

MECHANIZED EQUIPMENT OPERATION MATRIX

Group	1	2	3	4	5	
	State Park Equipment Operators (SPEO) (Requires valid Class A CDL)	² Park Employees no CDL required	² Park Employees possessing valid basic Class C CDL	² Park Employees possessing valid commercial Class B CDL	² Park Employees possessing valid commercial Class A CDL	⁴ Use for non-SPEO operators only when SPEO not available
Tractors 40 HP & below , incl. mowers	³	AT	AT	AT	AT	
Tractor (Loader) 41 HP to 80 HP, incl. mowers	³		SPEO	SPEO	SPEO	
Tractor (Loader) 81 HP to 120 HP	³			SEM	SEM	✓
Tractor (Loader) 121 HP & above	³					
Excavator 35 HP & below	³		SPEO	SPEO	SPEO	
Excavator 36 HP to 50 HP	³			SEM	SEM	✓
Excavator 51 HP & above	³					
Backhoe up to 80 HP (all tractors with backhoe attachment)	³		SPEO	SPEO	SPEO	
Backhoe 81 HP to 120 HP (all tractors with backhoe attachment)	³			SEM	SEM	✓
Backhoe 121 HP & above (all tractors with backhoe attachment)	³					
Roller Compactors 60 HP & below	³		SPEO	SPEO	SPEO	
Roller Compactors 61 HP to 120 HP	³			SPEO	SPEO	
Roller Compactors 121 HP & above	³					
Road Grader 60 HP & below	³		SPEO	SPEO	SPEO	
Road Grader 61 HP & above	³					
Crawler Tractor (Dozer)	³					
Crawler Tractor (Loader) 80 HP & below	³			SEM	SEM	✓
Crawler Tractor (Loader) 81 HP & above	³					
Skid Steer (Compact Loader) 80 HP & below (Tire or Track)	³		SPEO	SPEO	SPEO	
Skid Steer 81 HP to 120 HP (Tire or Track)	³			SEM	SEM	✓
Skid Steer 121 HP & above (Tire or Track)	³					
Sweco type (trail) Dozer 60 HP and below	³		SPEO	SPEO	SPEO	
Sweco type (trail) Dozer 61 HP to 85 HP	³			SEM	SEM	✓
Sweco type (trail) Dozer 86 HP & above	³					
Articulating Front End Loaders up to 80 HP	³		SPEO	SPEO	SPEO	
Articulating Front End Loaders 81 HP & above	³					
Articulating Front End Loaders all HP - Snow Removal use only	³			SEM	SEM	✓
¹ Vehicles 14,000 to 26,000 Gross Vehicle Weight (GVW)	³		SPEO	SPEO	SPEO	
¹ Vehicles 26,001 GVW & over	³			SPEO	SPEO	
Any Trailers Under 10,000 GVW (not limited to BU12 employees)	³		SPEO	SPEO	SPEO	
¹ 5th Wheel Trailers 10,000 GVW & over	³				SPEO	
¹ 5th Wheel Trailers under 10,000 GVW	³		SPEO	SPEO	SPEO	
¹ Trailers 10,000 GVW & over	³				SPEO	
Self-Propelled Personnel Lifts	OSHA	OSHA	OSHA	OSHA	OSHA	
¹ Vehicle Mounted Personnel Lifts	OSHA	OSHA	OSHA	OSHA	OSHA	
Fork Lifts (including reach lifts & fork attachments on any equipment)	OSHA	OSHA	OSHA	OSHA	OSHA	
Any Other Equipment not specifically listed 60 HP & below	³		SPEO	SPEO	SPEO	
Any Other Equipment not specifically listed 60 HP & above	³					

For the purpose of this DN and the above matrix, "Tractors" means all variations of tractors and their various attachments.

FOOTNOTES:

¹A commercial class A CDL is required for any combination of vehicle and trailer where the vehicle is over 26,000lbs GVWR and/or the trailer is 10,000lbs GVWR or above. A commercial class A CDL is required for any vehicle pulling a trailer 10,000lbs GVW or above. A commercial class B CDL is required for any vehicle (no trailer) over 26,000lbs GVWR. If a driver has an automatic transmission restriction, then the driver can only drive vehicles over 26,000lbs GVWR with automatic transmissions. If a driver has an air brake restriction, then the driver can only drive vehicles over 26,000lbs GVWR that are not equipped with air brakes.

¹Drivers holding a commercial license of any class are required to demonstrate driving proficiency before driving unsupervised. Such proficiency must be documented and retained in the Biennial Inspection Terminal (BIT) files. (Per CCR, Title 13, Sections 1229 and 1234.)

¹Any driver with commercial class A or B CDL must have appropriate hazardous material endorsement in order to haul Hazardous Material.

²Per DAM 02610.61, it is not appropriate for a Park Aid or Senior Park Aid to operate mechanized equipment or vehicles requiring a commercial class A or B CDL.

²Includes appropriate park employees regardless of time-base. Volunteers are not considered employees (see Dept. Notice No. 2004-06).

³SPEOs, per classification specifications, should have the experience and knowledge required to operate the majority of equipment listed. There may be instances where an SPEO requires additional training for specific equipment; in these instances, the SPEO should contact district management or the Statewide Equipment Manager for assistance.

⁴Operation of the equipment listed in the matrix with a checkmark under the "Use for non-SPEO operators only when SPEO not available" column is authorized only when an SPEO is not reasonably available. An SPEO is considered not reasonably available upon the determination of District management. Non-SPEO operators are not to be used in the operation of this equipment for project-based work.