

**CLASS SPECIFICATION**  
**County of Fairfax, Virginia**

**CLASS CODE:** 6548

**TITLE:** PLANT MECHANIC II

**GRADE:** S-18

**DEFINITION:**

Under general supervision, serves as a skilled journey level plant mechanic performing skilled preventative and corrective mechanical work for a large 24/7 wastewater treatment plant, geographically dispersed pumping stations, and flow metering stations throughout the County; and performs related duties as required.

**DISTINGUISHING CHARACTERISTICS OF THE CLASS:**

This class serves as a journey level plant mechanic.

**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.)*

Inspects and performs maintenance and repair on various types of specialized machinery located in wastewater pumping stations including centrifugal, piston, and diaphragm pumps, electric motors, blowers, gasoline & diesel engines, generators, air compressors, comminutes, trash grinders and other screening equipment;  
May identify or assist in identifying parts using equipment diagrams and repair parts lists;  
Performs minor plumbing and electrical work;  
Performs general maintenance tasks such as wet well cleaning, grounds keeping, and routine building maintenance;  
Maintains records of work required, work performed, and materials used;  
Trains and may oversee the work of Plant Mechanic I or Maintenance Trade Helper;  
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.)*

Knowledge of the methods, tools and equipment used in mechanical maintenance and repair work;  
Knowledge of maintenance and repair procedures used in wastewater treatment, pumping station and flow metering equipment;  
Ability to observe plant equipment and determine whether it is operating effectively;  
Ability to complete minor electrical and plumbing repairs as necessary;  
Ability to read, understand and follow manufacturers' service and repair manuals;  
Ability to keep records and write work-related reports;  
Ability to train entry level Plant Mechanics;  
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 three years of mechanical experience.

**CERTIFICATES AND LICENSES REQUIRED:**

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:	April 21, 2009
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REVISED:	September 28, 1995