

# Treatment Plant Class II Operator



## General Summary of Classification:

Performs responsible work monitoring and operating various equipment, chemicals and processes with minimal supervision and under the license provision of any chain of command Class I license holder; performs related work as required. The Class II 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.*

Third level in approved CDP; proficiently performs all duties routinely assigned to Class III operators plus:

- Safely and accurately completes rounds, makes regular inspections of flows, processes and treatment areas, monitors the operation and performance of treatment equipment, identifies the need for adjustments, makes routine adjustments;
- Accurately operates process controls and equipment in each area to optimize and maintain the effectiveness of treatment processes and flows and ensure ongoing compliance with all permit and regulatory requirements, makes more complex adjustments with guidance under the license provision of any chain of command Class I license holder;
- Competently uses SCADA to monitor, operate and adjust equipment and flows with minimal oversight;
- Monitors data, recognizes trends, uses trend data to troubleshoot and make adjustments to optimize systems/processes;
- Completes PMs independently;
- Accurately creates, enters and maintains all required records and documentation;
- Utilizes all required personal protection equipment (PPE) and other required safety equipment and measures at all times;
- Performs 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:** Advanced up-to-date knowledge and understanding of plant operations, treatment processes, and 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; sound critical thinking, 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:** Recognizes and reports trends and issues; identifies viable solutions and makes recommendations; implements approved solutions; appropriately seeks guidance and keeps supervisor informed.
- **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 II 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.

NOTE: This is a class specification and not an individualized position description. A class specification defines the general nature and scope of duties and responsibilities of positions in a job classification Class specs are not intended to describe and does not list all of the job duties and responsibilities that may be assigned to a specific position in a job classification.