



HEAVY EQUIPMENT OPERATOR

DEFINITION

The positions assigned to this classification operate heavy motorized equipment and perform the complex and difficult tasks in either the maintenance, and repair, ~~and construction~~ of public works ~~City infrastructure and~~ facilities or the maintenance of the Sanitation ~~Transfer~~ Station. Occupants of this classification are in the classified service.

SUPERVISION RECEIVED AND EXERCISED

Depending upon assignment, ~~The~~ positions assigned to this classification report to either a Street Maintenance Crew Leader, or a Sanitation-Solid Waste & Recycling Crew Supervisor. Responsibilities may include supervision of Maintenance Workers, Laborers and/or seasonal employees in the absence of the regularly assigned supervisor.

ESSENTIAL JOB DUTIES

The following tasks are essential for this position. Incumbents in this classification may not perform all of these tasks, or may perform similar related tasks not listed here.

1. Ensures job sites are set up in a safe manner including by maintaining the placement of traffic ~~cones~~ control devices to ensure proper traffic flow, ~~and the use of protective garments to reduce personnel accidents.~~
2. Repairs surface failures, utility cuts, and chuck holes in asphalt pavements. ~~Seals cracks in asphalt pavement by cleaning the cracks of foreign matter with an air compressor, filling the crack with an asphalt compound, and covering the asphalt compound with sand. Constructs, places and removes forms; places and ties reinforcing bars. Proportions and pours cement; screeds, tamps, floats, finishes and scores concrete. Operates~~ heavy motorized equipment within close proximity to motorized traffic. ~~a backhoe skillfully and within close tolerances to excavate trenches for sanitary sewer and storm drain collection systems. Backfills trenches.~~
3. ~~Operates a motor grader and heavy tractor to cut roads to line and grade. Operates a three axle dump truck to haul away dirt. Uses a heavy front-end loader to load the dump truck. Sweeps and hoses the area to promote a cleaner environment after debris is removed from the transfer station. Performs a daily safety checks and routine servicing of assigned of the heavy power driven~~ motorized equipment including fueling and lubrication of vehicles. ~~Performs maintenance, lubrication, and makes minor repairs to equipment. Identifies maintenance and repair needs and Reports necessary equipment repairs.~~ the need for maintenance or repair to his/her supervisor.
4. Performs related duties as assigned.

The following essential duties are specific to the designated assignment.

Maintenance Operations:

5. Repairs asphalt and concrete surfaces and sub-grade failures, and maintains alleys by operating motorized equipment including, but not limited to, backhoe, front-end loader, bobcat and dump truck with attachments, asphalt zipper and roller, water tanker truck or similar equipment.

6. Assists in the placement of concrete sidewalks, curbs, gutters and streets.
7. Operates heavy equipment in the public right of way. Delineates work zones to ensure pedestrian safety.
8. Uses hand and power tools including, but not limited to, root cutter, chain saw, vibration plate, air compressor/jack hammer, shovel, pick, broom or similar tools.

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Environmental Programs & Operations:

9. Removes debris from the transfer station by operating heavy refuse collection equipment including, but not limited to, mechanized loaders, front, side and rear loaders, roll off vehicles or similar equipment.
10. Maintains a clean environment at the transfer station by hauling away solid waste using motorized equipment such as front loaders and dump trucks. Sweeps and hoses area around the transfer station.
11. Operates heavy equipment at the transfer station or on public streets.

MINIMUM KNOWLEDGE, SKILLS AND ABILITY

Knowledge of:

- The ~~function, characteristics, and~~ proper use and care of tools, materials and heavy ~~power-driven road construction~~motorized equipment.
 - ~~Principles and methods of supervision.~~Safety procedures including the use of personal protective equipment.
 - ~~Functions, characteristics, and proper use and care of tools and materials used in the construction, maintenance, and repair of streets.~~Pre-trip procedures and commercial driver license requirements.
- ~~Safety procedures. Symbols and terminology used in work orders related to the maintenance, repair, and construction of streets and related appurtenances.~~

Skill and Ability to:

- Perform physically demanding work for lengthy and continuous periods of time.
- ~~Read and work from grade stakes and blueprints.~~Operate heavy ~~power-driven construction~~motorized equipment, in the maintenance, construction and/or repair of City infrastructure or facilities, including over the road and track type.
- ~~Record keeping and reporting requirements related to the daily activities of the crew.~~Utilize hand and power tools such as jackhammers, air compressors, chainsaws, shovels, rakes, and pickaxes.
- Read and understand work orders.
- Verbally communicate instructions and/or work details to supervisor, subordinates and others in the performance of job duties. ~~work accomplished to supervisors.~~

LICENSE AND CERTIFICATES

Depending upon assignment and equipment used, this classification requires:
Possession of a valid California class A driver's license or California class B driver's license without air

brake restrictions.

TRAINING AND EXPERIENCE

Any combination equivalent to training and experience that could likely provide the required knowledge, skills and abilities would be qualifying. A typical way to obtain the knowledge, skills and abilities would be: three years of experience in the operation of medium equipment such as backhoes, ~~and front,~~ side or rear loaders, sanitation vehicles or similar equipment.

PHYSICAL REQUIREMENTS AND WORKING CONDITIONS

- Require the mobility to stand, stoop, reach and bend. Require mobility of arms to reach and dexterity of hands to grasp and manipulate small objects.
- Perform work which involves the frequent lifting, pushing and/or pulling of objects which may approximate 75 pounds and may occasionally weigh up to 100 pounds.
- May be required to work in inclement weather without effective protection from sun, cold and rain.
- May be required to wear protective apparel including goggles, face protectors, aprons, shoes and oxygen breathing apparatus.
- May be required to work within enclosed spaces or at heights above ground level.
- May be required to work around loud noise.
- May be required to work around moving mechanical parts. May be required to work around electrical current.