

CLASS SPECIFICATION
County of Fairfax, Virginia

CLASS CODE: 6535

TITLE: PLANT OPERATOR III

GRADE: S-20

DEFINITION:

Under general supervision, serves as a skilled master level plant operator, on a 12 hour rotating shift, assisting in the management and supervision of the operation of a large 24/7 wastewater treatment plant; and performs related duties as required.

DISTINGUISHING CHARACTERISTICS OF THE CLASS:

This class performs skilled master level plant operator work and requires a Class II Wastewater Treatment Facility License.

ILLUSTRATIVE DUTIES:

(The illustrative duties listed in this specification are representative of the class but are not an all inclusive list. A complete list of position duties and unique physical requirements can be found in the position description.)

Oversees and monitors equipment and/or treatment process station to ensure the proper treatment of wastewater;

Monitors process flows and other conditions through visual observations and through use of computers, meters, charts, signal indicators, and alarms, and adjusts plant equipment and processes as necessary;

Collects samples of wastewater and sludge at prescribed stages and time intervals, performs basic tests, analyzes results and recommends adjustments;

Takes lead role in spill situations;

Makes recommendations on night shift, as to whether problems are handled, fixed, diverted, or delayed until the day shift personnel/specialists are available;

Coordinates with other shifts/functions at beginning of shift to determine problems and status of all equipment;

Prepares and maintains records of plant operations and submits reports such as equipment malfunctions, recommends corrective actions and equipment repair needs;

Serves as shift supervisor in the shift supervisor's absence;

Plans, assigns and oversees the work of more junior operators as well as daily training of the new operators;

Responsible for compliance with safety standards and regulations on the assigned shift and work station;

Performs work in a safe manner according to all regulations, participates in safety training, and reports unsafe conditions.

REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES:

(The knowledge, skills and abilities listed in this specification are representative of the class but are not an all inclusive list.)

Working knowledge of the principles and operation of wastewater treatment;
Working knowledge of the biological, chemical, and physical processes of wastewater treatment;
Ability to analyze and evaluate operational process performance and to select appropriate actions;
Ability to make prompt and sound operating decisions in emergency situations;
Knowledge of appropriate operational responses to emergency situations;
Basic knowledge of the practices, methods, material, and tools of the mechanical trades related to the maintenance of treatment plant equipment;
Ability to maintain accurate records and write accurate reports;
Ability to plan and supervise the work of subordinate employees;
Knowledge of occupational hazards and applicable safety practices.

EMPLOYMENT STANDARDS:

Any combination of education, training, and experience equivalent to the following:
Graduation from high school, or a GED issued by a state department of education and six years of related experience.

CERTIFICATES AND LICENSES REQUIRED:

Must have and maintain a Class II Wastewater Treatment Operator's certification issued by the Commonwealth of Virginia within one year of appointment.
Must have and maintain a valid Motor Vehicle Driver's License.

NECESSARY SPECIAL REQUIREMENTS:

Subject to 24 hour call back and must, therefore, be able to work emergency overtime.
Subject to working in adverse weather conditions and may be exposed to raw waste.

REVISED:

June 19, 2009

REVISED/RETITLED:

April 10, 2009

REVISED:

February 25, 2003