



U.S. Fish and Wildlife Service

PD EXPRESS

## Position Description

<b>PD No.:</b>	123610
<b>FPPS PD No.:</b>	S000407
<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-8
<b>Full Performance Level:</b>	8
<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
<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 2:00:00 PM

## Introduction:

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

## Duties:

### Major:

1. Percentage Of Time: 50%  
MACHINE OPERATION

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 or rolling terrain where fine grades are not usually required. There may be some uneven characteristics due to habitat differences or artificial slopes such as dikes or roads.

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

Operates crawler tractor in forested terrain in piling of slash, clearing brush, small trees, tree stumps, and rocks, and developing fire lanes. On areas where terrain is relatively flat and/or rolling, operates crawler tractor, or motor grader in rough grading of trails.

Operates front-end attachments to remove piles of dirt, to load trucks, or for the digging of earth or gravel.

Operates bulldozer, angle dozer, or other attachments to push refuse into an open pit or to fill in demolished building sites and cover with earth, to clean ditches, to fill holes in dikes, or to excavate ditches and ponds.

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

activities.

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2. Percentage Of Time: 20%

**WORK SPECIFICATIONS:**

Conducts disking, chopping, mowing, rotovating, digging, loading and leveling to a rough grade for the purpose of ditch cleaning, culvert installation, creating and maintaining trails and fire breaks, patching potholes, piling slash and various other purposes.

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3. Percentage Of Time: 20%

**MAINTENANCE AND REPAIR:**

Services equipment by checking fluids, lubricating, and performing safety checks. Performs minor repairs which include replacement of hoses, belts, fuses, light bulbs, etc. that do not require dismantling large components of the equipment such as radiators, hydraulic tanks, alternators, tracks, etc.

Services, checks, and fuels equipment and attachments before operation. Performs daily preventative maintenance and makes minor 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.

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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.

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**Other:**

1. Percentage Of Time: 0%

The following may apply, when checked:

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.

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**Overall Qualifications:**

<b>Qualification</b>	<b>Description</b>	<b>Qualification Type</b>
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 incumbent 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
Other	This position is subject to physical examination and drug and alcohol testing requirements as established by the Department of Transportation (49 CFR 391.41 (b)(I) through (b)(13)).	Selective Factor

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**Narrative Factors:**

**Factor I: Skill and Knowledge:**

Skill and ability to operate one or more types of heavy equipment. Examples of the types of equipment used include: Dozers (up to D-6 size) with implements; loader (front end); loader/backhoe; dump truck; straight truck (hauling small equipment); truck/tractor (hauling large equipment); and farm tractors with implements.

Knowledge of the controls for operating heavy equipment and attachments and skill in handling these controls to perform the work, e.g. good hand, foot, and eye coordination is required to operate various controls simultaneously.

Basic knowledge of the nature of the soil and features of the terrain to determine the proper approaches according to the conditions of surface and subsurface.

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

Basic knowledge of and ability to use computers in order to input maintenance data into database programs.

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### **Factor II: Responsibility:**

The work consists of a variety of tasks. Work does not require grading surfaces to exact specifications. The employee is responsible for operating in a safe manner to avoid injury to others and 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 the approaches to the assignment and work is performed largely without direct supervision. Work may be spot-checked in progress or upon completion for conformance to instructions and quantity and quality of work accomplished.

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

Considerable physical effort is required in the operation of the equipment and attachments. Considerable strain can be 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 working 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. The employee 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.