| OpsAuditHub<br>opsauditihub.com | DOC ID: **SAF-0209** | REVISION: **Rev 2.4 (2026)** |
|---|---|---|
| | STANDARD: **FMCSA 49 CFR 396.13 & OSHA 29 CFR 1910.178** | AUDIT FREQUENCY: **Daily Pre-Shift** |

# Commercial Vehicle Pre Trip Inspection Checklist

**Operational Scope:** This commercial vehicle pre trip inspection checklist mandates the systematic evaluation of all critical mechanical and safety systems prior to fleet deployment. Its primary objective is to mitigate catastrophic roadway failures, eliminate compliance violations, and ensure absolute operational safety.

| | |
|---|---|
| **MANDATORY PPE:** | High-Visibility Vest (ANSI/ISEA 107 Class 2), Steel-Toe Safety Boots (ASTM F2413), Safety Glasses with Side Shields (ANSI Z87.1), Heavy-Duty Leather or Nitrile-Coated Gloves, Bump Cap (ANSI Z89.1) |
| **PREREQUISITES:** | Vehicle parked on level ground with parking brake fully engaged and transmission in neutral/park. \| Engine turned off with keys removed from ignition (or lockout/tagout applied if under maintenance). \| Review previous shift's DVIR (Driver Vehicle Inspection Report) to verify prior defects were resolved. |

## EXTERIOR & CAB-UNDER-HOOD INSPECTION

| # | COMPONENT / ITEM | VERIFICATION CRITERIA & ACCEPTANCE STANDARD | SEVERITY | STATUS |
|---|---|---|---|---|
| 1 | **Fluid Levels & Leaks** | Engine oil, coolant, power steering, and windshield washer fluids at safe operating levels with no active puddles or severe leaks. | Warning | [ ] PASS<br>[ ] FAIL<br>[ ] N/A |
| 2 | **Belts, Hoses & Wiring** | All drive belts show no severe cracking or fraying; hoses lack bulging or soft spots; electrical wiring harnesses are securely anchored without exposed copper. | Critical (Immediate Out of Service) | [ ] PASS<br>[ ] FAIL<br>[ ] N/A |
| 3 | **Tires, Wheels & Lugs** | Tread depth meets minimum legal limits (4/32" steer, 2/32" drive/trailer), inflation matches placard, sidewalls are free of bulges/cuts, and all lug nuts are present with no rust trails. | Critical (Immediate Out of Service) | [ ] PASS<br>[ ] FAIL<br>[ ] N/A |
| 4 | **Steering Mechanism** | Steering column and linkage free of excessive play, loose mounting bolts, or damaged universal joints. | Critical (Immediate Out of Service) | [ ] PASS<br>[ ] FAIL<br>[ ] N/A |

## BRAKE SYSTEMS & SAFETY EQUIPMENT

| # | COMPONENT / ITEM | VERIFICATION CRITERIA & ACCEPTANCE STANDARD | SEVERITY | STATUS |
|---|---|---|---|---|
| 5 | **Air Brake / Hydraulic Brake System** | Air pressure builds properly (85-100 psi in < 45s); low air warning activates correctly; air loss rate does not exceed 3 psi per minute with brakes applied. | Critical (Immediate Out of Service) | [ ] PASS<br>[ ] FAIL<br>[ ] N/A |
| 6 | **Emergency & Safety Equipment** | Fire extinguisher is fully charged and inspected; emergency warning triangles (set of 3) and spare electrical fuses are securely stowed and accessible. | Standard | [ ] PASS<br>[ ] FAIL<br>[ ] N/A |
| 7 | **Coupling Devices (If Towing)** | Fifth wheel, pintle hook, or hitch assembly is securely locked with safety chains/cables intact and no excessive wear. | Critical (Immediate Out of Service) | [ ] PASS<br>[ ] FAIL<br>[ ] N/A |

## LIGHTING, VISIBILITY & CAB CONTROLS

| # | COMPONENT / ITEM | VERIFICATION CRITERIA & ACCEPTANCE STANDARD | SEVERITY | STATUS |
|---|---|---|---|---|
| 8 | **Lighting & Reflectors** | All headlights, taillights, brake lights, turn signals, hazard flashers, and clearance/ID lights are clean, operational, and undamaged. | Warning | [ ] PASS<br>[ ] FAIL<br>[ ] N/A |
| 9 | **Windshield, Mirrors & Wipers** | Windshield is free of major cracks or illegal obstructions in the sweep path; mirrors are properly adjusted and clean; wiper blades clear glass effectively. | Warning | [ ] PASS<br>[ ] FAIL<br>[ ] N/A |
| 10 | **Horn, Defroster & Seatbelts** | Audible horn functions; heater and defroster clear cabin windows; driver seatbelt retracts smoothly and latches securely without fraying. | Critical (Immediate Out of Service) | [ ] PASS<br>[ ] FAIL<br>[ ] N/A |

| | | |
|---|---|---|
| **Certified Inspector / Lead Operator Signature:** _____ | **Date / Time:** _____ | **Badge / Cert #:** _____ |
| **Site Safety Supervisor / Operations Manager Sign-off:** _____ | **Review Date:** _____ | **Audit Status:** [ ] Approved [ ] Rectify |

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