

The Maryland-National Capital Park and Planning Commission

TITLE: Senior Equipment Operator GRADE: T04 CODE: 5741
SERIES: Equipment Repair and Operation DATE: 11/28/05 FLSA: Non-Exempt
EEOC: Skilled Craft

Class Definition

Under direction, performs skilled equipment operation work involving considerable responsibility, complexity, variety, and dexterity. Regularly operates heavy equipment (e.g., bulldozer, motor grader) at least 50 percent of time to perform construction and maintenance work (e.g., rough grading and excavation) at Commission parks and other areas. Operates medium-heavy equipment (e.g., backhoe, front-end loader) as a secondary duty. Performs maintenance and repairs on equipment.

Work at this level is distinguished from the Equipment Operator by the range of duties assigned, including the operation of the more difficult and complex heavy equipment. Heavy Equipment Operators analyze situations, and exercise judgment to best complete project tasks; extremely unusual situations or challenges are reported to the supervisor. Incumbents may provide direction to lead the work of Equipment Operators and related crew members engaged in project work. Performs other related duties as assigned.

Examples of Important Duties

1. Operates heavy equipment, such as large bulldozers, motor graders, cranes, road graders, large rollers, and other heavy equipment to perform routine construction and maintenance work (e.g. grounds excavation work; raising or lowering terrain to specified grade markings) in parks, gardens, and other areas. Directs work of equipment operators to coordinate with heavy equipment.
2. Plans projects. Identifies and determines equipment needs for assigned projects. Typically responsible for reviewing and reporting job progress; work is periodically reviewed by supervisor. Completes regular, reoccurring work assignments independently, with limited direction. Reports crew activity and work progress to supervisor. Assigns and directs crew to correct outstanding problems, or recommends action to supervisor. Ensures preventive measures are used when possible.
3. Receives oral and written work orders for equipment assignments. May meet with architects and engineers to review plans, blueprints, etc; recommends changes to improve project work. Works with supervisors, project managers, and surveyors to review and interpret blueprints, engineering drawings, sketches, ground stakes, and specifications to plan and establish work priorities. Provides training and technical instruction as needed. May coordinate the work of crew members at a lower level.
4. Operates medium-heavy equipment, such as backhoes, front-end loaders, bobcats, small graders, tractors, tree spades, small rollers, farm equipment and other medium-heavy equipment to perform construction and maintenance work (e.g. moving or transporting dirt, rock, sand, and other materials; removal of debris on construction and maintenance projects) in parks, gardens, and other areas.
5. Transports equipment and materials (e.g. sand, gravel, rocks, salt).
6. Loads trucks. Operates forklift and front-end loader to load trucks with lumber, gravel, dirt, asphalt, mulch and other materials.

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7. Operates graders and dump trucks with snowplows to plow and remove snow and ice from Commission roads, driveways, parking lots, and other property.
8. Services and performs general and preventative maintenance on heavy equipment and related machinery. Cleans equipment and vehicles. Inspects equipment to ensure proper operation. Provides routine maintenance (e.g., fills fuel tank, changes oil, lubricates parts, changes flat tires). Operates welding equipment to repair blades, snowplows, roll bars and other metal parts. Transports equipment and vehicles to garage for maintenance and repairs. Keep records and logs of maintenance data.
9. Ensures safe and efficient work practices are followed. Checks job sites for potential hazards. Applies safe and effective methods of machine operation, maintenance, and storage. Uses protective clothing or gear as required.

Important Worker Characteristics

- A. Knowledge of (1) heavy equipment operation procedures and operating characteristics; (2) Commission organization, policies, and procedures*; (3) excavation and grading work; and (4) standards (e.g. OSHA, MOSH, and Department of Motor Vehicle) of specialized equipment used in heavy equipment operation and safety.
- B. Considerable skill in operation of: backhoe; bobcat; bulldozer; crane; dump truck; motor grader; front-end loader; road grader; roller; tree spade; tractor; tractor-trailer truck; welding equipment; and other heavy equipment machinery.
- C. Ability to: (1) direct and follow verbal and non-verbal instructions; (2) understand a system of procedures; (3) read and write routine reports and instructions; (4) lift up to 100 pounds; (5) ability to work independently or in a crew; and (6) review and interpret blueprints and engineering specifications.

*Developed primarily after employment in this job class.

Minimum Qualifications

1. High school diploma or GED, and
2. Three years of equipment operation, including a minimum of one year of experience using heavy equipment; or
3. An equivalent combination of education and experience.
4. Must possess a Commercial Driver's License (CDL) with appropriate endorsements at time of employment.
5. Successfully pass Commission medical examination.

Working Conditions

Primarily works outdoors; work conditions may include exposure to dust, vibration, noise, and chemicals, as well as exposure to adverse weather conditions (heat, cold, snow, rain, etc). The work may require the use of protective devices such as masks, goggles, or gloves. Work requires constant bending, lifting, and carrying of heavy objects of up to 100 pounds. On-call 24 hours for emergencies.