



U.S. Fish and Wildlife Service



## Position Description

<b>PD No.:</b>	123613
<b>FPPS PD No.:</b>	S000409
<b>FWS Title:</b>	Engineering Equipment Operator
<b>OPM Title:</b>	Engineering Equipment Operator
<b>Position Type:</b>	Neither
<b>Equal Employment Opportunity Statement:</b>	
<b>Pay Plan, Series and Grade:</b>	WG-5716 : Engineering Equipment Operating Series-10
<b>Full Performance Level:</b>	10
<b>Is Interdisciplinary PD?</b>	NO
<b>Additional Series:</b>	
<b>Employing Office Location:</b>	varies
<b>Duty Location:</b>	varies
<b>Competitive Level Code:</b>	
<b>Service:</b>	Field
<b>Reason for Submission:</b>	Other
<b>Fair Labor Standards Act:</b>	Non-Exempt
<b>Subject to IA Action:</b>	YES
<b>Financial Statements Required?</b>	NO
<b>Position Sensitivity:</b>	Non-Sensitive-Low
<b>Organization Structure:</b>	Department of Interior 1st Subdivision: US Fish and Wildlife Service 2nd Subdivision: REGION 3rd Subdivision: 0:SPD Organization Code 4th Subdivision: 5th Subdivision:
<b>Standards Used to Classify the Job:</b>	OPM Federal Wage System Job Grading Standard Federal Wage System Job Grading Standard for Engineering Equipment Operation, 5716, TS-4 January 1969
<b>Bargaining Unit Status:</b>	7777

<b>Position Status:</b>	Competitive
<b>Position Status Remarks:</b>	
<b>Drug Testing Required?</b>	YES
<b>Physical Examination Required?</b>	NO
<b>Remarks:</b>	
<b>Supervisor Certification Text:</b>	
<b>Supervisor Signature:</b>	
<b>Supervisor Title:</b>	
<b>Supervisor Sign Date:</b>	
<b>Approving Official Signature:</b>	
<b>Approving Official Title:</b>	
<b>Approving Official Sign Date:</b>	
<b>Classifier Certification Text:</b>	I certify that this position has been classified / graded as required by Title 5, U.S. Code, in conformance with standards published by the U.S. Office of Personnel Management or, if no published standards apply directly, consistently with the most applicable published standards.
<b>Classifier Signature:</b>	CECILIA KING
<b>Classifier Title:</b>	Service Classification and Compensation Manager
<b>Classifier Sign Date:</b>	8/15/2012 2:32:00 PM

## Introduction:

This standard position description (SPD) is approved for Service-wide use.

## Duties:

### Major:

1. Percentage Of Time: 50%

#### EQUIPMENT OPERATIONS:

Operates a variety of gasoline or diesel powered engineering and construction equipment with wheeled or crawler type traction and attachments. Work is performed on irregular terrain, close to buildings, drop-offs, or other obstructions. Surfacing to fine specifications is normally performed on flat or rolling terrain. Rough grading to general contour is also performed.

Performs the following duties which are typical but not all inclusive:

Operates crawler tractor or motor grader to excavate, backfill, grade, or level earth to rough specifications on such projects as breaking ground for trails, roads, canals, tunnels, dams, or construction sites. Moves earth on steep slopes, graded curves and shoulders, rocky or soft ground, hilly forests, and other surfaces with similar rough features.

On flat or rolling terrain, operates crawler tractor or motor grader in grading surfaces, compacting soils, and/or spreading surfacing materials to exact specifications. ( e.g., Engineering specifications on dikes). Such fine work, may require operating close to buildings, towers, trees, drop-offs, waterlines, rocks, etc. Adjusts attachments for proper positioning and working order usually without stopping the power unit or the equipment.

2. Percentage Of Time: 20%

**MAINTENANCE AND REPAIR:**

Services, checks, and fuels equipment before operation, checks and services attachments to be used. Performs daily preventative maintenance and makes repairs and adjustments to equipment and attachments to equipment. This includes, but is not limited to, replacing chains and belts, cables, lubrication, oil and filter changes, battery checks, changing dozer teeth, and safety inspections.

Services equipment by: checking fluids; lubricating; performing safety checks; replacing hoses, belts, fuses, light bulbs; performing regular scheduled service including changing fluids and filters; replacing of components that require dismantling of the equipment such as radiators, hydraulic tanks, alternators, tracks, and excavator bucket teeth; and rebuilding components.

3. Percentage Of Time: 20%

**WORK SPECIFICATIONS:**

Conducts disking, chopping, mowing, rotovating, digging, loading and leveling to exact specifications based on engineering drawings read and implemented by the operator.

4. Percentage Of Time: 10%

Keeps written maintenance records for all equipment operated. Keeps equipment logbooks up-to-date at all times. Inputs equipment service and maintenance data in Service Asset Maintenance Management System (SAMMS) database.

**Other:**

1. Percentage Of Time: 0%

The following may apply, when checked:

Operates farm tractors with auxiliary equipment for mowing, farming, maintaining dikes, and other related activities.

Performs tasks involved with biological census work, building maintenance, and other miscellaneous duties not requiring any special skill, training, or experience.

Assists with wildland fires control. Operates crawler tractor on fire line construction and opens fire lanes, piles dirt, brush, etc.

**Overall Qualifications:**

Qualification	Description	Qualification Type
Drivers License	Must be able to obtain and maintain a valid state driver's license.	Selective Factor
Drivers License	Duties of this position require the employee to have and maintain a valid State Commercial Drivers License (CDL) to operate various vehicles and equipment.	Selective Factor
Other	Wears the Service uniform according to policy.	Neither

**Narrative Factors:**

**Factor I: Skill and Knowledge:**

A high degree of skill is required in the safe operation of a wide variety of equipment in order to grade surfaces to rough or fine specifications by adjusting attachments while the equipment is in motion. Examples of the types of equipment used include: dozers (above the D-6 size); loader (front end); loader/backhoe; dump truck; straight

truck (hauling small equipment); truck/tractor (hauling large equipment); farm tractors with implements; excavator; road grader; draglines; and earthmovers.

Ability to operate equipment to specific instructions in all types of terrain, in remote and confined areas. Employee must plan basic approaches to accomplish tasks in all types of terrain while considering soil composition arrangement, and must know the purpose and limitations of a wide variety of equipment and attachments. In addition, good foot, hand, and eye coordination is required to operate controls simultaneously; the operator must have good depth perception and a high degree of concentration to cope with rough terrain.

Comprehensive knowledge of equipment maintenance and repair and ability to service and repair equipment when necessary.

Knowledge of safety rules and regulations to ensure safe use of the equipment and to prevent injury to self, co-workers, or property.

Knowledge and ability to use computers in order to input maintenance data into the Service database.

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## **Factor II: Responsibility:**

A high degree of skill and concentration is necessary to grade surfaces to fine specifications and to operate in rough terrain. The worker is responsible for operating in a safe manner to prevent injury to self or others, or damage to equipment. Oral or written instructions and/or work orders (via SAMMS) concerning the locations of the job, and the work to be done are given. The employee plans basic approaches to each assignment and work is done without direct supervision. More detailed instructions are provided with new, unusual or irregular work assignments. Employee is expected to manage assigned projects and activities, establish priorities, accommodate workload emergencies and take on numerous projects concurrently. The supervisor provides assignments and sets project standards. Employee is expected to use a high degree of self-reliance and initiative to determine the most effective means of accomplishing project goals.

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## **Factor III: Physical Effort:**

Very strenuous effort is required in the operation and frequent adjustment of large pieces of equipment and attachments, often under adverse operating conditions. 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 requires work in awkward or strained positions.

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## **Factor IV: Working Conditions:**

Work is performed in all types of weather often in an open driver's seat. Due to operations of large and complicated equipment, often in rough terrain, the operator is exposed to injury resulting from equipment overturning, and is subject to noise, vibration, dust, and fumes from machinery. Caution must be exercised to avoid injury from moving machinery and breaking cables, and other difficult circumstances.