

JOB DESCRIPTION

TITLE: HEAVY EQUIPMENT OPERATOR

DEPARTMENT: PUBLIC WORKS

CLASSIFICATION: UNION

STATUS: FULL TIME () PART TIME ()

UPDATED: March 1, 2024

DESCRIPTION OF DUTIES:

Under direction, operates one or more types of gasoline or diesel powered equipment to perform the more complex and demanding assignments to fine grade slopes, inclines, ramps, curves, and excavations by scraping, scooping, rolling, lifting, or leveling on all types of terrain; works to fine specifications from grade stakes set by survey party; inspects machinery daily and reports unsafe conditions; services and makes minor emergency repairs to equipment in garage or field; may occasionally perform a variety of manual or unskilled tasks; performs other related duties as required.

NOTE:

The examples of work for this title are for illustrative purposes only. A particular position using this title may not perform all duties listed in this job specification. Conversely, all duties required to be performed on the job may not be listed.

- Maneuvers diesel or gasoline powered equipment with wheeled or crawler type traction such as a bulldozer, front-end loader, motor grader, backhoe, grad-all, scraper, jet vac and street sweeper; manipulates controls to adjust attachments for proper positioning on rough, rocky, or soft terrain or other sub-surfaces that change because of weather conditions which may alter the soil composition. To fine grade slopes, inclines, ramps, curves, and excavations by scraping, scooping, rolling or leveling.
- Maneuvers equipment and manipulates different controls to adjust attachments for proper positioning near a variety of obstructions and/or in difficult surroundings such as close to buildings, trees, utility wires, drop-offs, pipes, or rocks. Dig or move earth or destroy obsolete brick and stone structures.
- Reviews with foreman, rough sketches or blueprints that are marked to indicate sections to be cut, filled, and the level of the finished job to compare terrain at the beginning of the operation with the proposed finished job.
- May occasionally operate a truck to haul and dump sand, gravel, asphalt, and refuse; carries equipment and/or snow plow.

- In operating equipment, follows all types of alignment stakes which are used in laying out construction projects and their boundaries, reads the information contained on them to know the stationing or location of any part of the road relative to a starting point or reference; know the amount of cut and fill to be removed from the existing ground surface or reference mark on the stake at that point, or the shoulder or ditch line when offset stakes are used or the distance from the centerline to stake location.
- Ensures that equipment is ready for operation at all times by inspecting all moving parts for adequate lubrication and lubricates as necessary; inspects tires for proper inflation, checks brake hydraulic reservoir level and oil level, and makes a general inspection of the entire equipment for any obvious deficiencies.
- May perform a variety of manual unskilled tasks when not engaged in operating equipment.

RESPONSIBILITIES

- Receives assignments, either in writing or orally, explaining work to be done and equipment to be used.
- Reports any problems that cause a delay in the completion of the work assignment to the supervisor either in writing or verbally.
- Will be required to learn to utilize various types of electronic and/or manual recording and information systems used by the Township or related units.
- Document and keep records, reports time, supplies and work completed.

SKILLS, KNOWLEDGE AND ABILITIES

- Knowledge of the assigned equipment and its limitations in performing a variety of tasks.
- Knowledge of blade positioning to fine grade surfaces, inclines, slopes and curves on all types of terrain.
- Knowledge of accident prevention procedures for operating assigned equipment.
- Ability to follow specific oral or written instructions concerning the work assignment.
- Ability to adjust, oil, grease and maintain assigned equipment.
- Ability to maintain concentration, alertness, and an exceptional degree of visual and physical coordination.
- Ability to grade surfaces to fine specifications by adjusting attachments while the vehicle is in motion on all types of terrain.
- Ability to simultaneously operate controls, make difficult clearance judgements while watching the load, and compensate for variation in the equipment's lifting or hauling capacity during position changes.
- Ability to understand equipment and its limitation on all types of terrain.
- Ability to work without direct supervision.
- Ability to manipulate attachments rapidly to adjust to the changing condition of the surfaces.
- Ability to read, write, speak, understand, or communicate in English sufficiently to perform the duties of this position.

REQUIREMENTS

- Two (2) years of experience in operating and maintaining one or more types of gasoline or diesel powered construction equipment such as a Bulldozer, Front-end Loader, Backhoe, Jet Vac and Street Sweeper
- Must hold a valid Commercial Driver's License Class B w/ Air Brakes And Tanker endorsement at minimum and must remain current

SUPERVISION

- Foreman
- Department Superintendent
- Township Administrator

PHYSICAL DEMANDS

- Ability to meet approved minimal physical and medical standards.