

STATE OF OHIO (DAS)CLASSIFICATION
SPECIFICATION**CLASSIFICATION SERIES**

Equipment Operator

SERIES NUMBER

5441

MAJOR AGENCIES

All Agencies except Transportation

EFFECTIVE

05/04/2014

SERIES PURPOSE

The purpose of the equipment operator occupation is to operate various types of motorized equipment to perform a variety of construction & maintenance operations or to haul equipment & supplies.

At the lowest level, incumbents operate equipment such as dump trucks, wrecker snow plows, pick up trucks & front-end loaders.

At the higher levels, incumbents operate heavy motorized equipment, serve as lead worker over logging operations, or operate heaviest construction equipment to complete variety of operations associated with construction & maintenance projects.

Incumbents operating motorized equipment on highway maintenance & construction projects for the Department of Transportation are to be classified within the Highway Maintenance Worker class series, 5321.

JOB TITLE

Equipment Operator 1

JOB CODE

54411

PAY GRADE

5

EFFECTIVE

05/04/2014

CLASS CONCEPT

The developmental level class works under general supervision & requires working knowledge of safety practices pertaining to & skill in operation of motorized equipment in order to operate combination of motorized equipment such as dump truck, wrecker snow plow & pickup truck to haul trash, mow grass, plow snow, spread salt, move & load supplies, equipment, furniture & other materials & complete variety of related functions associated with construction, maintenance & surplus property warehouse operations.

JOB TITLE

Equipment Operator 2

JOB CODE

54412

PAY GRADE

6

EFFECTIVE

05/04/2014

CLASS CONCEPT

The full performance level class works under general supervision & requires considerable knowledge of safety practices associated with & skill in operation of heavy motorized equipment in order to operate heavy motorized equipment such as dozers, graders, dump trucks, to complete variety of construction & maintenance operations or in Departments of Mental Health & Addiction Services or Developmental Disabilities, drive tractor trailers &/or tandem axle trucks with gross weight over 45,000 pounds to haul equipment & supplies.

JOB TITLE

Equipment Operator 3

JOB CODE

54413

PAY GRADE

7

EFFECTIVE

04/07/2002

CLASS CONCEPT

The advanced level class works under general supervision & requires thorough knowledge of sawmill safety practices, logging & timber stand improvement principles, practices & techniques & skill in operation & maintenance of sawmill & heavy equipment in order to serve as lead worker (i.e., provide work direction & training) over lower-level equipment operators, as well as, participate in performance of logging & sawmill operations & related activities.

JOB TITLE

Equipment Operator 4

JOB CODE

54414

PAY GRADE

7

EFFECTIVE

04/07/2002

CLASS CONCEPT

The advanced level class works under general supervision & requires thorough knowledge of safety practices pertaining to & skill in operation of heaviest equipment for construction & maintenance operations in order to operate heaviest motorized equipment such as cranes, large backhoes & dozers, heavy crawlers & gradalls to construct & maintain roads & bridges & perform similar operations associated with construction & maintenance projects & in addition, operates cranes with 1,200 pound hammer & F-5500 diesel backhoe & front loader to excavate & grade ditches, dig channels, load heavy materials & clean waterways in Department of Administrative Services.

| <u>JOB TITLE</u> | <u>JOB CODE</u> | <u>B. U.</u> | <u>EFFECTIVE</u> | <u>PAY GRADE</u> |
|----------------------|-----------------|--------------|------------------|------------------|
| Equipment Operator 1 | 54411 | 06 | 05/04/2014 | 5 |

JOB DUTIES IN ORDER OF IMPORTANCE (These duties are illustrative only. Incumbents may perform some or all of these duties or other job-related duties as assigned.)

Operates any combination of following motorized equipment (e.g., air compressor, truck mounted backhoe, 1 ton brush chipper, ditcher, ditch shaper, 6 to 10 ton dump truck, 10 ton tandem axel dump truck, forklift, 2 or 4 wheel drive front-end loader, 13,000 to 23,000 pound grader, 6 ton loader, mowers such as brush hog, rear flail, cutter bar & under 60 cubic inch push, side or rotary mount, 1/2 ton, 3/4 ton & 1 ton pickup truck or van, plow & spreader, tractor mounted auger, 5 to 8 ton roller, tractor, water pumps, stake truck, stump cutter, chain saws, weed eaters, spade & other hand tools) to haul trash, spread salt, cut & log timber, assist with wildfire suppression upon successful completion of Basic Firefighter Introduction to Fire Behavior Course (S-130/S-190), plow snow, mow grass & cut brush; clean & repair streets, move & load supplies, equipment, furniture & materials &/or complete other related construction & maintenance operations.

Performs general labor & maintenance functions (e.g., loads & unloads freight; maintains trails & forest; arranges stock in warehouse; repairs guardrails; digs ditches; moves equipment, furniture & supplies) or assists customers in warehouse & on phone by answering questions regarding availability, location & price of property; assists in preparing property & warehouse for public auctions & warehouse sales; inspects property upon arrival/departure & reviews accompanying paperwork for accuracy; assigns classification &/or control number to property.

MAJOR WORKER CHARACTERISTICS

Knowledge of safety practices pertaining to operation of light & heavy motorized equipment*; arithmetic to include addition & subtraction. Skill in operation of various types of motorized equipment (e.g., dump truck, pickup truck, wrecker snow plow, front-end loader, forklift, tractor, chainsaws, log truck); sawmill equipment; hand tools. Ability to carry out simple instructions; read short sentences with concrete vocabulary; lift 100 pounds; recognize unusual or threatening safety conditions & take appropriate action; demonstrate physical fitness.

(*)Developed after employment.

MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT

Formal education in arithmetic that includes addition & subtraction & in reading & speaking common English vocabulary; 3 mos. trg. or 3 mos. exp. in operation of motorized equipment (e.g., dump truck, pickup truck, wrecker snow plow, forklift, front-end loader, chainsaws); valid commercial driver's license; In accordance with Section 124.11 (B) (2) of Revised Code, Director of Administrative Services has determined this classification to be unskilled labor class & therefore exempt from written examination.

-Or equivalent of Minimum Class Qualifications For Employment noted above.

TRAINING AND DEVELOPMENT REQUIRED TO REMAIN IN THE CLASSIFICATION AFTER EMPLOYMENT

For positions in Department of Natural Resources, Division of Forestry Wildfire Program only, must successfully complete Basic Firefighter Introduction to Fire Behavior Course (S-130/S-190) within first year of employment.

UNUSUAL WORKING CONDITIONS

Works outside in all weather conditions; exposed to dust, mud, dirt, fumes, noise & dangerous machinery; may be required to work irregular hours &/or rotating shifts.

| <u>JOB TITLE</u> | <u>JOB CODE</u> | <u>B. U.</u> | <u>EFFECTIVE</u> | <u>PAY GRADE</u> |
|----------------------|-----------------|--------------|------------------|------------------|
| Equipment Operator 2 | 54412 | 06 | 05/04/2014 | 6 |

JOB DUTIES IN ORDER OF IMPORTANCE (These duties are illustrative only. Incumbents may perform some or all of these duties or other job-related duties as assigned.)

Operates any combination of following heavy motorized equipment (e.g., concrete mixer, excavator, 7 ton dozer, over 23,000 pound grader, low-boy, mud jack, 8-10 ton roller, vac-all &/or 10 ton sweeper, low boy 10 ton tractor, 25,000 to 35,000 pound dump truck) to complete variety of construction & maintenance functions or to assist with wildfire suppression upon successful completion of Basic Firefighter Introduction to Fire Behavior Course (S-130/S-190), operates any or all pieces of equipment operated by lower-level equipment operators as needed; or in Mental Health & Addiction Services or Department of Developmental Disabilities, drives tractor trailers &/or tandem axle trucks (i.e., gross weight over 45,000 pounds) to haul equipment & supplies throughout state.

Performs minor repairs & adjustments to heavy motorized equipment (e.g., greases & oils machinery; checks tires & lights).

Performs general labor, maintenance & other related functions (e.g., loads & unloads materials; checks for damage; completes reports & other paperwork).

MAJOR WORKER CHARACTERISTICS

Knowledge of safety practices associated with operation of light & heavy motorized equipment; arithmetic to include fractions, decimals & percentages. Skill in operation of heavy motorized equipment (e.g., dozer, grader, dump truck, low-boy, tractor trailer); lighter equipment such as forklifts, pickup trucks, wrecker snow plow; sawmill equipment; chainsaws & hand tools. Ability to carry out oral & written instructions; complete routine forms & reports; recognize unusual or threatening safety conditions & take appropriate action; lift 100 pounds; demonstrate physical fitness.

MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT

Formal education in arithmetic to include fractions, decimals & percentages & reading, writing & speaking common English vocabulary; 9 mos. trg. or 9 mos. exp. in operation of heavy motorized equipment (e.g., 7 ton dozer, 8-10 ton roller, concrete mixer, excavator, low-boy, vac-all or 10 ton sweeper, 10 ton tractor, 25,000 to 35,000 pound dump truck) & related safety practices; valid commercial driver's license.

-Or equivalent of Minimum Class Qualifications For Employment noted above.

TRAINING AND DEVELOPMENT REQUIRED TO REMAIN IN THE CLASSIFICATION AFTER EMPLOYMENT

For positions in Department of Natural Resources, Division of Forestry Wildfire Program only, must successfully complete Basic Firefighter Introduction to Fire Behavior Course (S-130/S-190) within first year of employment.

UNUSUAL WORKING CONDITIONS

Works outside in all weather conditions; exposed to dust, mud, dirt, fumes, noise & dangerous machinery.

| <u>JOB TITLE</u> | <u>JOB CODE</u> | <u>B. U.</u> | <u>EFFECTIVE</u> | <u>PAY GRADE</u> |
|----------------------|-----------------|--------------|------------------|------------------|
| Equipment Operator 3 | 54413 | 06 | 04/07/2002 | 7 |

JOB DUTIES IN ORDER OF IMPORTANCE (These duties are illustrative only. Incumbents may perform some or all of these duties or other job-related duties as assigned.)

Serves as lead worker by providing work direction & training over lower-level equipment operators & other staff in the performance of sawmill & logging operations (e.g., timber cutting, logging, trimming, edging, & forest management) & participates in logging & sawmill operations (e.g., felling, skidding & hauling logs to supply sawmill with raw material for lumber production; grading lumber; trimming & edging logs; stacking & loading timber; operating sawmill equipment such as edger, saws & log turner to produce lumber; operating tractor, dozer, skidder & driving heavy log truck).

Monitors crew & participates in forest fire suppression & building maintenance & construction; assists in marking timber for sawmill supply; maintains records of lumber production & inventory; services & maintains sawmill machinery (e.g., sharpens head saw, edger saw & cut off saw; repairs carriage, rollers & live deck).

Monitors & participates in timber stand improvement (e.g., thinning pines, clearing underbrush, applying herbicide; trimming trees); performs other related duties (e.g., overseeing, building & repairing trails; building water bars & wildlife grazing areas; mowing; reseeding log landings & log roads; collecting seeds; maintaining forest boundaries) & performs other miscellaneous duties involving equipment operation (e.g., snow removal; trash & refuse collection; mowing; road maintenance; pick up & delivery of equipment, supplies & other materials).

MAJOR WORKER CHARACTERISTICS

Knowledge of sawmill safety practices; logging practices & procedures; timber stand improvement, principles & techniques; forest fire suppression techniques & related safety practices; safety practices associated with operation of light & heavy motorized equipment; arithmetic to include fractions, decimals & percentages; employee training & development*. Skill in operation & maintenance of sawmill equipment; light & heavy motorized equipment (e.g., dozer, grader, backhoe, forklift, truck, tractor, tractor trailer); lumber grading & timber marking; building maintenance practices. Ability to deal with problems involving few variables in a familiar context; carry out basic oral or written instructions; complete routine forms & reports; recognize unusual or threatening safety conditions & take appropriate action; lift 100 pounds; demonstrate physical fitness.

(*)Developed after employment.

MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT

Formal education in arithmetic to include fractions, decimals & percentages & to read, write & speak common English vocabulary; 9 mos. trg. or 9 mos. exp. in operation of heavy motorized equipment (e.g., concrete mixer, 7 ton dozer, 8-10 ton roller, excavator, low-boy, vac-all or 10 ton sweeper; log loader, 10 ton tractor, 25,000 to 35,000 pound dump truck) & related safety practices; 9 mos. trg. or 9 mos. exp. in operation & maintenance of sawmill & logging equipment & related safety practices; 9 mos. trg. or 9 mos. exp. in forest fire suppression techniques & timber stand improvement principles & techniques; valid commercial driver's license; in addition, for positions in Department of Natural Resources, Division of Forestry Wildfire Program only, must successfully complete Basic Firefighter Introduction to Fire Behavior Course (S-130/S-190).

-Or equivalent of Minimum Class Qualifications For Employment noted above.

TRAINING AND DEVELOPMENT REQUIRED TO REMAIN IN THE CLASSIFICATION AFTER EMPLOYMENT

Not applicable.

UNUSUAL WORKING CONDITIONS

Works outside in all weather conditions; exposed to dust, mud, dirt, fumes, loud noise & dangerous machinery.

| <u>JOB TITLE</u> | <u>JOB CODE</u> | <u>B. U.</u> | <u>EFFECTIVE</u> | <u>PAY GRADE</u> |
|----------------------|-----------------|--------------|------------------|------------------|
| Equipment Operator 4 | 54414 | 06 | 04/07/2002 | 7 |

JOB DUTIES IN ORDER OF IMPORTANCE (These duties are illustrative only. Incumbents may perform some or all of these duties or other job-related duties as assigned.)

Operates any combination of heaviest types of construction equipment (e.g., 10 ton backhoe, cranes such as wheeled 3/4 yard & up truck mounted, self-propelled, 35 ton wheeled hydraulic boom, 10 ton crawler, 18 ton dozer, heavy crawler & truck mounted excavator, gradall 44,000 pounds & over, tractor trailer with gross vehicle weight of 36,500 pounds or more, fire plow, truck trailer over 50,000 pounds), to excavate & grade ditches, contain wildfires, construct & maintain roads & bridges, dig channels, load &/or haul heavy equipment & materials, clean waterways &/or perform similar operations, operates any or all equipment operated by lower-level equipment operators as needed; or in Department of Administrative Services also operates cranes with 1,200 pound hammer & F-5500 diesel backhoe & front loader to excavate & grade ditches, dig channels, load heavy materials, clean waterways &/or perform similar operations.

Operates variety of lighter, less complicated equipment (e.g., dozers, rollers, tractors, loaders, forklifts, dump trucks, barges, motorboats, pickup trucks) to assist in construction & maintenance operations.

Performs routine maintenance & repair of heavy equipment; completes records & reports.

MAJOR WORKER CHARACTERISTICS

Knowledge of safety practices associated with operation of heavy motorized equipment; arithmetic to include fractions, decimals & percentages. Skill in operation of heavy motorized & construction equipment (e.g., crane, large backhoe & dozer, heavy crawler, gradall, tractor trailer); maintenance & repair of equipment; operation of light & heavy equipment & hand tools (e.g., dump truck, grader, forklift, tractor trailer, chainsaw). Ability to carry out oral & written instructions; complete records & reports; lift 100 pounds; demonstrate physical fitness.

MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT

Formal education in arithmetic to include fractions, decimals & percentages & to read, write & speak common English vocabulary; 6 mos. trg. or 6 mos. exp. in operation of heavy construction equipment (e.g., 10 ton crawler, large cranes, 10 ton backhoe, 18 ton dozer, over 44,000 pound gradall, truck mounted excavator) & related safety practices; valid commercial driver's license; in addition, for positions in Department of Natural Resources, Division of Forestry Wildfire Program only, must successfully complete Basic Firefighter Introduction to Fire Behavior Course (S-130/S-190).

-Or equivalent of Minimum Class Qualifications For Employment noted above.

TRAINING AND DEVELOPMENT REQUIRED TO REMAIN IN THE CLASSIFICATION AFTER EMPLOYMENT

Not applicable.

UNUSUAL WORKING CONDITIONS

Works outside in all weather conditions; exposed to dust, mud, dirt, fumes, noise & dangerous machinery.