



Ohio Class A Pre-Trip Checklist

In Vehicle / Engine Start

Emergency Equipment: 10lbs. BC rated fire extinguisher, fully charged and securely mounted. Three red reflective triangles, not cracked or broken and securely mounted. Spare fuse for every fuse in the truck or circuit breaker equipped.

Lighting Indicators: Turn key to on, check ABS light and DEF/DPF light (if equipped), should come on and go off within a few seconds. (tell examiner that truck is not equipped with DEF if there is no light.) Safley start the truck. Check each light on the dash. Left turn indicator ,right turn indicator, 4 way hazards, high beam indicator.

Heater / Defroster: Turn on defroster and heater, check they work.

Wipers and Washer: Turn on to check wipers and washer fluid is working. Wiper blades are securely mounted, not cracked or broken, they are tight against windshield.

Horn(s): Apply both city and air horn.

Windshield and traffic monitoring devices: Windshield not chipped, cracked, or broken. Clean. Free of obstruction. Mirrors clean, not chipped, cracked, or broken and properly adjusted.

Parking and trailer brake check: Release tractor parking brake (yellow valve). Put it in 4th gear and slowly release clutch to friction point, and pull on trailer to see if the trailer brakes

hold. Set tractor and release trailer (red valve). Slowly release clutch to friction point, and make sure the parking brake holds.

Service brake check: Pull forward approx.. 5 mph and apply service brake. Check it stops the truck doesn't pull to the left or right and no unusual noises.

Failure to complete the air brake check as described will result in a automatic failure.

Air brake check: 1 **Governor cut-out.** Build air pressure to governor cut out between 120 and 140. Bring rpm up to 1500. What until air cuts out (dryer purges). Tell them what the air pressure is. Put the truck in gear. Shut off engine. Turn key to on.

2. **Air leakage rate.** Release both brakes(push in the red and yellow valves). Wait for air pressure to stabilize. Then lightly press on the service brake and hold it. Tell the examiner you will hold it for 60 seconds and watch the air gauge doesn't drop more than 4 psi.. Ask them if they want to time it or if you should. After 60 sec. confirm that it didn't drop more than 4psi..

3. **Low air Warning:** The low air warnings (light and buzzer) must come on before the air pressure drops below 55psi.. Fan the air pressure down by applying and releasing the service brake. Continue pumping the brake until they come on and confirm that the air pressure is above 55psi..

4. **Emergency brakes:** The emergency brake must come on between 20 and 45psi.. Fan the air down until both brakes set (valves pop out).

Light Operation check: Have the examiner step out to the front right side of the truck and go thru all the lights in front of and on the right side. Then have them go to rear left side and do the back and left side.

Front of Vehicle/Engine Area

Light lens check: Check all the lens are securely mounted, not chipped or cracked, proper color of amber or clear.

Fluid level: Check coolant is between add and full. Check oil is between add and full.
Check power steering fluid is between add and full.

Fluid and air leaks: Look under engine area for any drips or puddles that is a indication of leaking fluids. Also listen for any air leaks.

Steering system: Check steering shaft, gear box, pitman arm, drag link, steering knuckle, and tie rod. Should be securely mounted, not bent or missing parts, with castle nut and cotter pins.

Steering Axle

Tires: Check ICD (inflation, condition, and depth) Tires have no Abrasions, Bulges, or cuts. (ABC). Tread depth is no less than 4/32 and wore evenly across. Tell them you would take a tire gauge and check pressure to tire manufacturer specs.

Rims: Are not bent or broken.

Lug nuts: Are tight, no rust tracks or shinny spots.

Springs/Mounts/Ubolts and Shocks: Check spring hangers front and back, springs and u-bolts. Check shocks.

Brake Lines/Hoses: Check brake line is secure no ABC and not leaking.

Brake contaminates: Check inside and around the rim for any oil or grease.

Side of Vehicle

Lenses: Check all lenses and reflectors are secure, not cracked or broken, proper color.

Traffic monitoring devices: Check mirror brackets, secure not bent or broken.

Battery: Check the batteries are secure, no corroded or broken wires.

Fuel Tank/DEF tank: Check Fuel and DEF tank is secured by straps and not leaking.

Frame: Check the frame is not cracked, bent and no illegal welds.

Combination

Air and electric lines and connectors: Check the connections at the truck , the lines and connections at the trailer. Not cracked , broken, no ABC, and no leaks.

Fifth wheel skid plate: Check its secure, no bent broken parts.

Kingpin and apron: Check there secure, not bent or broken, and no space in between apron and skid plate.

Locking and safety devices: Check the release handle is in the lock position and the locking jaws are locked around the kingpin.

Trailer

Landing gear: Check the landing gear is not bent or broken, it is all the way up and handle is in the stowed position. Check that there is enough clearance between it and the truck.

Lenses and reflectors: Check all lenses and reflectors and reflection tape as you walk down the side of the trailer.

Rear of trailer

Lenses and reflectors: Check all lenses and reflectors.

Tell them you would check the right side the same way as the left side.