and tasks as required

**Comments:**

Valid California Driver's License required. Must own designated hand tools.

**Pay for Skills:**

- Run and install acid waste piping
- Freeze lines
- Jet (high pressure) drains
Install seismic gas shut-off valves
Rebuild (for repair) a circulating pump
Rebuild (for repair) a backflow valve
Make and install mechanical joints in piping systems
Install deionized (DI) water systems
Inspect fire hydrant and flow test (pilot gauge)
Locate sewer and water lines with pipe locator
Install/repair safety showers and eye washers
Install hot water heaters
Troubleshoot a “no hot water” condition
Locate gas leaks
Replace boiler coils (UPC only)
Replace steam activated coils (UPC only)
Repair external water mains
Repair external sanitary sewers
Core drill holes and install supports
Replace sprinkler heads
Install meters
Install pressure regulators
Repipe expansion tanks for chilled water and heating systems
Coordinate work with other crafts or areas

SIGNATURES:

Employee: _____________________________________  Date:_____________________________
Supervisor: ____________________________________  Date:_____________________________

The above 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.

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