

## Job Description Maintenance Technician

### General Definition

A Maintenance Technician is an hourly position at the WWTP. Primary responsibilities include preventative maintenance, troubleshooting and repair of a variety of WWTP equipment. This position reports directly to the Chief of Operations & Maintenance.

### Job Tasks and Responsibilities

- Perform all preventative maintenance on a variety of WWTP equipment, machinery and related facilities; identify equipment maintenance needs; record equipment readings accurately
- Inspect and evaluate performance of WWTP equipment in order to recommend PM tasks.
- Conduct routine mechanical and electrical maintenance on equipment including lubrication, inspection and replacement of parts
- Diagnose, troubleshoot, and repair malfunctioning plant equipment; pumps, motors, aeration blowers, compressors, chemical feed pumps/controls, belt filter press, valves, gauges and gearboxes.
- Troubleshoot and repair electric motors, variable frequency drives and associated equipment.
- Troubleshoot variety of control equipment such as liquid level sensors, chlorine sensors, DO sensors, etc... throughout the facility.
- Participate in the installation of treatment equipment; participate in modifying equipment for increased performance.
- Mechanical ability to replace bearings, seals and packing for a variety of equipment.
- Mechanical ability to operate pumps, valves, electric motors, gas motors, gas pumps.
- Troubleshoot and repair hydraulic, and pneumatic equipment
- Reads, maintains and repairs gauges and meters to ensure the proper operation of wastewater systems
- Participate in tank and equipment cleaning
- Adhere to safe work practices and procedures including but not limited to lockout/tag out and confined space entry regulations.
- Perform other tasks as assigned by the Chief of O&M

### Required Knowledge, Skills and Abilities

- Possess a valid PA driver's license
- High School diploma or equivalent
- 5 years of WWTP maintenance experience or equivalent industrial maintenance experience
- Ability to establish and maintain effective working relationships with coworkers and management
- Read and understand technical prints, technical O&M manuals, mechanical and electrical drawings
- Basic computer skills plus ability to learn data management software programs used for facility maintenance
- Able to perform manual labor consistent with the wastewater treatment industry and work in all weather conditions
- PA DEP Wastewater Treatment Plant Operator's License Class AE, Subclass 1 preferred but not required