



Class 1 MELT Assessment: Vehicle Pre-trip Inspection

LAST NAME	FIRST NAME	DRIVER'S LICENCE NUMBER
DRIVER TRAINING SCHOOL NAME		STUDENT SIGNATURE

To pass, the student must correctly check and explain each task below without assistance or coaching. Circle the demerit mark for each missed or incorrectly completed item. **No more than 15 demerits allowed.** The student must pass two separate vehicle pre-trip inspection assessments. Tasks in the vehicle pre-trip inspection must be conducted to the standard in Schedule 1 of NSC Standard 13, but may be conducted in any order.

PRE-TRIP INSPECTION CHECK – SECTION A

Ready for Assessment	
Secures the vehicle/blocks wheels	1
Has appropriate tools	1
Drains wet tank (mentions if ADIS)	1
Under the Hood	
Checks oil level	1
Checks other fluids, as required	1
Checks belts and hoses	1
Checks fan blades for condition	1
Checks wire connections	1
Checks steering components	1
Checks compressor and discharge line condition/security	1
Checks governor condition/security, if visible	1
Checks air dryer condition/security, if visible	1
Checks condition/security of all steering axle brake components, including air lines	1
Checks steering axle brake adjustment	1
Explains acceptable pushrod travel limit	1
In-cab	
Enters/exits tractor correctly (3-point contact)	1
Ensures correct seat adjustment and explains minor defects	1
Checks seat belt function and explains major defects	1
Checks mirror condition, adjustment and cleanliness	1
Checks steering wheel freeplay/lash, and explains if excessive	1
Confirms instrument lights function	1
Checks horn/backing alarm and explains any defects	1
Checks defroster/heater/fan – all positions. Explains minor defects	1
Checks windows/windshield condition. Explains minor defects	1
Checks wiper/washer control/wiper blades. Explains minor/major defects	1
Checks high beam indicator	1
Checks 4-way flasher indicator	1
Conducts engine start-up procedure	1
Checks air pressure gauges	1
Checks oil pressure light/gauge	1
Checks voltage indicator	1
Checks engine temperature gauge/light	1
Checks fuel gauge/mileage	1
Checks communication equipment	1
Checks vehicle/insurance documents	1
Confirms compressor build up: 50–90 p.s.i. (345–621 kPa) within 3 min.	1
Confirms governor cuts out at 105–135 p.s.i. (724–931 kPa)	1
Confirms governor cuts in at 20–25 p.s.i. (138–172 kPa) below maximum (min. no lower than 80 p.s.i.). Explains minor build-up time defects	1
Confirms power divider/inter-axle diff. lock in correct position	1
Air Leak Test	
Releases tractor and trailer parking brakes	1
Makes min. 90 p.s.i. (621 kPa) brake application to confirm adequate system air pressure	1
Turns off engine	1
Releases tractor and trailer parking brakes	1
Holds a full service brake application for 1 minute, monitors air pressure gauge and listens for air leaks. Explains minor/major air leak defects and max. air loss rate	1

Low Air Warning	
Fans down air to reduce pressure	1
Checks low air warning system activates by 60 p.s.i. or 414 kPa (audible/visual) and explains major defects if low air warning fails/inactive	1
Tractor Protection System	
Fans air down until trailer brakes apply (above 20 p.s.i. or 138 kPa)	1
Turns off engine	1
Exits cab to verify trailer brakes activated, if applicable	1
Disconnects supply line and ensures no air loss	1
Disconnects service line and ensures no air loss	1
Applies foot valve (3 – 5 sec.) to ensure no air loss	1
Checks condition of glad-hand seals	1
Reconnects supply line	1
Reconnects service line	1
Explains possible major defects in tractor protection system	1
Service/Parking Brake Response	
Removes wheel blocks, with tractor and trailer parking brakes applied	1
Enters cab, releases tractor and trailer parking brakes	1
Performs service brake response test using foot valve	1
Performs service brake response test using trailer hand valve	1
Checks brake response: applies tractor parking brakes and releases trailer parking brakes	1
Checks brake response: applies trailer parking brakes and releases tractor parking brakes	1
Exterior Inspection (all sides)	
Ensures mirrors secure to vehicle	1
Confirms CVIP decal is valid and affixed: Tractor Trailer	1
Checks security of handrail/steps	1
Checks battery condition and security, if accessible	1
Checks condition/security of air lines, including under tractor/in rails	1
Checks exhaust system (muffler/heatshield). Explains minor/major defects	1
Checks frame, body of tractor/trailer and cross members. Explains minor/major defects	1
Checks fuel tanks/fuel cap/fuel system lines. Explains minor/major defects	1
Checks diesel exhaust fluid (DEF) tank	1
Checks suspension components on tractor and trailer. Explains minor/major defects	1
Checks drive shaft and steady bearings	1
Checks position/condition of landing gear and handle	1
Confirms position/condition of sliding axle assembly and pins	1
Checks licence plates secure/valid decal: Tractor Trailer	1
Checks tractor/trailer doors and gates. Explains minor/major defects.	1
Confirms mud flaps present and secure	1
Checks cargo securement. Explains minor/major defects	1
Checks additional equipment/components including axles and axle assemblies	1
Checks security/condition of air tanks	1
Checks condition/security of all drive axle brake components, including air lines	1
Checks drive axle brake adjustment, if applicable	1
Checks condition/security of all trailer axle brake components, including air lines	1
Checks trailer axle brake adjustment and correctly adjusts, if applicable	1
Section A – Total Demerits	

PRE-TRIP INSPECTION CHECK – SECTION B

Emergency Equipment/Safety Devices	
Confirms presence/condition of advanced warning triangles	1
Confirms fire extinguisher is present, if required	1
Confirms first aid kit is present, if required	1
Coupling Devices	
Confirms condition/position: fifth wheel plate/locking jaws (coupler bolts)/pins. Explains minor/major defects	1
Checks electrical cable condition/connection	1
Checks condition of hitch/chains/cables, if applicable. Explains minor/major defects	1
Wheels	
Checks wheels: hubs/hub oil/lug nuts. Explains minor/major defects	1
Checks tires: leaks/inflation/condition/tread depth	1
Explains possible minor and major tire defects	1
Outside Lights and Reflectors	
Checks headlights: low/high beam. Explains minor/major defects	1
Checks turn signals. Explains minor/major defects	1
Confirms condition/presence of reflective tape	1
Confirms operation: clearance/marker/tail lights/reflectors. Explains minor/major defects	1
Confirms operation: backing/utility lights. Explains minor/major defects	1
Confirms operation of tractor and trailer brake lights. Explains minor/major defects	1
Confirms operation of 4-way flashers	1
Checks operation of licence plate lights: Tractor Trailer	1
Pre-Trip Inspection Report	
Inspection report completed correctly	1
Section B – Total Demerits	

NOTES

ASSESSMENT RESULTS	
	Demerits
Section A – Total demerits:	
Section B – Total demerits:	
Total vehicle pre-trip inspection demerits:	
Result (circle) – no more than 15 demerits allowed:	Pass Fail
Date of assessment:	
Instructor name:	
Instructor signature:	

