



Utility Plant Technician Trainee

Class Code:
U9280 GS 048

CITY OF EL PASO
Established Date: Jul 28, 2023
Revision Date: Sep 10, 2023

SALARY RANGE

\$15.40 - \$25.50 Hourly
\$1,232.31 - \$2,040.00 Biweekly
\$2,670.00 - \$4,420.00 Monthly
\$32,040.00 - \$53,040.00 Annually

FLSA:

Non-Exempt

MINIMUM QUALIFICATIONS:

Education and Experience: High School Diploma or GED, and completion of the Success Through Technology Education (STTE) Foundation (6-week) training course and completion of the El Paso Water (EPW) Basic Water or Wastewater training course.

Licenses and Certificates: Valid Texas Class "C" Driver's License or equivalent from another state by time of appointment. Class "D" Water or Wastewater Operators License issued by the State of Texas required within six (6) months of appointment.

Note - Upon successful completion of a six (6) month El Paso Water on-the-job training program, the trainee will be hired to a regular Utility Plant Technician position.

GENERAL PURPOSE:

Under immediate supervision, this classification will serve as a training classification in the operation, maintenance and repair of water or wastewater treatment systems and equipment.

TYPICAL DUTIES:

Attend and successfully complete classroom sessions and field training to gain knowledge, skills, and abilities necessary to perform the duties of the Utility Plant Technician. Involves: Attend classroom training to learn how to monitor and control water and wastewater treatment processes and equipment. Learn the principles and practices of water and wastewater monitoring and control treatment processes. Learn to monitor laboratory tests of water or

wastewater and ensure samples are taken and tested in accordance with Federal and State regulations. Assist in taking water or wastewater samples at various stages of processing.

Attend field training to learn the proper operation of gauges, meters, pumps, motors, chemical feeders, automatic control devices or other equipment. Involves: Learn the techniques to perform installation, preventative maintenance and repair of treatment systems and complex equipment. Learn to assist in repair of pumps, motors, aeration systems, chlorinators, chlorine dioxide generators, multiple chemical feeders, or similar mechanical equipment. Learn to inspect machinery for proper operation and to detect faulty parts. Learn the process to replace parts using hand tools. Learn how to perform minor electrical or mechanical repairs including basic welding. Learn to utilize computer databases to store sampling results, schedule, and record shift activity. Perform other job duties as assigned.

KNOWLEDGE, SKILLS, AND ABILITIES:

- Application of some knowledge of operation, maintenance, and repair of various mechanical and electromechanical equipment.
- Application of some knowledge of water/wastewater treatment plant operation, control, maintenance and repair processes and procedures.
- Application of some knowledge of federal, state, and local water and wastewater treatment regulations governing water/wastewater treatment plant processes and water quality.
- Application of some knowledge of occupational health and safety rules and regulations for safe work practices and procedures.
- Application of some knowledge of various kinds of water treatment equipment operation including aeration systems, chlorinators, chlorine dioxide generators and multiple chemical feeders.
- Application of some knowledge of chemicals and compounds such as those used in water treatment fluoridation, chlorination, or other processes.
- Ability to interpret technical manuals, blueprints, and schematics to install, calibrate, adjust and set a variety of meters, gauges and laboratory equipment.
- Ability to interpret oral, written, mathematical, and regulatory information dealing with water plant operation and laboratory testing of water, environmental and occupational health, and safety standards.
- Ability to safely operate, care and handle tools, power tools, technical laboratory equipment and hazardous chemicals.
- Ability to establish and maintain effective working relationships with coworkers, officials, contractors, regulatory agencies, and the general public.
- Ability to communicate clearly and concisely both orally and in writing to assist in the preparation of daily activity logs, laboratory records and reports.

OTHER JOB CHARACTERISTICS:

- Regular bending, stooping, climbing, lifting, and carrying of moderately heavy objects (up to 55 pounds).
- Frequent exposure to extreme weather conditions, hazardous chemicals, toxic fumes, high voltage, moving machinery and equipment, hazardous chemicals, fumes, and materials common to water treatment plants.
- Work a rotating shift schedule including weekends and holidays.
- Occasional work in confined spaces.

- Occasional work at heights of up to 200 feet.

CLASSIFICATION STATUS:

(HR 07/28/2023)., (HR 09/10/23)