

City of Salem
CLASS SPECIFICATION

CLASS TITLE: Wastewater Treatment Plant Operator 2
DEPARTMENT: Public Works/Willow Lake Water Pollution
Control Facility
REPORTS TO: WTP Operations Supervisor

CLASS CODE: 0553
FSLA: N
DATE: 10/1/2004

Job Summary:

This is journey level work responsible for the operation and routine maintenance of a wastewater treatment plant on an assigned shift. Work includes maintaining and controlling the processes involved in the operation of the plant. Work is performed independently and is performed consistent with Wastewater Treatment Plant Operator Class II certification.

Essential Job Functions

(All functions may not be performed by all incumbents.)

1. Operates equipment of a wastewater treatment plant including pumps, comminutors, clarifiers, boilers, digesters, sludge pumps, blowers, aerators, chlorinators and control panels. Performs some routine laboratory analyses of wastewater and sludge samples. Observes variations in operating conditions and interprets meter and gauge reading and test results to determine processing requirements.
2. Orients less experienced operators to Salem wastewater treatment plant operations and processes. Advises supervisor of less experienced operator's progress.
3. Maintains plant operation records, diagnoses equipment malfunctions, takes remedial action, and reports problems to a supervisor.
4. Performs routine maintenance functions and custodial duties.
5. Performs other related work as required.

MATERIAL AND EQUIPMENT USED:

Radio
Computer
Calculator
Miscellaneous office automation equipment

MINIMUM QUALIFICATIONS REQUIRED:

Education and experience:

Experience in wastewater treatment plant operations, including plant using the activated sludge treatment; graduation from high school; or any equivalent combination of experience and training that provides the knowledge and abilities as defined below.

Licenses and Certificates:

Current Oregon Class III Driver's License.
Class II Oregon Wastewater Treatment Certification

KNOWLEDGE AND ABILITIES:**Knowledge of:**

- The machinery, equipment, materials and operating procedures of modern wastewater treatment plant.
- Operation of mechanical and electrical equipment.
- Standard tests and chemicals used in testing and treating wastewater.
- Hazards and safety precautions applicable to the work.

Ability to:

- Make accurate gauge and meter readings and maintain operational records.
- Diagnose equipment and malfunctions and take corrective action.
- Perform mathematical computations
- Comprehend technical written materials
- Explain plant operations both orally and in writing
- Establish and maintain effective working relationships with other departments, employees and with the public.
- Meet City driving standards.
- Consistently adhere to work schedules set by the supervisor.

Physical ability to:

- Work in all weather conditions, and among strong scents.
- Walk, sit, stoop, bend.
- Lift weights safely up to 50lbs.
- Effectively handle small and large hand tools.

While performing the duties of this job, the employee is frequently exposed to adverse weather conditions; near moving mechanical parts; vibrations; exposure to fumes, airborne particles, chemicals, works in high precarious places and occasionally exposed to wet conditions.

The noise levels in the work environment are usually moderate, except during some maintenance duties when noise levels may be louder. Work involves exposure with safety precautions to sewage, dust, dirt, solvents, cleaners, lubricants, and other chemicals related to work assignments.

The above statements are intended to describe the general nature and level of work being performed by employees assigned this classification. They are not to be construed as an exhaustive list of all job duties or roles performed by personnel so classified. It is as well intended to be compliant with the Americans with Disabilities Act.