

Engineering Equipment Operator, WG-5716-9

A. MAJOR DUTIES:

Operates a variety of gasoline or diesel powered engineering and construction equipment with wheeled or crawler-type traction and attachments. Work is generally performed on flat, rolling, and some irregular terrain where course to medium grades are required.

Performs the following duties which are typical but not necessarily all inclusive: in forested terrain operates crawler tractor in piling of slash, clearing brush, small trees, tree stumps, and rocks, and developing fire lanes. On areas where terrain is flat, rolling or irregular, operates crawler tractor or motor grader in grading of roads/trails to fine specifications. On areas where terrain is wet/boggy, operates crawler tractor or excavator by using mats or similar devices. Operates front-end loader or other attachments to remove piles of dirt/rock/debris, to load trucks or for the digging of earth or gravel. Operates bulldozer, excavator, or other attachments to push/place refuse into an open pit or to fill in demolished building sites and cover with earth, to clean ditches, to repair holes in dikes, to excavate ditches and ponds. Services, checks, and fuels equipment and attachments before operation. Performs daily preventative maintenance and makes repairs and adjustments to equipment and attachments. This includes, but is not limited to, replacing chains and belts, cables, lubrication, oil and filter changes, battery checks, and safety inspections.

May operate farm tractors with auxiliary equipment for farming, mowing, maintaining dikes, and other related activities. In addition may be called upon to perform tasks involved with biological census work, fire suppression, building maintenance, and other miscellaneous duties not requiring any special skill, training, or experience.

TYPES OF EQUIPMENT:

Is proficient in operating the following equipment: dozers (above the D-6 size) with implements; loader (front end); loader/backhoe; dump truck; straight truck (hauling small equipment); truck/tractor (hauling large equipment outside the local commuting area); farm tractors with implements; excavator; and road grader.

WORK SPECIFICATIONS:

Conducts disking, chopping, mowing, rotovating, digging, loading and leveling to a medium, and/or finish grade for the purpose of shaping of roads and parking lots, and setting of culverts where levels are essential to accommodate rain runoff and water level functions.

MAINTENANCE AND REPAIR:

Services equipment by: checking fluids, lubricating, and performing safety checks; performs regular scheduled service that includes changing fluids and filters, and replacing of components that require dismantling of the equipment such as radiators, hydraulic tanks, alternators, tracks, etc.; and replaces worn items such as excavator bucket teeth.

B. SKILL AND KNOWLEDGE:

Employee has good knowledge and skill in the use of controls to operate the equipment and attachments while in motion on flat terrain in a safe manner in carrying out the duties assigned. Has a thorough knowledge of the terrain and the capabilities of the equipment in order to plan the proper approach to assignments. Is able to service, check, and perform preventative maintenance on equipment and attachments. Good hand, foot, and eye coordination is required to operate controls simultaneously. Must be able to operate the equipment in confined areas.

C. RESPONSIBILITY:

The work consists of a variety of tasks. Work requires grading some surfaces to fine specifications on flat terrain. The worker is responsible for operating in a safe manner to avoid injury to self and others, and damage to equipment. Oral or written instructions and/or work orders concerning the locations of the job, and the work to be done, are given. The employee plans the approaches to the assignment and work is performed without direct supervision. Work maybe spot-checked for compliance of instructions. More detailed instructions and reviews are provided with new, unusual, or complex assignments, or equipment. The employee must maintain a commercial driver's license and maintain certification on all equipment he/she operates.

D. PHYSICAL EFFORT:

Heavy physical effort is used in the operation and adjustment of the equipment and attachments. Considerable strain is caused by the constant vibration of the equipment and the jolting received from operation of the equipment over rough surfaces. Location of the controls and attachments frequently require work in awkward or strained positions.

E. WORKING CONDITIONS:

Work is performed in all types of weather, often in an open driver's seat. The operator is exposed to injury due to the possibility of equipment overturning and is subject to noise, vibration, dust, and fumes from machinery. Caution must be exercised to prevent injury caused by moving machinery, or breaking cables. Caution must be exercised in working around water or wet soil.

CONDITIONS OF EMPLOYMENT:

Commercial Drives License (CDL) is required.

Medical is required.

Drug test is required.