PRE-TRIP INSPECTION PROCEDURE

STATIONS 1 AND 2 - IN AND IN FRONT OF CAB AND ENGINE COMPARTMENT

• Check steering mechanism for damaged parts and/or excess travel
• Check parking (hand) brake and service brakes
• Check city and highway horn
• Check windshield wiper(s) operational, wiper blades, and arms
• Check rear vision mirror(s)
• Check headlamps, signal indicators, markers, and reflectors
• Check emergency equipment (fire extinguisher, triangles, flares)
• Check hoses, belts, fluid levels, and leaks (air and liquid)

STATIONS 3, 6, 10, AND 12 - WHEELS AND BRAKES

• Inspect wheels for cracks, bent rims and broken studs, clamps, and lugs
• Check tire inflation and valve stems; look for cuts, bulges, tread wear, and signs of misalignment
• Inspect wheel bearing and hub for leaking
• Dual wheels should be evenly matched with the same type of tires
• Check the condition of the brake drums, hoses, air chamber mounting, and slack adjusters

STATIONS 4 AND 14 - SADDLE TANKS

• Fuel tanks and caps should be secure and not leaking
• Check for leaks from the rear of the engine, transmission, drive shaft, and exhaust system
• Air lines and electrical wiring should be secure
• Check frame and cross members for damage
• Battery and battery box should be secure; check battery fluid and cell caps
• Drain moisture from the air tank; close the petcock

STATION 5 - TRAILER FRONT

• Glad hands should be properly mounted, undamaged, and not leaking
• Check the seating and safety catch on electrical plugs, and secure air and electrical lines against tangling, snagging, and chafing, with sufficient slack for turns

STATION 7 - REAR OF TRACTOR

• Cross members should not be bent or cracked
• Lights and reflectors should be clean and operating
• Secure air lines to frame

STATION 8 - FIFTH WHEEL

• The fifth wheel should be securely mounted to the frame with no missing or damaged parts and no visible space between the upper and lower fifth wheel
• Locking jaws should secure the shank, not the head of the kingpin, and the release lever should be properly seated and the safety lock engaged

STATIONS 9 AND 13 - TRAILER SIDES

• Landing gear and dollies should be raised (check for damage)
• Check for air or hydraulic leaks
• Check the spare tire rack for damage, and secure the wheel after checking its inflation level
• Lights should be clean and operating
• All placards should match

STATION 11 - TRAILER REAR

• Cargo and tailboard should be secured, and canvas or tarp lashed down
• Latch and lock rear doors and check the underguard
• Check lights and reflective tape