

“This is only a **preview** of the exam questions. To take the actual exam, please refer back to the bulletin and click on the ‘Click here to go to the Internet Exam’ link at the bottom of the bulletin.”

Equipment Operator I & II

Caltrans

Training and Experience Evaluation

The California civil service selection system is merit-based, and eligibility for appointment is established through a formal examination process. The Caltrans Equipment Operator I & II examination consists of a Training and Experience Examination used to evaluate your education, training and experience.

This Training and Experience Examination is a scored component accounting for 100% of your rating in this examination. It is important to complete the questionnaire carefully and accurately. Your responses are subject to verification before appointment to a position.

Section 1: Task Ratings

Instructions:

Using the rating scale(s) provided below, you will rate your experience performing specific job-related tasks.

Respond to each of the following statements by indicating how the statement applies to you. You are required to respond to every statement by marking one option from the scale(s) provided.

In responding to each statement, you may refer to your FORMAL EDUCATION, FORMAL TRAINING COURSES, and/or WORK EXPERIENCE whether paid or volunteer.

ITEM #	Years of experience I have performed this task for: <ul style="list-style-type: none"> • More than 5 years • More than 3 years and up to 5 years • More than 1 year and up to 3 years • More than 6 months and up to 1 year • 0 to 6 months 	Frequency I have performed this task: <ul style="list-style-type: none"> • More than 60 times • At least 40 – 60 times • At least 21 – 40 times • At least 11 – 20 times • 1-10 times • 0 times
1	Operating vehicles requiring a Class A or B commercial driver’s license with a tank vehicle endorsement to operate equipment such as dump trucks, front loaders, mowers, and stripers trucks.	
2	Operating machine attachments such as loader buckets, back hoe, and skid steer to conduct repair work.	
3	Operating trucks with adjustable attachments (e.g., front plow, attenuator, towable pull brooms) to sweep debris from paved surfaces, and/or remove snow and ice.	
4	Operating hand tools such as shovels, lute, pitchforks to spread, smooth, level, or steel-reinforce concrete, stone, asphalt on roads, and/or landscaped areas.	
5	Distributing paving material to adjust paving finishing machine settings, material flow, and/or to indicate low spots for additional material.	
6	Operating emulsion or crack sealing kettles.	
7	Hauling sand, gravel, asphalt, and/or clay using dump trucks to job site areas to use for fill in washouts and/or repair highway shoulders.	
8	Spreading gravel and asphalt using hydraulic spreaders to fill washouts and/or repair travelway shoulders.	
9	Installing and/or repairing safety devices such as guardrails, shoulders, berms, markers, warning signals, snow fences to ensure safety measures are in place.	
10	Operating chainsaws for brush and tree removal.	

ITEM #	Years of experience I have performed this task for: <ul style="list-style-type: none"> • More than 5 years • More than 3 years and up to 5 years • More than 1 year and up to 3 years • More than 6 months and up to 1 year • 0 to 6 months 	Frequency I have performed this task: <ul style="list-style-type: none"> • More than 60 times • At least 40 – 60 times • At least 21 – 40 times • At least 11 – 20 times • 1-10 times • 0 times
11	Securing loads properly on equipment trailers.	
12	Loading and unloading equipment and materials from equipment trailers.	
13	Performing repairs and preventative maintenance on gas-powered equipment such as blowers, line trimmers, and chainsaws to ensure equipment runs properly and safely.	
14	Maintaining repair and maintenance records on equipment to ensure adequate recordkeeping.	
15	Cleaning and sharpening hand tools to ensure proper and safe operation.	
16	Spreading materials such as topsoil, sand, compost, tan bark, decorative rock, gravel, wood chips over ground using shovels and rakes to beautify landscape, protect plants, control weeds, minimize soil erosion, and/or to prepare soil for planting.	
17	Trimming bushes and hedges using hedge trimmers to maintain vegetation.	
18	Pruning trees utilizing saws and loppers.	
19	Operating tractors and loaders safely.	
20	Operating wood chippers and stump grinders.	
21	Digging trenches using shovels, trenchers, and tractor attachments to assist in the installation of drainage and/or irrigation systems.	
22	Operating computer-controlled irrigation systems to ensure landscaped grounds are properly irrigated.	
23	Plowing snow to ensure roads and pathways are free from snow and drivable.	
24	Removing objects and spills along roadways such as diesel, minor spill cleanup, and car batteries to properly dispose of in a safe manner.	

Section 2: Knowledge, Skills, and Abilities Ratings

Instructions:

Using the rating scale provided below, you will rate your experience in accordance to specific job-related knowledge and abilities.

Respond to each of the following statements by indicating how the statement applies to you. You are required to respond to every statement by marking one option from the scale(s) provided.

In responding to each statement, you may refer to your FORMAL EDUCATION, FORMAL TRAINING COURSES, and/or WORK EXPERIENCE whether paid or volunteer.

ITEM #	<p>Years of experience I have applied this knowledge or ability for:</p> <ul style="list-style-type: none"> • More than 5 years • More than 3 years and up to 5 years • More than 1 year and up top 3 years • More than 6 months and up to 1 year • 0 to 6 months
25	Knowledge of how to operate large vehicle equipment such as dump trucks, front loaders, mowers, and striper trucks in various weather and road conditions to transport materials and equipment to and from the job site.
26	Knowledge of methods used in maintaining and repairing roadways.
27	Ability to take basic measurements to determine dimensions.
28	Ability to use and maintain tools and equipment such as ladders, dollies, hammers, wrenches, screwdrivers, shears, loppers, tree saws, and wheel barrows.
29	Ability to properly and safely use various gasoline powered tools such as chain saws, leaf blowers, pole saw, hand held augers, string trimmer.
30	Knowledge of the proper use of personal protective equipment such as gloves, hard hats, safety vests, and safety eyewear to ensure the safety of oneself while performing work tasks.
31	Knowledge of the installation and repair of sprinkler systems such as control valves, controllers, sprinkler head, pipes, and flow sensors to ensure landscapes are properly watered.

Section 3: Physical Abilities for Caltrans Equipment Operator I & II

Instructions:

The following statements are physical abilities you may be required to perform on the job as a Caltrans Equipment Operator I or II.

Respond to each of the following statements by indicating whether or not you will be able to perform the task. You are required to respond to every statement by selecting Yes or No.

ITEM #	Physical Abilities Ability to perform this job requirement: <ul style="list-style-type: none"> • Yes • No
32	Performing duties requiring vision at dusk, low lighting and/or in inclement weather.
33	Maintaining balance on trailers, scaffolding, ladder, platforms, uneven terrains, and slopes.
34	Pushing and pulling various equipment such as dollies, hand trucks, lawn mowers, and wheel barrows to perform work duties.
35	Reaching overhead, to the side, and bending downward.
36	Using a ladder to climb up to 8 feet or higher following proper safety procedures.
37	Crawling to gain access underneath equipment to check and inspect equipment.
38	Lifting and carrying materials weighing 50 pounds or more for short distances without assistance and multiple times per day while using proper lifting techniques.
39	Moving logs, rocks, and/or debris using lifting and rigging equipment, including grip hoists, winches, pulleys, cables, or ropes.
40	Performing general manual labor such as digging, trenching, lifting, carrying, and loading.
41	Climbing in and out of a vehicle multiple times in a work day.
42	Standing for long periods of time to perform the duties associated with the job.
43	Sitting for long periods of time while driving a motor vehicle and/or operating equipment.

ITEM #	Physical Abilities Ability to perform this job requirement: <ul style="list-style-type: none">• Yes• No
44	Working in inclement weather conditions to properly perform duties related to job.
45	Working in hazardous situations such as high traffic volume/potentially life threatening to properly perform duties related to job.

Section 4: Additional Task Ratings for Caltrans Equipment Operator II

Instructions:

Using the rating scale(s) provided below, you will rate your experience performing specific job-related tasks.

Respond to each of the following statements by indicating how the statement applies to you. You are required to respond to every statement by marking one option from the scale(s) provided.

In responding to each statement, you may refer to your FORMAL EDUCATION, FORMAL TRAINING COURSES, and/or WORK EXPERIENCE whether paid or volunteer.

ITEM #	Years of experience I have performed this task for: <ul style="list-style-type: none"> • More than 5 years • More than 3 years and up to 5 years • More than 1 year and up to 3 years • More than 6 months and up to 1 year • 0 to 6 months 	Frequency I have performed this task: <ul style="list-style-type: none"> • More than 60 times • At least 40 – 60 times • At least 21 – 40 times • At least 11 – 20 times • 1-10 times • 0 times
46	Operating vehicles requiring a Class A commercial driver's license with a minimum of tanker endorsements to operate equipment such as fifth wheel trailer and vehicles over ten tons.	
47	Operating motor graders.	
48	Operating excavators and backhoes to maintain ditches, hammer concrete slabs in roadway, and/or repair banks.	
49	Inspecting maintenance equipment to identify mechanical problems and/or defects.	
50	Operating large snow removal equipment such as wing plows and rotary blowers to remove snow from travelways.	