



TECHNICIAN- IRRIGATION

DEFINITION:

Under the supervision of the Supervisor- Grounds, leads and participates in skilled work in the installation, repair and maintenance of designated irrigation systems and related parts, components and equipment; trains and provides work direction to assigned personnel.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following. Other duties may be assigned.

- Leads and participates in skilled work in the installation, repair and maintenance of designated irrigation systems and related parts, components and equipment; maintain a safe environment for students, staff and the public.
- Maintains, troubleshoots, repairs, renovates and remodels new and existing irrigation systems,
- Reviews blueprints to assure compatibility and standardization of sprinkler parts, valves, water pressure guidelines and pipes.
- Adjusts lawn sprinkler heads.
- Maintains inventory of irrigation supplies and equipment.
- Operates and maintains a variety of power-driven equipment and small hand and power tools.
- Maintains proper-water distribution on turf and shrub areas as required.
- Cleans and repairs lawn sprinkler heads and systems.
- Locates remote and manual control valves and irrigation piping for repairs.
- Repairs and replace and install sprinkler systems according to blueprints or as directed.
- Maintain routine records related to purchase orders and assigned activities.
- Maintains and installs automatic and semi-automatic and manually operated sprinkler controls, backflow protection equipment and anti-siphon devices.
- Driving a vehicle to conduct work.
- Trains and provides work direction to assigned personnel.

QUALIFICATIONS GUIDE

Knowledge of:

- Procedures, methods, techniques, materials, supplies, tools and equipment used in the installation, repair and maintenance of sprinklers and irrigation systems.
- Building codes and other restrictions pertaining to sprinkler irrigation systems.
 - Oral and written communication skills
 - Interpersonal skills using tact, patience and diplomacy
 - Basic record-keeping techniques.
 - Shop math applicable to the assignment

Ability to:

- Perform skilled work in the installation, repair and maintenance of irrigation systems and related parts, components and equipment.
- Interpret and work from blueprints and drawings.
- Inspect existing irrigation systems and related parts, components and equipment.
- Estimate materials and supply needs.
- Operate a variety of hand and power tools.

- Requisition parts and supplies according to established guidelines.
- Meet schedules and time lines.
- Make mathematical calculations.
- Plan and lay out work.
- Observe health and safety - Observe hlesion pa