

**MERCED IRRIGATION DISTRICT  
CHEMICAL TECHNICIAN APPLICATOR**

FLSA STATUS – Non-Exempt

Bargaining Unit – IBEW, Local 1245

Classification Level – Per IBEW Wage Schedule

**DEFINITION**

Under general supervision, operate spray equipment, trucks, mowers, sprayers; perform or assist in simple field repairs and adjustments and service to said equipment; perform related work as required.

**ESSENTIAL FUNCTIONS OF THE POSITION:**

- Under general supervision, spray and burn ditches.
- Ensure ditches are in proper condition and free of excessive weed and rodent growth.
- Operates equipment such as mowers, trucks, sprayers, pickup trucks, and similar light automotive equipment.
- Apply weed and rodent abatement material as needed.
- Makes judgments and decisions regarding application of spray materials during adverse or windy conditions.
- Supervises an assistant on spray truck.
- Operates pumps.
- Cleans pipelines, mows ditches in clearing grass, weeds and brush to insure proper water flow.
- May assist in overall maintenance activities as required.
- Supervise and be part of a work crew engaged in the spraying, mowing, and burning of grass and brush on District canals and ditches.
- Documents daily work on time sheets and/or computer software.
- Makes decisions regarding spray applications during adverse weather conditions.

**KNOWLEDGE AND ABILITIES**

**Knowledge of:**

- Equipment, tools, and practices used in the maintenance of irrigation systems.
- Mechanical aptitude.
- Various pesticides and rodent abatement chemicals and how to properly apply.
- Safe work practices.

**Ability to:**

- Learn the operational and mechanical principles of Chemical application procedures.
- Operate light automotive equipment.
- Write daily field reports.
- Work well with the public and fellow employees.
- Understand and carry out written and oral directions.

**SPECIAL REQUIREMENTS**

- Possession of an appropriate California Driver's License.
- A Department of Motor Vehicles "Driver Record Information" print-out will be required at time of hire. Must be enrolled in District's DMV pull-notice program.
- Possession of a current qualified applicator's certificate.

## CHEMICAL TECHNICIAN APPLICATOR

- Requires current Class B license with hazard endorsement. If the successful candidate does not possess the required license it will be necessary to obtain and maintain the license within ninety (90) calendar days.

### **MINIMUM QUALIFICATIONS**

#### **EDUCATION**

Any combination of education and experience equivalent to completion of high school.

#### **EXPERIENCE**

One (1) year of experience in general maintenance or construction work.

#### **TYPICAL PHYSICAL ACTIVITIES**

The physical and mental demands of this position are described below. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions of the position.

- Operates District vehicles and equipment used in construction, maintenance, and repair work.
- Must be able to push, pull, reach, and lift equipment and parts weight up to 50 pounds.
- Stoops, kneels, crouches, crawls, and climbs during field maintenance and repair work.
- Works in an environment with exposure to dust, dirt, and/or weed abatement chemicals, and significant temperature changes between heat and cold.
- Communicates orally with District staff in face-to-face, one-on-one settings.
- Regularly uses a telephone and radio for communication.
- May sit or stand and walk for extended time periods.
- Hearing, vision, and eye-hand coordination sufficient to operate heavy equipment foot and hand controls and to maintain good awareness during maintenance and construction jobs.

Sitting:	Remains in a seated position for up to eight (8) hours per day
Hands/Arms:	Operates vehicles and delivery gates for up to eight (8) hours per day
Lifting:	Raises and lowers supplies and equipment up to fifty (50) pounds.
Stooping:	Bends body downward and forward by bending at the knees or waist
Talking:	Expresses ideas and shares information by means of spoken work in person and by telephone.
Hearing:	Hears well enough to receive communications in person and by telephone.
Vision:	Operates vehicles and office equipment.

#### **ENVIRONMENTAL FACTORS:**

- Exposure to the sun: 90% or less work time spent outside a building and exposed to the sun.
- Irregular or extended work hours: Per the current Memorandum of Understanding (M.O.U.).
- Work performed in an outside environment with exposure to dust, dirt and significant temperature changes between heat and cold.

#### **ESSENTIAL MENTAL ABILITIES:**

- Exercise independent judgment.
- Self directing and organized.
- Reason objectively.
- Assess, project and plan work activities on a daily and weekly basis.
- Document concisely, accurately and timely.