

PRE-TRIP INSPECTION OF TRACTOR TRAILERS

APPROACH

Vehicle level _____
 Oil leak _____
 Coolant leak _____

DOOR AREA

Mirror _____
 Turn signal _____
 Door _____
 Window _____
 Steps _____
 Handrails _____

SIDE COMPARTMENT

Reflective triangles _____
 Equipped first aid kit _____
 Charged fire extinguisher _____
 Spare bulbs and fuses _____
 Wheel chocks _____

ENGINE COMPARTMENT

Power steering fluid _____
 Air compressor _____
 Water pump _____
 Alternator/Generator _____
 Engine leaks _____

TRACTOR FRONT

Clearance lights _____
 Windshield _____
 Windshield wiper arms _____
 Headlights _____
 Coolant level _____
 Oil level _____
 Steering box _____
 Steering linkage _____
 Cotter key _____

TRACTOR SIDE

Fuel tank _____
 Fuel leaks _____
 Frame _____
 Catwalk _____
 Driveshaft _____
 Air lines _____
 Electrical cord _____
 Exhaust system _____
 Turn signals _____
 Brake lights _____

SUSPENSION

	Axle: Steering	Drive: Front	Drive: Rear	Trailer: Front	Trailer: Rear
Springs	_____	_____	_____	_____	_____
Spring hangers	_____	_____	_____	_____	_____
Spring mounts	_____	_____	_____	_____	_____
Shock absorber	_____	_____	_____	_____	_____
Torsion shock	_____	_____	_____	_____	_____

BRAKES

	Axle: Steering	Drive: Front	Drive: Rear	Trailer: Front	Trailer: Rear
Air hoses	_____	_____	_____	_____	_____
Air brake cleaner	_____	_____	_____	_____	_____
Slack adjuster	_____	_____	_____	_____	_____
Brake shoes	_____	_____	_____	_____	_____
Brake lining	_____	_____	_____	_____	_____
Brake drum	_____	_____	_____	_____	_____

WHEELS/TIRE

	Axle: Steering	Drive: Front	Drive: Rear	Trailer: Front	Trailer: Rear
Rim	_____	_____	_____	_____	_____
Spacer	_____	_____	_____	_____	_____
Tires	_____	_____	_____	_____	_____
Tire pressure	_____	_____	_____	_____	_____
Tire depth	_____	_____	_____	_____	_____
Lug nuts	_____	_____	_____	_____	_____
Hub oil seal	_____	_____	_____	_____	_____
Axle seat	_____	_____	_____	_____	_____
Axle seal	_____	_____	_____	_____	_____

TRAILER FRONT

Air lines _____
 Electrical cord _____
 Header board _____
 Clearance lights _____
 Reflector _____
 Kingpin apron _____

TRAILER SIDE

Landing gear _____
 Crank handle _____
 Sandpads _____
 Frame (2) _____
 Crossmembers (2) _____
 Floor _____
 Door _____
 Ties (2) _____
 Clearance lights _____
 Running lights _____
 Reflectors _____

TRAILER REAR

Door _____
 Ties (4) _____
 Clearance lights _____
 Reflectors _____
 Turn signals _____
 Brake lights _____

FIFTH WHEEL/COUPLING

Mounting bolts _____
Locking pins _____
Release arm _____
Safety latch _____
Kingpin _____
Kingpin apron _____
Locking jaws _____
Daylight _____
Lights/reflectors _____

INSIDE CAB INSPECTION OF TRACTOR TRAILER

CAB INSPECTION

Seatbelt on _____
Mirrors _____
Windshield _____
Windshield wiper blades _____
Air horn _____
City horn _____
Steering wheel _____
Clutch _____
Gear shift _____

ENGINE START

Oil pressure building _____
Air pressure building _____
Ammeter/Voltmeter charging _____
Dash illumination lights _____
Hazard lights _____
Turn signals _____
Heater/defroster _____

AIR BRAKE TEST

Wheels chocked _____
Key on, engine on _____
85-100 psi (45 sec) _____
Air governor cut out (125 psi) _____
Air governor cut in (100 psi) _____
Air build up (125 psi) _____

AIR LEAKAGE TEST

Engine off _____
Key on _____
Brakes off (15 psi initial loss) _____
Brakes off (3 psi in 1 minute) _____
Brakes on (90 psi to brake pedal) _____
Brakes on (4 psi in 1 minute) _____
Low air warning devices (60 psi) _____
Spring brakes on (20-40 psi) _____

PARKING AND SERVICE BRAKE TEST

Key out _____
Chocks stored _____
Seatbelt on _____
Air pressure built to 125 psi _____
Spring brakes hold when on _____
Service brakes stop vehicle _____