

**STATE OF OHIO (DAS)  
CLASSIFICATION  
SPECIFICATION**

<b><u>CLASSIFICATION SERIES:</u></b> Plant Maintenance Engineer	<b><u>SERIES NO.:</u></b> 5455
<b><u>MAJOR AGENCIES:</u></b> Mental Health, Mental Retardation/ Developmental Disabilities, Rehabilitation & Correction, Youth Services	<b><u>EFFECTIVE DATE:</u></b> 01/09/2005

**SERIES PURPOSE:**  
The purpose of the plant maintenance engineer occupation is to oversee operation & maintenance of power plant & related systems.  
  
At the first level, incumbents act as assistant. At the second level, incumbents are independently responsible for entire power plant operation.  
  
This class does not supervise powerhouse operations only. See Stationary Engineer Supervisor.

<b><u>CLASS TITLE</u></b>	<b><u>CLASS NUMBER</u></b>	<b><u>PAY RANGE</u></b>	<b><u>EFFECTIVE</u></b>
Plant Maintenance Engineer 1	54551	09	06/22/1990

**CLASS CONCEPT:**  
The first supervisory level class works under general direction & requires considerable knowledge of stationary engineering & supervision in order to assist Plant Maintenance Engineer 2 in overseeing operations of power plant & related systems & supervise power plant & maintenance personnel.

<b><u>CLASS TITLE</u></b>	<b><u>CLASS NUMBER</u></b>	<b><u>PAY RANGE</u></b>	<b><u>EFFECTIVE</u></b>
Plant Maintenance Engineer 2	54552	11	01/09/2005

**CLASS CONCEPT:**  
The second supervisory level class works under general direction & requires considerable knowledge of stationary engineering & supervision in order to oversee entire operation of power plant & related systems & supervise power plant & maintenance personnel.

<u>CLASS TITLE</u>	<u>CLASS NUMBER</u>	<u>B. U.</u>	<u>EFFECTIVE</u>	<u>PAY RANGE</u>
Plant Maintenance Engineer 1	54551	EX	06/22/1990	09

**JOB DUTIES IN ORDER OF IMPORTANCE: (These duties are illustrative only. Incumbents may perform some or all of these duties or other job-related duties as assigned.)**

Assists Plant Maintenance Engineer 2 in overseeing operation of power plant & related systems (e.g., waste water treatment system, water plant, refrigeration system) & supervises power plant & maintenance personnel.

Oversees & performs repairs & maintenance on power plant & related equipment.

Prepares various records & reports (e.g., work schedules; operation schedules & plant procedures; part & supply inventory; daily & monthly operation reports; coal & water usage; pollution control; yearly budget & quarterly requisitions; specifications for new parts or equipment &/or repairs).

**MAJOR WORKER CHARACTERISTICS:**

Knowledge of safety practices associated with operation of power plant; supervisory principles/techniques; stationary engineering; power plant operation. Skill in operation & maintenance of power plant & related equipment. Ability to understand practical field of stationary engineering; understand technical manuals & prepare technical reports; establish friendly atmosphere as supervisor; stand, walk or bend for long periods of time; use limbs, fingers or hands to operate equipment, machinery or tools; lift up to 50 pounds.

(\*)Developed after employment.

**MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT:**

Stationary engineer license pursuant to Section 4739.05, Revised Code; 12 mos. exp. as licensed stationary engineer; 6 mos. trg. or 6 mos. exp. in supervisory principles/techniques.

If position oversees water system or wastewater works, also requires certificate of class at least equal to that required by water system or wastewater works classification pursuant to Rule 3745-7-02, Environmental Protection Agency.

-Or equivalent of Minimum Class Qualifications for Employment noted above.

**TRAINING AND DEVELOPMENT REQUIRED TO REMAIN IN THE CLASSIFICATION AFTER EMPLOYMENT:**

Annual renewal of stationary engineer license.

**UNUSUAL WORKING CONDITIONS:**

Exposed to loud noise, dust, high temperatures; may be exposed to inmates; may be on call weekends or 24 hrs. per day.

<u>CLASS TITLE</u>	<u>CLASS NUMBER</u>	<u>B. U.</u>	<u>EFFECTIVE</u>	<u>PAY RANGE</u>
Plant Maintenance Engineer 2	54552	EX	01/09/2005	11

**JOB DUTIES IN ORDER OF IMPORTANCE: (These duties are illustrative only. Incumbents may perform some or all of these duties or other job-related duties as assigned.)**

Oversees entire operation of power plant & related systems (e.g., waste water treatment system, water plant, refrigeration system) & supervises power plant & maintenance personnel.

Plans & directs alterations, remodeling &/or equipment modification in power plant or to related systems; analyzes mechanical deficiencies & arranges for contractual repairs; oversees work performed by contractors.

Prepares various records & reports (e.g., work schedules; orders supplies & parts; yearly & quarterly budgets; time records; daily, weekly &/or monthly reports).

**MAJOR WORKER CHARACTERISTICS:**

Knowledge of safety practices associated with operation of power plant; supervisory principles/techniques; manpower planning\*; stationary engineering; power plant operation. Skill in operation & maintenance of power plant & related equipment. Ability to understand practical field of stationary engineering; write instructions, specifications & reports relating to plant maintenance & power generating equipment; establish friendly atmosphere as plant supervisor; stand, walk or bend for long periods of time.

(\*)Developed after employment.

**MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT:**

Stationary engineer license pursuant to Section 4739.05, Revised Code; 18 mos. exp. as licensed stationary engineer; 12 mos. trg. or 12 mos. exp. in supervisory principles/techniques.

If position oversees water system or wastewater works, also requires certificate of class at least equal to that required by water system or wastewater works classification pursuant to Rule 3745-7-02, Environmental Protection Agency.

-Or equivalent of Minimum Class Qualifications for Employment noted above.

**TRAINING AND DEVELOPMENT REQUIRED TO REMAIN IN THE CLASSIFICATION AFTER EMPLOYMENT:**

Annual renewal of stationary engineer license.

**UNUSUAL WORKING CONDITIONS:**

May be on call weekends or 24 hrs. per day; exposed to high temperatures & loud noise; may be exposed to inmates.