



U.S. Fish and Wildlife Service

PD EXPRESS

Position Description

PD No.:	123612
FPPS PD No.:	S000408
FWS Title:	Engineering Equipment Operator
OPM Title:	Engineering Equipment Operator
Position Type:	Neither
Equal Employment Opportunity Statement:	
Pay Plan, Series and Grade:	WG-5716 : Engineering Equipment Operating Series-9
Full Performance Level:	9
Is Interdisciplinary PD?	NO
Additional Series:	
Employing Office Location:	
Duty Location:	
Competitive Level Code:	
Service:	Field
Reason for Submission:	Other
Fair Labor Standards Act:	Non-Exempt
Subject to IA Action:	YES
Financial Statements Required?	NO
Position Sensitivity:	Non-Sensitive-Low
Organization Structure:	Department of Interior 1st Subdivision: US Fish and Wildlife Service 2nd Subdivision: REGION 3rd Subdivision: 0:SPD Organization Code 4th Subdivision: 5th Subdivision:
Standards Used to Classify the Job:	OPM Federal Wage System Job Grading Standard
Bargaining Unit Status:	7777

Position Status:	Competitive
Position Status Remarks:	
Drug Testing Required?	YES
Physical Examination Required?	NO
Remarks:	
Supervisor Certification Text:	
Supervisor Signature:	
Supervisor Title:	
Supervisor Sign Date:	
Approving Official Signature:	
Approving Official Title:	
Approving Official Sign Date:	
Classifier Certification Text:	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.
Classifier Signature:	CECILIA KING
Classifier Title:	Service Classification and Compensation Manager
Classifier Sign Date:	8/15/2012 2:03:00 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, rolling, and some irregular terrain where course to medium grades are required.

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 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.

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

2. Percentage Of Time: 20%

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.

3. Percentage Of Time: 20%

MAINTENANCE AND REPAIR:

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.

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.

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:

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
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

Narrative Factors:

Factor I: Skill and Knowledge:

Skill and ability to operate various types of heavy equipment.

Comprehensive 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, e.g. good hand, foot, and eye coordination is required to operate controls simultaneously.

Thorough knowledge of the terrain and the capabilities of the equipment in order to plan the proper approach to assignments.

Knowledge of and ability to service, inspect, and perform preventative maintenance on equipment and attachments.

Ability to operate heavy equipment in confined areas.

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.

Factor II: Responsibility:

The work consists of a variety of tasks. Work is generally performed on flat, rolling, and some irregular terrain where course to medium grades are required. 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 (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 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.

Factor III: 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.

Factor IV: Working Conditions:

Work is performed in all types of weather, often in an open driver's seat. The operator is exposed to injury 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.