

SCHEDULE 1 (TRUCKS,  
TRACTORS & TRAILERS)

**“Defects” are in plain text**  
**“Major Defects” are bolded on shaded**  
**background & show the letter “M”**

**1. AIR BRAKE SYSTEM**

- 1.1 audible air leak
- 1.2 slow air pressure build-up rate
- 1.3M pushrod stroke of any brake exceeds the adjustment limit**
- 1.4M air loss rate exceeds prescribed limit**
- 1.5M inoperative towing vehicle (tractor) protection system**
- 1.6M low air warning system fails or system is activated**
- 1.7M inoperative service, parking or emergency brake**

**2. CAB**

- 2.1 occupant compartment door fails to open
- 2.2M any door fails to close securely**

**3. CARGO SECUREMENT**

- 3.1 insecure or improper load covering
- 3.2M insecure cargo**
- 3.3M absence, failure, malfunction or deterioration of required cargo securement device or load covering**

**4. COUPLING DEVICES**

- 4.1 coupler or mounting has loose or missing fastener
- 4.2M coupler is insecure or movement exceeds prescribed limit**
- 4.3M coupling or locking mechanism is damaged or fails to lock**
- 4.4M defective, incorrect or missing safety chain/cable**

**5. DANGEROUS GOODS**

- 5.1M dangerous goods requirements not met**

**6. DRIVER CONTROLS**

- 6.1 accelerator pedal, clutch, gauges, audible & visual indicators or instruments fail to function properly

**7. DRIVER SEAT**

- 7.1 seat is damaged or fails to remain in set position
- 7.2M seatbelt or tether belt is insecure, missing or malfunctions**

**8. ELECTRIC BRAKE SYSTEM**

- 8.1 loose or insecure wiring or electrical connection
- 8.2M inoperative breakaway device**
- 8.3M inoperative brake**

**9. EMERGENCY EQUIPMENT & SAFETY DEVICES**

- 9.1 emergency equipment is missing, damaged or defective

**10. EXHAUST SYSTEM**

- 10.1 exhaust leak, except as described in major defects
- 10.2M leak that causes exhaust gas to enter the occupant compartment**

**11. FRAME & CARGO BODY**

- 11.1 damaged frame or cargo body
- 11.2M visibly shifted, cracked, collapsing or sagging frame member**

**12. FUEL SYSTEM**

- 12.1 missing fuel tank cap
- 12.2M insecure fuel tank**
- 12.3M dripping fuel leak**

**13. GENERAL**

- 13.1M serious damage or deterioration that is noticeable & may affect the vehicle’s safe operation**

**14. GLASS & MIRRORS**

- 14.1 required mirror or window glass fails to provide the required view to the driver as a result of being cracked, broken, damaged, missing or maladjusted
- 14.2 required mirror or glass has broken or damaged attachments onto vehicle body

**15. HEATER/DEFROSTER**

- 15.1 control or system failure
- 15.2M defroster fails to provide unobstructed view through the windshield**

**16. HORN**

- 16.1 vehicle has no operative horn

**17. HYDRAULIC BRAKE SYSTEM**

- 17.1 brake fluid level is below indicated minimum level
- 17.2M brake boost or power assist is not operative**
- 17.3M brake fluid leak**
- 17.4M brake pedal fade or insufficient pedal reserve**
- 17.5M activated (other than ABS) warning device**
- 17.6M brake fluid reservoir is less than ¼ full**
- 17.7M parking brake is inoperative**

**18. LAMPS & REFLECTORS**

- 18.1 required lamp does not function as intended
- 18.2 required reflector is missing or partially missing

*When use of lamps is required*

- 18.3M failure of both low-beam Headlamps**
- 18.4M failure of both rearmost tail lamps**

*At all times*

- 18.5M failure of a rearmost turn-indicator lamp**
- 18.6M failure of both rearmost brake lamps**

**19. STEERING**

- 19.1 steering wheel lash (free-play) is greater than normal
- 19.2M steering wheel is insecure, or does not respond normally**
- 19.3M steering wheel lash (free-play) exceeds prescribed limit**

**20. SUSPENSION SYSTEM**

- 20.1 air leak in air suspension system
- 20.2 broken spring leaf
- 20.3 suspension fastener is loose, missing or broken
- 20.4M damaged (patched, cut, bruised, cracked to braid or deflated) air bag or insecurely mounted air bag**
- 20.5M cracked or broken main spring leaf or more than one broken spring leaf**
- 20.6M part of spring leaf or suspension is missing, shifting out of place or in contact with another vehicle component**
- 20.7M loose U-bolt**

**21. TIRES**

- 21.1 damaged tread or sidewall of tire
- 21.2 tire leaking, if leak cannot be heard
- 21.3M flat tire**
- 21.4M tire leaking, if leak can be felt or heard**
- 21.5M tire tread depth is less than wear limit**
- 21.6M tire is in contact with another tire or any vehicle component other than mud-flap**
- 21.7M tire is marked “Not for highway use”**
- 21.8M tire has exposed cords in the tread or outer side wall area**

**22. WHEELS, HUBS & FASTENERS**

- 22.1 hub oil below minimum level (when fitted with sight glass)
- 22.2 leaking wheel seal
- 22.3M wheel has loose, missing or ineffective fastener**
- 22.4M damaged, cracked or broken wheel, rim or attaching part**
- 22.5M evidence of imminent wheel, hub or bearing failure**

**23. WINDSHIELD WIPER/ WASHER**

- 23.1 control or system malfunction
- 23.2 wiper blade damaged, missing or fails to adequately clear driver’s field of vision

*When use of wipers or washer is required:*

- 23.3M wiper or washer fails to adequately clear driver’s field of vision in area swept by driver’s side wiper**

# REFERENCE GUIDE

## CARGO SECUREMENT

An insecure load is defined as cargo that can leak, spill, blow, fall from or through, or become dislodged or shift upon or within the vehicle. Failure to properly secure your load could result in demerit points, CVOR points and/or fines to the driver.

## EMERGENCY EQUIPMENT & SAFETY DEVICES

- Safety Triangles
- First Aid Kit
- Fire Extinguisher

## VEHICLE DOCUMENTATION

**Registration**  
**Insurance Certificate**  
**CVOR Certificate**  
**CoH Inspection Book**  
**Schedule 1**  
**Annual Inspection Certificate**  
**Driver Licence**

## BRAKE STROKES

| Chamber Type | Overall Diameter | Maximum Push-Rod Travel |
|--------------|------------------|-------------------------|
| 6            | 4 -1/2"          | 1-1/4"                  |
| 9            | 5-1/2"           | 1-3/8"                  |
| 12           | 5-11/16"         | 1-3/8"                  |
| <b>16</b>    | <b>6-3/8"</b>    | <b>1-3/4"</b>           |
| 16L          | 6-3/8"           | 2.0"                    |
| <b>20</b>    | <b>6-25/32"</b>  | <b>1-3/4"</b>           |
| 20L          | 6-25/32"         | 2.0"                    |
| <b>24</b>    | <b>7-7/32"</b>   | <b>1-3/4"</b>           |
| 24L          | 7-7/32"          | 2.0"                    |
| <b>30</b>    | <b>8-3/32"</b>   | <b>2.0"</b>             |
| 30L          | 8-3/32"          | 2.5"                    |
| 36           | 9"               | 2-1/4"                  |

## AIR BRAKE TESTS

### Low Air Warning

- Warning light and buzzer must activate before 55 psi
- Spring brake must engage at 20-45 psi

### Air Pressure Build Up

- Time the air pressure build up from 85-100 psi
- Must build in less than 2 minutes or its defective

### Air Compressor/Governor

- **Cut-In \*\*Must Occur at 80 psi or above**
- 80 psi is the lowest it can cut in or it's defective
- **Cut-Out \*\*Must occur between 100-145 psi**
- Must cut out by 145 psi or its defective

### Air Loss Rate

- With air pressure at 90-100 psi Release parking/spring brake
- Drop in pressure not to exceed 3 psi per minute or defective

### Spring/Parking Brake Test

- Apply spring brake, put vehicle in drive and attempt to move vehicle ahead. If vehicle moves its defective.

### Service Brake Test

- Slowly move vehicle ahead and apply service brakes. If vehicle does not stop, brakes are defective.

**AIR TANKS MUST BE DRAINED at the end of each day to prevent condensation, rust, and ice build-up in the air lines**