

MECHANICAL SYSTEMS TECHNICIAN GR-9

BASIC FUNCTION

To install, maintain and repair electrical wiring, equipment and fixtures; and/or to install, maintain and repair plumbing and heating systems; and to assist with other mechanical systems and general building maintenance tasks as needed.

CHARACTERISTIC DUTIES & RESPONSIBILITIES

- Perform a wide variety of electrical repair and installation tasks:
 - Troubleshoot and repair electrical failures and breakage.
 - Repair or replace electrical fixtures and equipment.
 - Remove old electrical work, and design and install new electrical systems and equipment in newly constructed/renovated portions of existing buildings, or to meet increased electrical demands in offices or labs.
 - Inspect, and repair or replace as necessary life, safety equipment, including fire extinguishers, smoke detectors, fire alarm systems, and exit signs.
 - Keep up to date on changes in electrical codes.
- Perform a wide variety of plumbing and heating system installation and repair tasks:
 - Troubleshoot and repair plumbing and heating system leaks, failures and breakage.
 - Install, maintain, repair, and replace waterlines, drains and plumbing fixtures, including toilets, sinks, faucets, tubs, and showers.
 - Install new water lines and drains in newly constructed/renovated portions of existing buildings.
 - Perform or assist with plumbing work on gas and steam lines associated with heating systems; service and clean boilers and furnaces.
- Maintain tools and equipment used in electrical or plumbing work.
- Maintain an appropriate inventory of supplies and materials.
- Assist as needed with other mechanical systems and general maintenance work.
- Other related duties as assigned.

SUPERVISION RECEIVED

Moderate supervision is received from a senior mechanical systems technician or the Head of Buildings and Grounds.

MINIMUM QUALIFICATIONS

High school education, plus 5 to 7 years of relevant technical training/experience, or a combination of education and experience from which comparable knowledge and skills are acquired.

- Electrical or plumbing license.
- Broad base of basic knowledge and skills related to electrical or plumbing/heating system installation, maintenance and repair.
- Good general knowledge and skills related to other mechanical systems functions, and building construction and repair.

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This general outline illustrates the type of work, which characterizes the Job Classification. It is not an all-encompassing statement of the specific duties, responsibilities and qualifications of individual positions assigned to the classification.