

JOB DESCRIPTION
Grossmont Union High School District

IRRIGATION MECHANIC

Purpose Statement:

The job of Irrigation Mechanic is done for the purpose/s of maintaining irrigation systems; determining optimal irrigation schedules; ensuring water conservation while meeting District demands; providing design assistance to District sites relating to landscaping/turf issues and/or renovation projects; and ensuring adequate materials are available for timely completion of job functions. Incumbents in this classification provide students, staff and the public with well-maintained and safe building infrastructure and facilities which directly supports learning.

This job reports to Executive Director, School Construction & Building Services

Essential Functions

- Diagnoses problems and/or failures in irrigation systems for the purpose of identifying repair and replacement needs necessary to maintain equipment and systems.
- Estimates time and material costs for the purpose of determining costs for specific jobs.
- Inspects irrigation systems for the purpose of identifying, repairs and/or replacement needs, and maintaining schedules.
- Maintains supplies, equipment and tools for the purpose of ensuring adequate materials are available to complete assignments in a timely manner.
- Operates a variety of equipment (e.g. tractor, bobcat, skip loader, ditch witch, trencher, soldering torch, lathe, pipe cutters, etc.) for the purpose of providing the necessary assistance to install and maintain irrigation systems.
- Prepares written materials (e.g. service/repairs records, requisitions, work performed, etc.) for the purpose of documenting activities, providing written support and/or conveying information.
- Repairs irrigation systems (e.g. controllers/clocks, sprinkler heads, impact heads, rotors, etc.) for the purpose of providing preventive maintenance of irrigation systems.
- Responds to emergency situations (e.g. broken pipe, sprinkler, drainage problems, etc.) for the purpose of resolving immediate safety concerns.
- Transports various items (e.g. equipment, supplies, etc.) for the purpose of providing materials at job site as required to complete tasks.

Other Functions

- Assists other personnel as may be required for the purpose of ensuring an efficient and effective work environment.

Job Requirements: Minimum Qualifications

Skills, Knowledge and Abilities

SKILLS are required to perform single, technical tasks with a potential need to upgrade skills in order to meet changing job conditions. Specific skills required to satisfactorily perform the functions of the job include: adhering to safety practices; operating equipment used in the installation and repair of irrigation systems; and planning and managing projects.

KNOWLEDGE is required to perform algebra and/or geometry; read a variety of manuals, write documents following prescribed formats, and/or present information to others; and solve practical problems. Specific knowledge required to satisfactorily perform the functions of the job includes: safety practices and procedures; back flow prevention devices; hydraulic, electro-hydraulic and micro electric controllers; and calculating and applying hydraulic mathematical formulas.

ABILITY is required to schedule activities and/or meetings; gather and/or collate data; and consider a number of factors when using equipment. Flexibility is required to work with others in a variety of circumstances; work with data utilizing specific, defined processes; and operate equipment using a variety of processes. Ability is also required to work with a wide diversity of individuals; work with similar types of data; and utilize a variety of types of job-related equipment. In working with others, Problem solving with data requires independent interpretation of guidelines; and problem solving with equipment is significant. Specific abilities required to satisfactorily perform the functions of the job include: adhering to safety practices; being attentive to detail; meeting deadlines and schedules; and working under time constraints.

Responsibility

Responsibilities include: working under limited supervision using standardized practices and/or methods; providing information and/or advising others; and operating within a defined budget. Utilization of some resources from other work units is often required to perform the job's functions. There is a continual opportunity to have some impact on the Organization's services.

Working Environment

The usual and customary methods of performing the job's functions require the following physical demands: significant lifting, carrying, pushing, and/or pulling; frequent climbing and balancing; significant stooping, kneeling, crouching, and/or crawling; and significant fine finger dexterity. Generally the job requires 10% sitting, 50% walking, and 40% standing. The job is performed under some temperature extremes and some hazardous conditions.

Experience Job related experience is required.

Education High School diploma or equivalent.

Required Testing

As required for position

Continuing Educ. / Training

Lockdown Procedures
Disinfecting Procedures
Chemicals
Pesticides/Herbicides
Fire Extinguisher
Bomb Procedures

Certificates & Licenses

Valid Class C drivers license and evidence of insurability

Clearances

Criminal Justice Fingerprint/Background Clearance
TB Clearance

FLSA Status

Non Exempt

Approval Date

11/10/2005

Salary Grade

Unit I 49