

Roads, Flagging, Vehicles and Flammables

Section F of the forest Activities
Code

Roads

Haul roads must be of sufficient width and evenness for safe operation of vehicles and machines.

Haul roads and bridges must be constructed and maintained to accommodate the safe movement of vehicles and equipment.

When haul roads exceed 20 percent slope:

The vehicles must be approved for operation on steeper slopes.

Additional precautions must be taken.

Deep holes, large rocks, logs or other dangerous surface defects on roads must be corrected before starting logging operations.

On those portions of roads under the direct control of the employer:

All danger trees must be felled.

Loose rocks, stumps and other materials which present a hazard must be secured or cleared from banks.

Rootwads, logs and other unstable debris must not be placed against standing timber creating a hazard for timber falling, logging operations or other forest activities.

Bridges:

Must be in good repair.

Adequate to support the maximum imposed loads.

Have rub rails that meet a minimum standard and are secured to the bridge.

Who inspects haul roads for hazardous conditions?

Who inspects roads and bridges to assure they are adequate?

What do we do if the rub rails or any other part of a bridge do not meet the requirements?

Flagging

Warning signs and a flagger must be placed in advance of active operations, or other protection must be used on roads to control traffic where hazardous conditions are created by forest activities.

Flaggers must wear vests of high visibility color and use a stop/slow paddle sign to control traffic.

Along state and county roads flagging activities must comply with the MUTCD.

Who decides when flagging is required?

Who does the flagging?

What does MUTCD stand for?

Warning signs must be displayed a minimum of 300 feet in advance of forest activities which create hazardous conditions for road traffic.

Warning signs must be removed or covered when forest activities are interrupted for an extended period.

Warning signs must be worded to describe type of hazard.

Warning signs must:

Be a minimum dimension of 24”x24” diamond.

Have an orange background.

Have 4 inch black letters.

Where do we get our traffic control signs?

Who sets up the traffic control?

How do we know if our traffic control is not working?

Vehicle general requirements:

A positive shut-off must be provided within reach of the operator in normal operating position.

Vehicles must be equipped with adequate steps, ladders, handholds or grab bars to provide safe access and egress.

Steps must be slip resistant.

Seats must be securely fastened.

Doors must open easily.

All vehicles must be equipped with a horn or warning device which can be clearly heard above the surrounding noise.

Vehicles windshields must be equipped with powered wipers.

Vehicles must be equipped with operable windshield defogging or defrosting equipment.

Defective or broken glass which impairs the vision of the operator or could cause injury to occupants must be replaced.

Vehicles must be equipped with an adjustable sun visor.

Passenger compartments:

Floors and decks must be suitable for safe footing.

Passenger compartments must be reasonably dust-proof and water tight.

Do our vehicles have adequate steps and hand holds for entering and leaving vehicles?

Who inspects vehicles before using?

How do we get safety issues fixed? Do any of our vehicles have windshields that impair vision or create a hazard?

Do any of our vehicles have a horn that does not work?

Vehicle brakes:

All vehicles must have brakes which are capable of stopping the vehicle while fully loaded on any grade they are operated on.

All vehicles must have a parking brake that will hold the loaded vehicle on any grade which it is operated.

Vehicle exhaust systems:

Must have an exhaust system maintained in good repair.

Must be equipped with a muffler of the type recommended by the manufacturer.

Exposed pipes must be insulated or isolated to protect workers.

Do all our vehicles have parking brakes?

Do all the parking brakes work?

How do we get them fixed if they do not work?

Vehicle guards and controls:

Vehicles with dump bodies must have a permanently attached positive means of support to prevent the accidental lowering of the dump bed.

Devices for supporting the bed must be used when:

The dump bed is raised and left unattended.

Maintenance or inspection work is being done.

Operating levers controlling hoisting or dumping devices must have a latch to prevent accidental starting.

Trip handles must be located so personnel are in the clear when dumping.

All vehicles designed or used primarily to transport personnel or material over private or public roads must have seat belts.

For each vehicle equipped with seat belts the employer must:

Require all personnel to use seat belts

Require all personnel to tightly fasten seat belts.

Maintain seat belts in a serviceable condition.

Replace seat belts which have been removed from any vehicle that was equipped with seat belts at time of manufacture.

Do all our vehicles have seat belts?

Are all the seat belts in a serviceable condition?

Vehicles must be checked at the beginning of each shift to assure they are in safe condition.

Any defect found in the inspection must be corrected before the vehicle is placed in service.

Any vehicle which develops defects vital to safe operation must be removed from service until repairs are made.

Vehicle operation:

Vehicles must be operated by trained and authorized personnel.

Vehicles must not be moved until all personnel, other vehicles and machines are in the clear.

Vehicle must not be driven or backed up to anyone standing in between the vehicle and a stationary object.

Any operator who has an obstructed view to the rear of a vehicle must sound an audible warning before backing up unless the:

Vehicle is backed up only when an observer signals the driver is safe to do so.

Operator verifies that nobody is behind the vehicle.

When vehicles are parked the parking brake must be set before the operator leaves the operators station.

Vehicles must not be loaded beyond capacity.

All loads must be stable and well balanced.

Who is authorized to drive vehicles?

How do we get defects discovered during the day repaired?

How do we know vehicles are being inspected daily?

Transportation of personnel:

Workers riding in motor vehicles must not stand while the vehicle is in motion.

Flatbeds and dump trucks must not be used to transport workers.

When materials, equipment and tools are transported in the same compartment with workers, the workers and driver must be protected by partition or securing the load.

Compartments for workers must be kept in a clean and sanitary condition.

Who is responsible for cleaning the passenger compartment?

Are garbage bags provided to keep the compartment clean?

Containers of flammable and combustible liquids must be marked in accordance with the rules for hazard communications.

Smoking within 35 feet of vehicles being fueled is prohibited.

Tanks, barrels or containers of gasoline, aviation fuel or diesel must not be hauled on vehicles transporting workers except when:

Carried in a suitable location outside the driver passenger compartment or placed in a well-ventilated vapor-proof compartment.

Secured to prevent shifting.

Do we haul fuel in vehicles transporting workers?

Are all of our 5-gallon or smaller containers approved for hauling fuel?