

Water Distribution Mechanic



Reports To: Water Distribution Supervisor

Supervises Directly: N/A

Departments Supervised through Subordinates: N/A

Pay Grade: 54

FLSA Status: Non-Exempt

Salary Range: \$23.45 - \$38.82 hourly, depending on qualifications and experience

Closing Date: June 17, 2026

Purpose of the Position

Performs hands-on field work on the Authority's water distribution system, including the repair, maintenance, and installation of potable water mains, service lines, valves, hydrants, and meters. Works as part of a distribution crew under the direct supervision of the Water Distribution Supervisor and the daily field direction of the Water Distribution Foreman.

Serves on the Authority's emergency on-call rotation and responds to after-hours emergencies affecting the distribution system.

Essential Functions

The following duties are normal for this position. The omission of specific statements of the duties does not exclude them from the classification if the work is similar, related, or a logical assignment for this classification. Other duties may be required and assigned.

System Maintenance & Testing

- Exercise and maintain distribution valves and hydrants; perform system flushing; assist certified operators with system shutdowns and isolations
- Perform night-time unidirectional flushing at the direction of the Water Distribution Superintendent
- Perform fire line testing and related system testing
- Install and test backflow prevention assemblies and assist with backflow-related field activities
- Locate and mark water mains and valves; respond to underground utility locate requests (Sunshine State One Call / 811)
- Repair and perform maintenance on fire hydrants.

Field Operations & Work Execution

- Repair water mains; install and repair service lines between mains and customer premises
- Install, test, and repair service taps, service lines, meters, backflow preventers, and fire hydrants
- Install and program water meters, including AMR/AMI meters and registers
- Participate in excavation, trenching, pipe installation, and trenchless installations

- Solder copper pipe and fittings and perform related pipe-joining tasks
- Pour sidewalk and complete asphalt and concrete restoration following repairs
- Assist with disinfection, flushing, and clearance of new and repaired mains before they are returned to service

Emergency Response & On-Call Requirements

- Participate in the Authority's emergency on-call rotation and respond to emergencies on a 24-hour, 7-day basis as required
- Respond to water main breaks, service outages, and system failures
- Be available to work during and immediately after weather events, natural disasters, and other emergency conditions

Tools, Equipment & Vehicles

- Operate and maintain assigned tools, equipment, and Authority vehicles
- Account for materials and verify that required parts, tools, and personal protective equipment are on hand and serviceable for assigned work

Coordination & Communication

- Communicate with the Foreman, Supervisor, crew members, and the public, including by two-way radio
- Report planned and unplanned service interruptions to the Foreman or Supervisor for relay to Customer Service
- Document completed work, materials used, and field conditions for entry into the Authority's asset management and GIS systems

Safety Management

- Use required safety equipment and follow all Authority safety rules, including trench-safety and maintenance-of-traffic (MOT) requirements
- Identify and correct unsafe conditions; report unsafe equipment or conditions to the Foreman or Supervisor; stop work when conditions are unsafe
- Remain safety conscious and exercise good judgment at all times

General Responsibilities

- Be available for scheduled and unscheduled on-call assignments as required
- Maintain a professional appearance and represent the Authority in a positive manner
- Perform other job related duties as assigned

Knowledge, Skills, and Abilities

- Working knowledge of water distribution system operation, components, and repair methods
- Mechanically inclined and familiar with the tools and equipment of the trade
- Ability to read and interpret construction plans, system maps, and as-builts
- Knowledge of applicable safety practices, including trench safety and maintenance of traffic (MOT)
- Knowledge of two-way radio use
- Ability to use a computer or tablet for service orders and field documentation
- Able to perform physically demanding tasks in hot and humid environments for extended periods
- Ability to deal effectively and courteously with the public and co-workers

Physical and Work Requirements

- Field work outdoors with no effective protection from weather (approximately 75% or more of the time outside)
- Lift up to 50 lbs maximum, with frequent lifting and/or carrying of objects weighing up to 25 lbs
- Walking, standing, stooping, kneeling, crouching, crawling, reaching, climbing, and bending to a significant degree
- Enter, exit, and re-enter Authority vehicles; operate Authority vehicles and equipment
- Work in confined spaces such as valve vaults and meter boxes
- Exposure to traffic, noise, vibration, and the hazards associated with distribution maintenance

Qualifications

Minimum:

- High School Diploma or equivalent
- Florida Driver's License in good standing
- FDEP Level 3 Water Distribution Operators License, or the ability to obtain within 18 months
- Backflow Prevention Technician certification, or the ability to obtain within 18 months
- Any equivalent combination of education, experience, and training may be considered

Preferred:

- Prior water distribution, underground utility, or pipefitting experience
- Familiarity with asset management, work order, or GIS systems
- FDEP Class III Water Distribution Operator License
- CDL License

Seacoast Utility Authority is an Equal Opportunity Employer. In compliance with the Americans with Disabilities Act, the Authority will provide reasonable accommodations to qualified individuals with disabilities and encourages both prospective and current employees to discuss potential accommodations with the employer.

Employee Name: _____ Employee Number: _____

Signature: _____ Date: _____