

RESOLUTION NO. 90-139

A RESOLUTION OF THE LODI CITY COUNCIL
APPROVING THE REVISED CLASS SPECIFICATIONS
FOR WASTEWATER PLANT OPERATOR I/II

RESOLVED, that the Lodi City Council does hereby approve the revised class specifications for Wastewater Plant Operator I/II as shown on Exhibit A attached hereto and thereby made a part hereof.

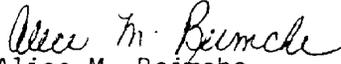
Dated: September 5, 1990

I hereby certify that Resolution No. 90-139 was passed and adopted by the City Council of the City of Lodi in a regular meeting held September 5, 1990 by the following vote:

Ayes: Council Members - Olson, Pinkerton, Reid and Snider (Mayor)

Noes: Council Members - None

Absent: Council Members - Hinchman


Alice M. Reinche
City Clerk

WASTEWATER PLANT OPERATOR I/IIDEFINITION:

Inspects, operates, and maintains the wastewater treatment facility. Assists with or is responsible for daily operational controls and monitoring of plant processes. Performs corrective and repair work on plant systems; performs general maintenance work at plant facility. Positions in this class rotate shifts. This is a flexibly staffed class series in that I level positions may reasonably expect to progress to the II level with training, experience, appropriate certificates, and satisfactory performance.

DISTINGUISHING CHARACTERISTICS:

Wastewater Plant Operator I: This is the entry level for the plant operator class series. It is distinguished from the Operator II level in that it performs the more routine operator tasks and, under the guidance of the Operator II, progressively performs the more technically complex tasks.

Wastewater Plant Operator II: This is the journey level of the plant operator class series. Positions in this class possess extensive technical knowledge on plant operations, systems, and processes. It is distinguished from the Operator I level by the extent of technical knowledge and responsibility exercised for plant operations. Positions in this class generally are filled from the I level.

SUPERVISION RECEIVED AND EXERCISED:

Wastewater Plant Operator I - Receives immediate supervision from higher level positions, progressing to general supervision with training and experience.

Wastewater Plant Operator II - Receives general supervision from the Chief Wastewater Plant Operator.

EXAMPLES OF DUTIES:

Duties may include, but are not limited to, the following:

Inspects plant operations daily; operates and checks the operation of wastewater equipment, such as pumps, valves, electric motors and filters; oils, greases, and cleans equipment; cleans, adjusts and repacks valves and pumps; cleans and adjusts bar screens; regulates operation of oxidation tanks, including alternative and sludge recirculation; at prescribed intervals, operates lagoons, belt filter press and pumps transferring sludge to digester; reads gauges and makes adjustments to operating controls in order to maintain proper condition of digester in accordance with prescribed procedures; maintains, operates, and adjusts chlorination/dechlorination equipment; checks and adjusts wasting rates and return sludge rates.

Performs some lab tests and interprets results for purposes of plant control; collects samples for tests.

Performs preventative maintenance and repair work on plant equipment.

Maintains grounds and plant building.

Checks treatment ponds.

Instructs subordinate personnel in plant operations.

Sets and monitors alarm systems; maintains plant security.

Performs related duties as required.

EXHIBIT A

MINIMUM QUALIFICATIONS:

Knowledge of:

The operation and routine maintenance of mechanical equipment, including pumps and electric motors.
Basic tools, equipment and methods used in maintaining stationary power equipment, pumping systems and electrical systems.
Basic wastewater treatment processes and the tests used to check the effectiveness of such processes.

Ability to:

Read and interpret gauges and recording devices reflecting plant operations.
Perform mechanical repairs, maintenance work, and modification to equipment used in a wastewater treatment plant.
Use various mechanic's tools with skill and accuracy.
Learn standard laboratory tests.
Understand and carry out oral and written instructions.

EDUCATION AND EXPERIENCE:

Any combination equivalent to experience and education that would likely provide the required knowledge and abilities would be qualifying. A typical combination is:

Wastewater Plant Operator I

Education: Completion of high school or its equivalent.

Experience: One year of experience in water or wastewater systems or maintenance and repairs to pumps and motors.

Licenses and Certificates

Persons entering this position are expected to immediately obtain an O.I.T. Certificate and within 24 months a Class I Operator's Certificate from the State Water Resources Control Board.

Possession of a valid Driver's License from the California Department of Motor Vehicles.

Wastewater Plant Operator II

In addition to the requirements of the Wastewater Plant Operator I:

Knowledge of:

Principles and methods of wastewater treatment, including basic microbiology, chemistry, and hydraulics as applied to wastewater treatment.
Mechanics of pumps and motors.
Purposes and uses of tools and equipment used in the overhaul, repair, adjustment, and modification of plant equipment.
Chemical and biological tests used in monitoring wastewater treatment plant processes.

Ability to:

Perform technical procedures in plant operation.
Inspect plant operations and detect problems.
Perform lab tests in plant monitoring.
Maintain and repair plant facilities and equipment.
Exercise sound judgment in response to operational problems.
Maintain records accurately and neatly.
Communicate clearly and concisely.

Education and Experience:

Education:

Completion of high school or its equivalent.
Completion of courses on wastewater treatment.

Experience:

Two years experience in the operation and maintenance of treatment plants or related field.

Licenses and Certificates

Possession of a Grade I Operator's Certificate in Wastewater Treatment from the State Water Resources Control Board. Persons assuming this position are expected to obtain a Grade II Certificate within 18 months.

Possession of a valid California driver's license (Class C) issued from the Department of Motor Vehicles.

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