

# PRE-TRIP LOG TRUCK INSPECTION PROCEDURE

(For a conventional tractor. Make adjustments for cab-overs.)

The Forest Resources Association's Southwide Safety Committee developed this form as a guide to trucking safety for log truck drivers.

**APPROACHING** the truck, note general condition, look for fluid leaks underneath.

**UNDER HOOD** check fluid levels, fan, and compressor belts.

**IN CAB** start engine and set at fast idle. Check for abnormal engine noise. Check gauges for normal readings (pilot lights, if equipped). "Low Air" warning should operate if air pressure is below 60 pounds. Check emergency equipment, horn(s), windshield wipers, fire extinguisher, triangles, spare fuses (load flag for tree-length truckers). Check steering slack and clutch play. Be sure hard hat is in cab or on your head. Turn on all lights, including four-way flashers. Check and engage parking brake. Check operation of headlight high/low beam switch and EXIT CAB for walk-around.

**STEP 1 – CAB LEFT** – Check left front wheel, tire, lugs, rims. Check left front suspension and left front brake (drive, hoses, air chamber mounting, slack adjusters).

**STEP 2 – CAB FRONT** – Check front headlights, clearance, lights, parking and identification lights, reflectors, and turn signals. Check steering system and front axle. Check condition of windshield, wipers, and wiper arms.

**STEP 3 – CAB RIGHT** – Repeat STEP 1 checks.

**STEP 4 - SADDLE TANK RIGHT** – Check fuel tank(s) mounting, lines, and caps. Check drive shaft, exhaust system, frame and cross members, air lines, and electrical wiring.

**STEP 5 – TRAILER FRONT** – Check air and electrical connections (glad hands, electrical receptacle and safety catch, line securement and slack, manual petcocks). Check front trailer clearance lights and reflectors.

**STEP 6 – TRACTOR REAR RIGHT** – Check tires, wheels, lugs, and hubs. Check matching of duals and remove debris stuck between duals. Check springs, spring hangers, shackles, and U-bolts. Check brakes (see STEP 1). Drain air tank.

**STEP 7 – TRACTOR REAR UNDER** – Check frame and cross members, lights and reflectors, and securement of air and electrical lines.

**STEP 8 – COUPLING SYSTEM** – Check fifth wheel mounting, parts, no visible space between upper and lower fifth wheel, locking jaws around the shank of the pin. Check condition of kingpin. Check release lever and safety latch/lock. (Additional checks necessary for sliding fifth wheel.) Check air and electrical lines visible from this point. Check mudflaps.

**STEP 9 – TRAILER RIGHT** – Check landing gear and crank-handle securement. Check trailer side clearance length/reflectors. Check frame, cross members, gussets, braces, standards, and bolsters. If loaded, check load securement.

**STEP 10 – TRAILER WHEELS RIGHT** – Check wheels, rims, tires, brakes, suspension, as before. If equipped, check sliding axle position, alignment, condition, and locks.

**STEP 11 – TRAILER REAR** – Checks lights and reflectors. Check mudflaps. Check rear end protection.

**STEP 12 – TRAILER WHEELS LEFT** – Repeat STEP 10 CHECKS.

**STEP 13 – TRAILER LEFT/TRACTOR LEFT REAR** – Repeat STEP 9 and STEP 6 checks.

**STEP 14 – SADDLE TANK LEFT** – Repeat STEP 4 checks plus battery (if not mounted elsewhere).

**IN CAB** re-check all gauges. Air pressure should be at maximum. Use air brake check appropriate for the system. Apply service brakes and hold for one minute with engine idling. After initial pressure drop of 5-10 psi, pressure drop should not exceed 4 psi. Turn off four-way flasher and activate left and right turn signals, checking the front lights to determine proper operation,

Make a **TEST STOP** before leaving vicinity where parked.

**LOG TRUCK DRIVER'S INSPECTION CONDITION REPORT**

Check Defects Only. Explain Under REMARKS.

**TRACTOR:**

Truck or Tractor No. \_\_\_\_\_ Mileage (No Tenths) \_\_\_\_\_

General Condition

- Cab/Doors/Windows
- Body/Doors
- Oil Leak
- Grease Leak
- Coolant Leak
- Fuel Leak
- Other

Engine Compartment

- Oil Level
- Coolant Level
- Belts
- Other

In-Cab

- Gauges/Warning Indicators
- Windshield Wipers/Washers
- Horn(s)
- Cab Housekeeping
- Heater/Defroster/AC
- Mirrors
- Steering
- Clutch
- Service Brakes
- Parking Brakes
- Emergency Brakes
- Triangles
- Fire Extinguisher
- Hard Hat
- Other Safety Equipment
- Spare Fuses
- Seat Belts
- Radio
- Other

Exterior

- Lights
- Reflectors
- Suspension
- Tires
- Wheels/Rims/Lugs
- Battery
- Exhaust
- Brakes
- Air Lines
- Light Line
- Fifth-Wheel
- Mudflaps
- Other

No Defects

**TRAILER:**

Trailer No. \_\_\_\_\_

General Condition

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Lights                | <input type="checkbox"/> Landing Gear/Pins/Winch     | <input type="checkbox"/> Licenses                 |
| <input type="checkbox"/> Reflectors            | <input type="checkbox"/> Mudflaps                    | <input type="checkbox"/> Frame/Standards/Bolsters |
| <input type="checkbox"/> Brakes/Suspension     | <input type="checkbox"/> Load                        | <input type="checkbox"/> Other _____              |
| <input type="checkbox"/> Tires                 | <input type="checkbox"/> Flag/Warning Light/Overhang | <i>(identify)</i>                                 |
| <input type="checkbox"/> Wheels/Rims/Lugs/Hubs | <input type="checkbox"/> Binders                     |   |

**REMARKS:** \_\_\_\_\_

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**MAINTENANCE ACTION:**

Date: \_\_\_\_\_

Repairs Made: \_\_\_\_\_

No Repairs Needed: \_\_\_\_\_

Certified By: \_\_\_\_\_

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**REPORTING DRIVER:**

Name: \_\_\_\_\_ Date: \_\_\_\_\_



Southwide Safety Committee  
**Forest Resources Association Inc.**  
1901 Pennsylvania Ave. NW, Suite 303  
Washington, DC 20006  
202-296-3937

