

**CITY OF CARLSBAD
CLASS SPECIFICATION**

JOB TITLE: **SANITATION SYSTEM OPERATOR I
SANITATION SYSTEM OPERATOR II
SANITATION SYSTEM OPERATOR III**

DEPARTMENT: **UTILITIES**

BASIC FUNCTION:

Under general supervision to perform scheduled and unscheduled repairs and maintenance: check, survey and rebuild pump station mechanical and electrical equipment, structures, and grounds: and to perform other related work as assigned.

DISTINGUISHING CHARACTERISTICS:

Sanitation System Operator I is the entry level class in this operations series. Incumbents learn and perform a variety of duties in operation, maintenance, and repair of the sanitation pump stations and related facilities. Usually works directly with a journey or lead level worker.

Sanitation System Operator II is the journey level class in this series. Incumbents perform a full range of operation, maintenance, and repair of the sanitation pump stations and related facilities. This class is distinguished from the Operator III level, who has on-going lead responsibility for the work of the sanitation operations.

Sanitation System Operator III is the lead level in this class series, assisting in providing direction to a crew(s) and performing a variety of the most responsible and skilled maintenance assignments. This level is distinguished from the Sanitation System Supervisor, who is responsible for the sanitation operations and is classified as a management level position.

KEY RESPONSIBILITIES:

Tests, troubleshoots, services, repairs, rebuilds, installs and aligns pump station motors, pumps and air compressors.

Operates various air, electric and hand tools to remove, repair and install pumps, motors and related equipment.

Disassembles and inspects pump station mechanical and electrical equipment to determine extent of damage, cause of damage, and required repairs: recommends methods to prevent reoccurrence of future failures and recommends improvements to preventative maintenance schedule.

Repairs and paints equipment, pipes, tanks, and structures.

Responds to emergency calls, may work varying hours, weekends, holidays, days off and perform stand-by duty as needed.

Uses safe work practices and procedures, appropriate safety precautions and equipment.

Sanitation System Operator III:

Directs and assigns work to crews in supervisor's absence, including training and evaluating work.

Monitors work in progress at the worksite, directs corrections and modifications as appropriate.

Estimates and secures tools, materials and equipment required for assigned jobs.

Discusses work to be performed with supervisors and assigns tasks to individual crew members.

Maintains records of work performed and materials used.

Prepares a variety of written records and reports related to the work.

May be assigned to coordinate work assignments with other divisions.

Responds to questions and requests as appropriate.

Performs special projects and all other duties as assigned.

QUALIFICATIONS:

Knowledge of:

Sanitation System Operator I/II/III:

- Methods, materials, tools and equipment used in the operation, maintenance and repair of sanitation pumps and facilities.
- Operation and maintenance of a wide variety of hand and power tools and equipment.
- Safe work methods, regulations and equipment pertaining to the work.

Sanitation System Operator III:

- Basic supervisory principles and practices.

Ability to:

- Perform skilled operation, maintenance and repair work on sanitation pumps and facilities.
- Operate and maintain a variety of hand and power tools and equipment used in the work.
- Operate and maintain assigned vehicles in a safe and skilled manner.
- Maintain effective working relationships, understand and follow oral and written instructions.
- Observe safe work methods, regulations, and equipment.
- Perform heavy physical labor.
- Ability to withstand exposure to varying weather conditions, work in wet and/or odorous areas and work in confined areas, tanks and structures.
- Independently diagnose malfunctions and problems and make quick, accurate repairs and responses.
- Direct the work of other subordinates, including training and evaluating work procedures.
- Maintain accurate records of work performed, hours, materials used and related reports.

EXPERIENCE AND EDUCATION:

Any combination equivalent to experience and education that could likely provide the required knowledge and abilities is qualifying.

Sanitation System Operator I:

Equivalent to graduation from high school and six months experience in construction or maintenance work.

Sanitation System Operator II:

In addition to the above, a minimum of two years of recent experience in the maintenance, repair and service of pumps, motors and other related equipment typical of a sewage pump station.

Sanitation System Operator III:

In addition to the above, two years of journey level experience in the maintenance, repair, and service of sanitation pump stations, comparable to the Sanitation System Operator II level.

SPECIAL REQUIREMENTS:

Sanitation System Operator I/II/III:

Must possess a Valid California Class C Driver's License.

Sanitation System Operator I:

Possession of a California Water Environment Association Collection Systems Maintenance Certificate Grade I is highly desirable.

Within the first year of appointment must obtain the following:

California Water Environment Association Mechanical Technologist Certificate Grade I;
and

Valid California Class B License with tanker endorsement.

Sanitation System Operator II:

Possession of a California Water Environment Association Collection Systems Maintenance Certificate Grade II is highly desirable.

Must possess the following:

Valid California Class B License with tanker endorsement; and

California Water Environment Association Mechanical Technologist Certificate Grade II.

Sanitation System Operator III:

Possession of a California Water Environment Association Collection Systems Maintenance Certificate Grade III is highly desirable. Must attend Supervisors Training within first year of appointment.

Must possess the following:

Valid California Class B with tanker endorsement; and

California Water Environment Association Mechanical Technologist Certificate Grade III.

PHYSICAL REQUIREMENTS:

Work may be performed outdoors in all weather conditions with exposure to traffic and other hazards. Operators must be physically able to stand, stoop, bend, lift and maintain awkward body positions for prolonged periods of time in order to perform work on pumps, motors and related equipment. Work may be performed in confined space which may expose the employee to hazardous atmosphere conditions. Use of respirators prohibits full beards and facial hair that may interfere with proper fit. Must be able to handle, including lift, carry or manipulate heavy equipment and other material up to 100 pounds with assistance from others and/or lifting equipment. Must be available to work overtime and to respond to emergency calls and work varying hours, including weekends, holidays, unscheduled days, and perform "stand-by" duty as assigned.

DATE APPROVED: June 21, 2011