STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION

POSITION DUTY STATEMENT

PM-0924 (REV 7/2014)

CLASSIFICATION TITLE	OFFICE/BRANCH/SECTION	
CALTRANS EQUIPMENT OPERATOR II	07/MAINTENANCE/NORTH	
WORKING TITLE	POSITION NUMBER	EFFECTIVE DATE
CALTRANS EQUIPMENT OPERATOR II L/S MTC.	6286	07/2014

As a valued member of the Caltrans team, you make it possible for the Department to provide a safe, sustainable, integrated, and efficient transportation system to enhance California's economy and livability. Caltrans is a performance-driven, transparent, and accountable organization that values its people, resources and partners, and meets new challenges through leadership, innovation and teamwork.

GENERAL STATEMENT:

Working under the supervision of a Caltrans Maintenance Supervisor, incumbents operate specified vehicles requiring a Class A California Commercial Driver's License with a minimum of tank endorsement identified as Category 1 and Category 2 equipment used by assigned unit, license will be valid and unrestricted; works individually or with a crew performing tasks related to landscape maintenance work; maintains functional and landscape plantings; weed and insect control; soil sterilization; mixing and applying chemicals and performs general laboring tasks associated with the maintenance of the State Highway system. Employee may be assigned as a dedicated operator on specialty equipment. The incumbent will be required to work overtime, work irregular shifts/alternate work schedules including nights, holidays and weekends; may be required to work temporary and/or intermittent varied work shifts and required to respond to emergency situations and calls. May be loaned to other cost centers. This position is represented under collective bargaining.

Possession of a CAL-DPA Qualified Applicators Certificate is desirable. Duties include, but are not limited to:

TYPICAL DUTIES:

Percentage	Essential (E)/Marginal (M)[1]	Job Description
40%	E	Operate Category 1 and Category 2 equipment used by the assigned unit such as 3000 gal tanker, towable 250 gal spray rig and/or 1000 gal spray rig. Makes minor repairs, adjustments, emergency repairs; performs lube service; cleans equipment and maintains all pertinent records.
40%	E	When not operating the specified equipment, accomplish tasks normally performed by the assigned unit. Such tasks may include, but are not limited to, support for court assigned individuals, mixing/applying chemicals for weed and insect control, irrigation repair/installation, tree/shrub pruning, power tool operation (chain saw-edger-pole saw etc.), mowing, ditch cleaning, clean culverts, traffic control, litter pick up, maintenance of roadside rests,
15%	E	Works on traffic control, sets and picks up lane closure, traffic cones, flares, and advance work signs; acts as a flag person; operates the pilot car, backup truck, and lane closure truck; operates a two-way radio.
5%	M	Record Keeping and Reporting: Crew report forms, pre and post operative equipment checks, fuel purchases/usage, material/inventory usage reports.

[1]ESSENTIAL FUNCTIONS are the core duties of the position that cannot be reassigned.
MARGINAL FUNCTIONS are the minor tasks of the position that can be assigned to others.

SUPERVISION OR GUIDANCE EXERCISED OVER OTHERS

No direct supervision. Employee may at any time be placed in charge of a work crew as the responsible person in charge per Chapter VIII over , Special Program Workers, such as California Conservation Corps, probationers, etc.

KNOWLEDGE, ABILITIES, AND ANALYTICAL REQUIREMENTS

Must have knowledge of materials, methods, equipment, and tools used in highway maintenance and construction;

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RESPONSIBILITY FOR DECISIONS AND CONSEQUENCES OF ERROR

Error may expose co-workers and/or the public to possible injury or loss of life. Error may also cause a waste of time and tax dollars through extra expense in the maintenance of highways, or damage to State equipment and facilities. State may also be liable for damages to public property.

PUBLIC AND INTERNAL CONTACTS

Required to maintain good relations with members of the public and employees from the same and other departments within Caltrans, as well as other agencies. May have contact with other public agencies and private individuals almost daily in the course of assignment. Contact may be with hostile public, and employee is expected to maintain a favorable public image for the State.

PHYSICAL, MENTAL, AND EMOTIONAL REQUIREMENTS

Much of this position is labor intensive. Employee must have physical ability to react quickly to errant motorist and do strenuous hand and mechanical labor.

Note: For standing, walking and sitting, along with several other activities, typical duties are used as examples in various situations to give ranges for the activities. Generally, activities can be broken down into operating equipment 45% of the time on a year-around basis.

The remainder of the activity is labor intensive and includes but is not limited to the following:

Standing, Sitting and Walking is described to equal 100% of the work time for a given period such as a work shift. The following are various situations and percentages given to illustrate typical ranges of time spent sitting, standing and walking:

Rainy day where worker is digging out clogged ditches and drains: Standing and walking using hand tools 40% each: Sitting and driving 50%.

Snowy day: Sitting and operating large trucks, loaders, motor graders and snow blowers 90%; walking and standing, checking out equipment, 10%

Chemical spraying: Standing and walking 95% of the day

Irrigation repair: Standing, bending, kneeling, twisting, operating truck 80% to 90% of day

Litter pickup/patrol: Lifting, walking and climbing in/out of vehicle 95% of day

Flagging/Pilot Car/Lane Closure Operations: Standing, twisting and turning, and sitting 95% of the day

Lifting (Floor to bench to Floor) – Items listed may be any of the following but not limited to: tire chains for vehicles which may weigh as much as 75 lbs. per chain. In the winter months these could be handled on an every day basis; a post driver which weighs approximately 60 lbs.; assist with the loading and unloading of a tire in a rim which can weigh over 75 lbs. Another example of lifting is shoveling material. Each shovel full lifted weighs approximately 15 lbs., and 1,000 to 1,500 lbs. of vegetation edgings per day, would normally be lifted. 80% of this lifting would be floor to waist and 20% lifted above the waist. Another type of lifting is light pickup – loading garbage bags with litter, tire carcasses and other debris from roadway which requires continuous bending and lifting.

Another type of lifting is light pickup – loading garbage bags with litter, tire carcasses and other small debris off of roadway, which requires continuous bending and lifting.

Incumbent should ask for assistance when moving items over 50 pounds.

Transport and/or carry – Bagged/boxed material, which may weigh 50 to 100 lbs., must be transported and/or carried from storage areas to vehicles and from vehicles to job sites, which may be on uneven terrain. Tools are carried a few feet to 100 yards and weigh a few ounces to 50 lbs. each. Tools carried include picks, hoes, rakes, hoses, signs, standards, flags, cones, guide posts, etc. and may be carried on uneven terrain.

Overhead reaching – Overhead work includes pulling yourself up into many types of equipment, pruning, holding up signs, servicing equipment on the lube hoist, signaling other workers, and throwing/loading material in equipment.

Other Reaching – Setting cones, lubing and checking equipment, raking, shoveling, driving, shifting, holding signs picking up cones; often done on a continuous basis, over 60% of the work shift.

Pushing/Pulling – Shoveling, opening doors, hooking up trailers; installing plows, sanders, kettles, pulling on hoses, working cranks on equipment stands; tightening and loosening nuts on bolts. Installing and removing tires and chains; pulling down on post drivers. Pulling brush and limbs, animal carcasses, pulling chains etc.

Twisting - The Operator twist while driving equipment and does so on a continuous basis, especially while backing up or turning around while operating a pilot car. Other twisting is done while dragging brush, shoveling, raking and setting down and picking up traffic cones.

Climbing/Balancing – Is done in and out of equipment, up and down banks/slopes, ladders, stairways, (often with a load of material or supplies); onto steps and walkways to do engine checks on equipment. One example would be to climb on a heavy equipment trailer to secure the load with chain binders; inspect and/or clean large storm drain facilities.

Bending/Crouching/Squatting/Crawling – The Operator often bends continuously throughout the day while operating equipment and performing physical labor. All of these activities are necessary when picking up and laying down tools and material. The employee also crawls around and underneath equipment while checking and servicing equipment, putting on or removing snow chains and tightening or replacing grader blades and other equipment parts.

Simple Grasping – This activity is necessary about 95% of the shift; climbing in/out and around equipment, operating equipment, using hand tools and handling materials.

Fine Manipulation – This occurs less than 2% of a day and usually while writing reports or manipulating the knobs and levers on the equipment. A higher percentage of the time would be saws or similar equipment.

Importance of hearing and sight – both are essential on the job because the operator must hear directions and equipment, and must see in order to perform his/her duty safely.

Hearing should be adequate with or without hearing aid to hear warning devices used for worker safety, i.e. look out alarm devices, including vehicle horns used to warn employees of eminent danger at the work site. As per Chapter 13 of the Caltrans Injury Illness Prevention Program Safety Manual.

Mental & Emotional: Must have the ability to develop and maintain cooperative working relationships; respond appropriately to difficult situations; recognize emotionally charged issues or problems; and cope with and respond to emergency situations such as traffic/weather conditions and other natural disasters. Will be required to deal tactfully and courteously with public and crew under stressful and possibly adverse conditions. Must be able to focus on precise work beyond the distractions of traffic, be emotionally stable, alert and aware at all times. Reason logically, draws valid conclusions, makes appropriate recommendations, and adopts an effective course of action. May need to determine amounts of materials and length of time to accomplish a job. This position is responsible for working cooperatively with team members and supervisors to identify innovations that will increase productivity reduce cost and maintain or improve quality. This position must adhere to the customer service standards set by his/her unit and provide high quality service to both internal and external customers.

WORK ENVIRONMENT:
Required to work in a wide range of sometimes extreme conditions, including heat up to 120 degrees, cold to –15 degrees, strong winds, rain, sleet, and snow.

During the winter months the workweek is normally 5/8-hour days. The scheduling of the 5/8 days is at the discretion of the Region Management. Employee may be scheduled to work the night shift as needed to meet operational needs with proper advance notice as per the Bargaining Unit 12, Memorandum of Understanding.

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May be requested to work scheduled and/or emergency overtime due to storms, callback, special work projects, or to meet operational needs. Overtime will be assigned per the Bargaining Unit 12, Memorandum of Understanding. .

Personal safety requirements include but are not limited to (as per Injury and Illness Prevention Program):

A. Appropriate footwear, in good and sturdy condition, must be worn.
B. Either long or short sleeved shirts provided by Caltrans, or a safety vest is to be worn over non-safety shirts or coats.
C. Long pants. No shorts or cutoffs.
D. Provided safety gear; hard hat, safety glasses, hearing protection devices, face shields, gloves, respirator, chaps, or other safety gear must be worn when required by the Department, including hazmat conditions and/or incidents when required.

WORK ENVIRONMENT

I have read, understand and can perform the duties listed above. (If you believe you may require reasonable accommodation, please discuss this with your hiring supervisor. If you are unsure whether you require reasonable accommodation, inform the hiring supervisor who will discuss your concerns with the Reasonable Accommodation Coordinator.)

EMPLOYEE (Print)

EMPLOYEE (Signature)	DATE

I have discussed the duties with, and provided a copy of this duty statement to the employee named above.

SUPERVISOR (Print)

SUPERVISOR (Signature)	DATE