

# Production Technician I

**Company:** Manville Water Supply Corporation

**Location:** Coupland, Texas

**Status:** Full-time, Hourly

**Job Category:** Water Production & Plant / Facility Operations, Maintenance & Supply

**Relevant Work Experience:** 1 year in the water industry preferred

**Career Level:** Entry Level

**Education Level:** High School diploma or GED required

**Job Description:** This is a full-time, hourly position that reports directly to the Production Supervisor.. The person in this position is expected to possess or gain the knowledge and skills necessary to operate and maintain a modern groundwater treatment plant, well site and booster stations. Work includes; assisting in monitoring sites and various treatment facilities, testing and monitoring water quality, flushing, operation of the SCADA system, perform routine and non-routine maintenance on chemical feed equipment, pumps, motors and valves, and troubleshoots equipment as necessary. Persons employed in this position will be required to acquire knowledge of water treatment practices, policies, regulatory rules, and operation of the SCADA system. The Production Technician I will perform other duties as required & be available for on-call weekend and after-hours assignments.

## License Requirements:

Must possess a valid Texas Driver's License

Must obtain a valid Texas Ground Water Operator License "C" Class within 3 years of employment

Texas Commercial Driver's License (CDL) preferred

## Requirements:

- \* Must be 21 years of age with at least 3 years driving experience
- \* Must be physically capable of operating a vehicle safely, possess a valid Texas Driver's License and are eligible to be insured with the company insurance automobile plan
- \* Must obtain required license(s) within the timeframe allotted for continued employment
- \* Ability to maintain confidentiality
- \* Must be available for on-call weekend and after-hours assignments
- \* Experience working in the water supply and distribution field or relevant experience
- \* Ability to operate heavy equipment such as a backhoe
- \* Understand and follow oral and written instructions in the English language
- \* Ability to operate electronic devices, i.e. laptop computer, tablet, cell phone, etc.
- \* Bend or stoop repeatedly or continually over time to repair or replace water lines or meters
- \* Must be available via company provided cell phone while on-call and during all scheduled working hours
- \* Will be subject to unannounced alcohol and drug testing as a condition of continued employment
- \* Learn job-related material through oral instruction and observation or through structured lecture in an on-the-job training setting or in a classroom
- \* Make continuous or repetitive arm-hand movements to make repairs to the water distribution system
- \* Make fine, highly controlled manipulations of objects
- \* Coordinate the movement of more than one limb simultaneously to operate equipment
- \* Lift arms above shoulder level

# Production Technician I

- \* Climb steps to get into and out of equipment
- \* Travel across rough, uneven or rocky surfaces
- \* Move heavy objects (50 pounds or more) long distances (more than 20 feet)
- \* Set up and remove barricades, traffic cones or similar objects

**Working Conditions:** Work in water distribution requires; exposure to water, chemicals, hazardous materials, noise, and heavy lifting in excess of 50 lbs., moving, standing and climbing. May work at heights, in confined spaces and in inclement weather conditions

## Job Responsibilities:

- \* Be in compliance and familiar with all TCEQ rules and guidelines
- \* Be in compliance and familiar with all OSHA rules and guidelines
- \* Ensure the security of all sites, vehicles, tools & equipment on a daily basis
- \* Under supervision, the ability to operate and maintain the water treatment facilities as required by state, and federal guidelines
- \* Assist in monitoring all equipment, gauges and meters at regular intervals, making adjustments as needed and recording data
- \* Assist in monitoring and trouble shooting the VTS SCADA System
- \* Understand the methods, techniques and operational characteristics of mechanical equipment used in general public works, construction and maintenance
- \* Assist in monitoring chemical supplies, change chemicals as required and record data
- \* Assist with testing water volume and pressure; Collect water samples for chlorine residual, bacteriological and other tests as directed
- \* Be familiar with operating procedures, preventive and corrective maintenance procedures, and safety procedures for the following; meters, flushing equipment, pumps, motors and generators, pipes and joints, and valves and fittings
- \* Assist with conducting and follow required wastewater plant permit requirements and testing
- \* Have knowledge of leak detection procedures
- \* Have knowledge of critical safeguards of the distribution system
- \* Be familiar with the disinfection procedures: steps involved in sampling for coliform bacteria; relationship between chlorine dosage, demand and residual and significance of each
- \* Understand the hazards of chlorine gas, operating procedures, preventative and corrective maintenance procedures
- \* Understand the startup and shutdown procedures and safety procedures for chlorinators and other disinfection equipment
- \* Understand how to solve problems involving dosage and detention time
- \* Assist with routine repairs and adjustments to motors, pumps and other equipment
- \* Assist in maintaining all electrical components in proper working order
- \* Have a sound knowledge of safety issues regarding electrical and basic mechanical systems
- \* Basic knowledge of electrical/mechanical components and the ability to troubleshoot same
- \* Assist in maintaining and inspecting all plant equipment at regular intervals
- \* Identify and report potential problems to your Supervisor

# Production Technician I

- \* Oversee well repair/service as requested by your Supervisor
- \* Assist with inspecting, flushing, cleaning and performing minor to major repairs of water lines and laterals
- \* Assist in monitoring water quality and direct flushing projects as necessary
- \* Have knowledge of the Installation of Booster Pumps
- \* Assist, inspect and report to Supervisor on new plant upgrades
- \* Identify equipment needed and report to Supervisor for plant upgrades
- \* Adhere to safety standards; working safely without presenting a direct threat to self or others
- \* Ensure cleanliness of water facilities and clean equipment as necessary
- \* Ensure that sites/plant is ready for inspection at all times
- \* Assist with dead end flushing monthly and turn in reports to supervisor
- \* Identify and report potential problems to your Supervisor
- \* Operate and maintain a water service truck. Conduct vehicle preventative maintenance inspections and schedule service as needed
- \* Demonstrate continuous effort to improve operations, decrease turnaround times, streamline work processes and work cooperatively and jointly
- \* Report any accident immediately to your Supervisor
- \* Knowledge of methods, materials, tools, equipment and practices used in repairing and installing water mains and related fittings
- \* Be aware of the hazards inherent in water distribution maintenance work and the safety measures required to do the job safely
- \* Use and care for properly, any hand tools or equipment used in the installation, maintenance and repair of the water distribution system
- \* Maintain all furnished equipment in a clean orderly manner and inspect routinely
- \* Keep proper and complete written records as directed by MWSC and TCEQ
- \* Assist in obtaining monthly well readings
- \* Ensure that all completed records are filed monthly with MWSC Office Staff
- \* Work independently in the absence of supervision
- \* Be familiar with various types of cross-connections and have general knowledge of backflow-prevention assemblies

This job description is a general description of this position and does not/will not contain all duties that will be assigned. As an employee of MWSC, you are expected to perform duties to the best of your ability and to perform duties as assigned.

## Benefits

Health, dental & life insurance, 401K plan, paid holiday, vacation & sick leave, longevity (after 5 years) & annual bonus.

**MWSC is an equal opportunity provider & employer**

Interested candidates should submit a one-page cover letter, job application and resume as follows:

By mail to Manville Search Committee, P. O. Box 248, Coupland, Texas 78615

By electronic mail to [hrcoordinator@manvillewsc.org](mailto:hrcoordinator@manvillewsc.org)