



P.O. Box 846 • Lindsay, CA 93247 • Phone: (559) 562-2581 • Fax: (559) 562-3882 • www.lsid.org

CLASS TITLE

Chief Pump Operator

SALARY RANGE:

\$48,069-\$69,389/yr

UNDER REVIEW

DEFINITION

To perform skilled work in the maintenance and operation of the District's facilities and equipment including but not limited to; water pumping and disinfection systems, pumps, motors, chlorination facilities, Supervisory Control and Data Acquisition (SCADA) systems, related light and medium duty electrical control systems, testing equipment, associated building maintenance, tanks, reservoirs; to ensure the accuracy of metering and testing equipment; to ensure accurate and timely record keeping; perform scheduled building housekeeping and maintenance tasks, ensure subordinate staff are properly trained.

SUPERVISION RECEIVED AND EXERCISED

Receives direction from the Operations Manager. Exercises supervision and provides direction to Pump Operator I, Pump Operator II, or any other employee assigned to work in the Pump Operations Division, either full or part time.

CLASS CHARACTERISTICS

The Chief Pump Operator classification is a single position that functions as a member of the supervisory staff of the District. The Lindsay-Strathmore Irrigation District is divided into three (3) major functional areas: Administration, Pump Operations, Field Maintenance and Meter Reading. The incumbent is responsible for directing and managing the day-to-day administration of the Pump Operations Division.

The Pump Operation Division consists of the following pumping and storage facilities:

- Trauger Pumping Plant
- El Mirador Booster Facility
- Section 24 Booster Facility
- Tonyville Surface Water Treatment Plant
- Wutchumna Pumping Facility
- All District water supply wells;
 - North Lindsay Heights
 - South Lindsay Heights
 - North Section 8
 - South Section 8
 - Stark
 - "G" Avenue
- Steel Tank
- El Mirador Main Reservoir
- Saddle Reservoir

EXAMPLE OF DUTIES

Examples of Essential Duties - Duties may include, but are not limited to, the following:

- Operate various pumping systems to ensure proper pressure and reservoir levels are maintained pursuant to the appropriate operations manuals and Standard Operating Procedures (SOPs);
- Perform preventative and scheduled maintenance following the manufacturer and District maintenance schedules;
- Possession of an appropriate, valid California Class C driver's license at the time of appointment to operate District owned vehicles to travel to remote facilities;
- Read and record charts, gauges, meters, and associated systems; Record accurate weather information for submission to the National Weather Service;
- Record data related to turbidity, chlorine residual, chemical dosages, water flow, water level, and related systems;
- Completes and submits reports as required by various regulatory agencies including but not limited to; the State Water Resources Control Board (SWRCB), Department of Drinking Water (DDW), Environmental Protection Agency (EPA), Occupational Health and Safety Agency (OSHA), County of Tulare;
- Program, troubleshoot, operate, and control the District's Supervisory Control and Data Acquisition (SCADA) system;
- Supervise subordinate employees in the safe and efficient operation of the District's pumping facilities and chemical delivery systems;
- Ensures employees are properly trained in all areas of pump operation, chemical delivery, vehicle and equipment operations, and related workplace safety requirements;
- Creates work schedules for the Pump Operations staff and provides shift coverage as needed due to emergent issues, employees on leave, vacancies, etc.;
- Assist the Operations Manager and General Manager in the development of the annual capital improvement and operations budgets;
- Assist the Operations Manager and General Manager in the design and oversight of facility upgrade and new construction projects;
- Performs annual performance evaluations and makes recommendations for advancement of subordinate staff;
- Ensures subordinate staff adhere to the personnel policies of the District and makes recommendations for discipline or corrective measures as needed;

- Install, replace, maintain, and troubleshoot components of pumping facilities including pumps, motors, valves, tanks, chemical delivery systems, sensors, high and low voltage wiring, lubrication, cathodic protection, and other related systems;
- Loads, unloads, prepares, and changes chlorine chemical tanks;
- Loads and unloads freight trucks as needed;
- Pull, disassemble, repair, assemble, and reinstall all pumps as required;
- Installs, replaces, tests, and calibrates various chemical injection and water testing equipment;
- Ensures routine maintenance tasks related to the operations of the pumping facilities and buildings including weed removal and spraying, vegetation maintenance, pest spraying, painting, and cleaning all areas of the buildings are completed as needed;
- Collects water samples and completes related paperwork;
- Attends various meetings as required;
- Build and maintain positive working relationships with co-workers, subordinates, other District employees and the public using principles of good customer service;
- Foster an environment that embraces diversity, integrity, trust, and respect;
- Be an integral team player, which involves flexibility, cooperation, and communication;
- Perform related duties as assigned;

QUALIFICATIONS

- Advanced knowledge of the function, characteristics and operating principles of equipment and machinery related to the District's water supply system;
- Advanced practices and techniques of preventative maintenance, troubleshooting, and repair of low and high voltage electrical systems;
- Advanced knowledge of electrical testing procedures;
- Advanced knowledge of the distribution system, its operations, and location of its facilities;
- Intermediate/advanced knowledge of the use of electrical testing tools and equipment;
- Advanced practices and techniques of preventative maintenance and repair of water pumping systems;

- Advanced practices and techniques of preventative maintenance and repair of gas chlorination systems;
- Intimate knowledge of pertinent ordinances, policies, regulations, and standards related to the maintenance of water supply systems;
- Intermediate/advanced computer programming and troubleshooting skills;
- Standard operating procedures for mitigating major and minor chlorine leaks;
- Safe use of common hand and power tools;
- Advanced arithmetical calculations;
- District policies, standards and procedures related to the operation of pumping facilities;
- Proper safety and compliance methods typically used in a water treatment facility;
- Safe work practices;

Working Conditions:

- Subject to various shift work including emergency shift coverage;
- Subject to emergency call back, stand-by;
- Frequently move items weighing fifty (50) pounds indoors and outdoors;
- Frequent exposure to extreme outdoor conditions including heat, cold, sunshine, rain, and snow over extended and prolonged periods of time;
- Exposure to chlorine, paint, grease, diesel fuel, gasoline, oil, mastic compounds, and other chemicals;
- Exposure to noise;

Ability to:

- Intermittently, review and evaluate documents related to District operations; observe, identify and problem solve complex pumping and chemical delivery operations; understand and interpret standard operating procedures; assist subordinate staff in the operations of the pumping facilities.
- On a continuous basis at any facility;
 - walk, sit, or stand for long periods of time, indoors and outdoors;
 - walk on uneven terrain periodically;
 - climb ladders, stairs, and other ascending apparatus as needed;

- intermittently bend, twist, and reach to operate or repair equipment;
- perform simple grasping and fine manipulation;
- use telephone, radio, telemetry, and computer systems;
- write or use a keyboard to communicate through written means;
- frequently lift or carry items weighing 50 pounds;
- Observe and record numbers; read maps, plans, blueprints, and schematics;
- Utilize hand and power tools safely and appropriately;
- Use sound judgment in recognizing scope of authority;
- Operate and use modern office equipment including computers and applicable software;
- Maintain regular attendance and adhere to prescribed work schedule to conduct job responsibilities;
- Utilize appropriate safety procedures, wear proper personal protective equipment (PPE), and observe appropriate safety practices for assigned duties;
- The ability to communicate information and ideas so others will understand. Must be able to exchange accurate information effectively;
- Relate effectively with people of varied academic, cultural, and socio-economic backgrounds using tact, diplomacy, and courtesy;
- Establish and maintain effective, cooperative, and collaborative working relationships with others;

Experience and Education:

- Any combination of experience and education that would provide the required knowledge and abilities is qualifying. A typical way to obtain the required knowledge and abilities would be:

Experience:

- A minimum of three (3) years of experience equivalent to a Pump Operator or Senior Pump Operator at the Lindsay-Strathmore Irrigation District;
- A minimum of three (3) years of experience in mechanical, electrical, underground pipeline construction, plumbing, or related discipline;

Education:

- Equivalent to the completion of the twelfth grade;
- Additional coursework directly related to water distribution and water treatment;
- Coursework in Computer and/or Programmable Logic Controller (PLC) programming and operations is highly desired;

License and Certificate

- Possession of a current Grade II Water Treatment Operator Certification or higher issued by the State Water Resources Control Board at the time of appointment;
- Possession of a current Grade II Water Distribution Operator Certification or higher issued by the State Water Resources Control Board is highly desired.

Disaster Service Workers

All Lindsay-Strathmore Irrigation District employees are designated "Disaster Service Workers" through state and local laws (CA Government Code Sec. 3100-3109). As Disaster Service Workers, all District employees are expected to remain at work, or to report for work as soon as practicable, following a significant emergency or disaster whether natural, manmade, or war-caused which results in conditions of disaster or in extreme peril to life, property, and resources.