



FLSA: NON-EXEMPT
Section: Facilities and Maintenance
Class: Supervisor
Salary Schedule: S-8

ZANJERO III (Sr. Zanjero)

REPORTING RELATIONSHIP:

Reports to: Zanjero Crew Chief

Supervises the following positions: May supervise Zanjero Trainee, Zanjero I, and Zanjero II, in the absence of crew chief.

DEFINITION:

Advanced Journeyman level position. Under general direction, assists and trains Zanjeros in the delivery of irrigation water to agricultural customers, manage lower valley recharge and Regulatory; maintain water delivery records, and crop census. Performs more advanced Zanjero duties such as line marks, lower valley recharge operations, communications with farmers, contractors, and developers, and assists where needed with regards to water ordering, delivery and conservation. Fill in for Zanjero Crew Chief.

DISTINGUISHING CHARACTERISTICS:

May be scheduled to work evenings from 2:00 P.M. to 10:00 P.M. Will work weekends as needed. Take a leadership role with regard to water delivery, recharge, record keeping and supervisions. Performs standby duty as needed.

ESSENTIAL FUNCTIONS:

1. Perform all Zanjero runs and lateral regulatory duties.
2. Receive and record irrigation water delivery orders for agricultural customers. Create work orders in SunGard.
3. Work alone to make water deliveries by turning on and off water from the main canal to lateral and sub-lateral pipelines on a timely basis.
4. Set valves, checks meters, and measures water flow, making necessary adjustments to correct for surges, excess water, and low water levels. Also, confer with Supervisory Control to see if canal flows are set correctly and regulatory controls are being monitored.
5. Note equipment malfunctions on the delivery system, making immediate repairs where necessary or ensuring that repairs are completed by other District personnel.
6. Meet with farmers and irrigators to tactfully and courteously discuss water delivery problems and complaints. May make immediate adjustments to resolve complaints or refer the problem to Zanjero Crew Chief.
7. Manage Lower Valley (East Valley) Recharge facilities for water delivery and maintenance schedules.
8. Monitor irrigation & TLD-4 recharge facility delivery pumps, packing's and oil levels.
9. May respond to after hour call outs.

10. Accurately checks and updates delivery records on computer on a daily basis for meters and water users within a delivery area.
11. Send out re-checks for reads through Mobile Data Terminals.
12. Take a periodic crop census and maintains up-to-date information to anticipate future water delivery needs.
13. Conduct knowledge assessment proficiencies and performance evaluations for all Runs.
14. May Substitute for the Crew Chief in his absence. May be assigned different Zanjero II duties such as monitoring recharge facilities and perform all ordering and downloading procedures.
15. Perform relief work on all Zanjero runs.
16. Direct in the regulatory reduction.
17. Perform investigative work for claims on incident occurrences. Monitors and analyzes the irrigation canal and distribution system through SCADA and field investigations to ensure that District personnel and customers practice rigorous water conservation measures in the delivery and use of water.
18. Regularly monitors for tail water, documents incidents of water waste, and drafts letters to send to confirmed offenders.
19. Assist with mark and locates on irrigation lines, drains, and structures for construction and development purposes.
20. Perform other related duties and responsibilities as directed.

MINIMUM QUALIFICATIONS:

License or Certificates: Valid California Operators license issued by the Department of Motor Vehicles. Department of Motor Vehicles driving record may influence employment or classification. Possession of Department of Health Services Distribution II and Water Efficiency Grade I certificates are highly desired.

Education:

High School diploma or equivalent.

Experience:

Three (3) years of increasingly responsible experience within the Zanjero Department.

Knowledge of:

- Basic Principles of hydrography related to irrigation water distribution, canal systems, and lateral systems
- Knowledge of local agricultural crop characteristics, weather conditions, and water needs
- Principles of computerized control systems and SCADA
- Principles of operation of the irrigation system, tool and equipment usage, knowledge or area maps, plats, and geographical locations
- Safety procedures, District policies, practices and regulations
- Principles of supervision and training
- District regulations, policies, and procedures
- Microsoft Word, Excel, Outlook and SunGard
- In-depth operational understanding of all six Runs, and the locations of their related appurtenances and facilities

Abilities:

- Communicate effectively with others
- Use tools and equipment in a safe manner
- Follow and comprehend written and oral directions
- Work cooperatively with others

- Read meters accurately and input information into Computer Data Terminals
- Maintain accurate records and reports
- Make accurate mathematical calculations
- Maintain effective public relations by using professional customer service skills
- Follow an assigned route and deliver water on a timely basis

PHYSICAL REQUIREMENTS:

1. Open and close gate valves, surge gates, and canal gates by pulling, turning, or twisting with a torque in excess of 250 pounds.
2. Respond to emergencies during after-hours, weekends, and/or holidays. May have rotating schedules and have to work overtime when required.
3. Operate electrical equipment.
4. Work in extreme weather conditions.
5. May be subject to chemicals, dust, vapors, fumes, exhaust, insects, snakes, dogs and other types of farm animals.
6. Work on uneven ground surfaces.
7. Climb different types of ladders.
8. May have to lift upwards of 50 pounds.
9. Drive in excess of 100 miles per day on a regular basis.
10. Communicate on a two-way radio.
11. Work in confined spaces.
12. Operate Mobile Data Terminals and associated equipment

See Human Resources for physical assessment form.