

# Treatment Plant Class III Operator



## General Summary of Classification:

Performs routine work assisting with the ongoing monitoring and operation of various equipment, chemicals, and processes at the assigned plant; assigned duties are performed with guidance and supervision under the license provision of any chain of command Class I license holder performs related work as required. The Class III Operator will be assigned to the County's Water Treatment Plant or the County's Water Reclamation Facility.

## Examples of Primary Tasks, Duties and Responsibilities (TDR):

*NOTE: This is not a job description. The following examples are intended to be illustrative of the nature and scope of TDR that are typically assigned to positions in this job classification. Examples below are not all comprehensive. Actual assigned TDR may vary based on operational needs.*

Second level in approved CDP; proficiently performs all duties routinely assigned trainees plus:

- Safely and accurately completes rounds, inspects flows, processes and treatment areas, monitors the operation and performance of treatment equipment, recognizes and reports unusual conditions and the need for adjustments;
- Competently makes routine adjustments in the field and uses SCADA for remote monitoring, running, restarting, and making routine adjustments to equipment, chemical feeds, and flows with minimal oversight to ensure process integrity and ongoing compliance with all permit and regulatory requirements;
- Receives chemical deliveries properly, includes ensuring all required documentation is provided and created;
- Properly performs required sampling and testing, includes accurately documenting results;
- Accurately creates, enters and maintains all required records and documentation as assigned;
- Performs and assists with basic housekeeping and maintenance duties in all areas of the plant and process areas;
- Utilizes all required personal protection equipment (PPE) and other required safety equipment and measures at all times;
- Perform wide array of other duties specific to the assigned Treatment Plant (*refer to the current CDP for additional duties*).

## Knowledge, Skills and Abilities (KSA) Typically Required:

- **Occupation-specific:** Sound working knowledge and understanding of plant operations, treatment processes, chemicals utilized in the treatment process and related sampling and testing procedures; sound understanding of permit parameters and environmental regulations critical to maintaining permit compliance; sound working knowledge of the science and interrelatedness of treatment processes; sound understanding of flow capacities, analysis, setpoints and impact of adjustments; sound math skills to perform accurate calculations; ability to accurately compile, log, analyze, trend and report data from various sources; basic troubleshooting and problem solving skills; sound working knowledge of the hazards associated with the treatment process, relevant safety rules/regulations, personal protection equipment (PPE) and other required safety equipment, and accident-prevention practices.
- **Technical:** Sound computer skills with the ability to use computer, typical business software, proprietary software and systems including SCADA, and various wireless technologies for communications and to complete assigned tasks.
- **Interpersonal, Communication and Customer Service:** Sound verbal and written communication skills; establishes and maintains effective working relationships; demonstrates personal accountability and professional integrity; excellent collaborative skills; must work well independently and as part of a team.
- **Decision-making and Authority:** Work is performed under the direction of a supervisor, shift lead or principal operator.
- **Leadership:** Non-supervisory. May assist with training and providing guidance to Class III Operators and Trainees .
- **Environment:** Works in a treatment plant and ancillary buildings; routinely works round and with industrial scale treatment process equipment; routinely exposed to loud noise, smells, chemicals and other adverse indoor and outdoor conditions including extreme weather and temperatures. Serves as essential personnel required to work during County closings.
- **Physical:** Visual and hearing acuity sufficient to ensure the safety of self and others; visual acuity sufficient to accurately monitor processes, equipment and readings; physical ability sufficient to safely perform assigned duties, lift 50 lbs., stand and walk for long periods of time without break, and operate equipment in varying indoor and outdoor conditions.

## Minimum Education and Experience:

**Education:** High school diploma or GED;

**Experience:** Two (2) years of relevant experience at a Class 3 facility or higher;

**OR:** Any equivalent combination of experience and training which provides the necessary knowledge, skills and abilities.

## Other Requirements (License, Certifications, Training, etc.):

- Must be at least 18 years of age with no felony convictions preferred, any felony convictions must be disclosed and must comply Virginia Code Section 18 VAC 160-30-60.
- Maintains a Virginia Class III License applicable to the assigned Treatment Plant and a valid driver's license.
- Requires the ability to work a flexible schedule including days, nights, weekends and holidays as scheduled or required.
- See current Career Development Plan (CDP) for additional information on job duties and KSA requirements.
- Criminal history record check and fingerprinting of all employees in authorized and hourly safety sensitive positions.
- Successful completion of required NIMS ICS training courses.