

RIGID TANKER INSPECTION CHECKLIST AS2809:2020/23

AIL Name:	AIL Location:	AIL No:
Inspector Name:	Rego No: <small>Ref: SLP OG7-V3.6 Section 5.1</small>	DG No: <small>Ref: SLP OG7-V3.6 Section 5.2</small>
Vehicle Owner:	DG expiry date: _ / _ / _ _ _	
This checklist must be completed in conjunction with the SLP Operating Guidelines for Pass-2-Load Inspections - OG7-3.6		Initial Inspection = 1 Re-inspection = 2
		Record as: N/A — Satisfactory ✓ Defective ✗
1. Vehicle Placards and Dangerous Goods Registration <small>Ref: SLP OG7-V3.6</small>		
Is there a red class 3 diamond attached to the front of the vehicle? <small>(If the vehicle is exclusively used for <u>non-dangerous goods</u>, the vehicle is not required to have a class 3 diamond attached to the front of the vehicle)</small> <small>Section 4.4.10</small>		
Is the class 3 diamond clearly visible, reversible and in good condition? -		
Is the tanker dangerous goods registration current? <i>(ADF vehicles refer to SLP OG-7 Section 1.12)</i> <small>Section 5.2</small>		
Are emergency information panels clearly visible, legible and in good condition? <small>Section 5.11</small>		
Are emergency information panels displayed on both sides and the rear of the tank barrel? -		
Do emergency information panels display emergency contact details and phone numbers? -		
Can emergency information panels be easily/safely accessed from ground level? -		
2. Tank Certification / Compliance Plate <small>Ref: SLP OG7-V3.6</small>		
Does the tank compliance plate show the name of the tank barrel manufacturer? <small>Section 5.3</small>		
Does the tank compliance plate show the design approval number? -		
Does the tank compliance plate show the date of manufacture and test date? -		
Does the tank compliance plate show the tank barrel serial number? -		
Does the SLP vehicle compliance system confirm the owner has indicated the tanker is fitted with stability control, ABS or EBS? <small>Section 5.3.2</small> <small>Section 4.2.1</small>		
Confirm vehicle is fitted with a data plate indicating the vehicle is equipped with an electronic braking system complete with stability control? -		
3. Hydrostatic Test Compliance <small>Ref: SLP OG7-V3.6</small>		
Last hydrostatic test date: _ / _ / _ _ _ Next hydrostatic test date (+5 years): _ / _ / _ _ _		
Is the tank barrel within its 5-year hydrostatic test period? <small>Section 5.4</small>		
Will the tank remain within its hydrostatic test period until its next Pass-2-Load expiry date is due? - <small>(If no, the Pass-2-Load expiry must be brought forward to align with its hydrostatic test expiry)</small>		
4. Hatch and Vent Test Compliance <small>Ref: SLP OG7-V3.6</small>		
Last hatch/vent test date: _ / _ / _ _ _ Next hatch/vent test date (+2 ½ years): _ / _ / _ _ _		
Is the tank barrel within the 2 ½ year hatch and vent test period? <small>Section 5.5</small>		
Will the tank remain within its hatch and vent test period till its next Pass-2-Load expiry date is due? - <small>(If no, the Pass-2-Load expiry must be brought forward to align with the hatch and vent test expiry date)</small>		
5. In Cab Inspection <small>Ref: SLP OG7-V3.6</small>		
Is the vehicle fitted with a park brake door alarm or an auto parking brake device? <small>Section 4.4.3</small>		
Does the park brake door alarm operate with the ignition switch turned off? -		
Is the park brake door alarm clearly audible at a minimum of 3 metres from the vehicle? -		
Is a battery isolation switch located inside the vehicle cabin, on the vehicle dashboard in a position that is visible and accessible? -		
Is the battery isolation switch clearly labelled, Battery Isolation Switch or a crossed battery logo? -		
Is the battery isolation switch labelled with its mode of operation? -		
Is the battery isolation switch fitted with a protective cover or is the switch a dual action control switch? -		
Are the batteries isolated within 10 seconds of the battery isolation switch being activated? -		
Is there a full eye wash kit available, accessible and ready for use (250ml minimum)? <small>Section 4.4.5</small>		
Is there a working torch located in the vehicle that is marked as suitable for use in hazardous areas? <small>Section 4.4.6</small>		
Is an emergency information (EI) holder fixed inside a cabin door or immediately adjacent a door? <small>Section 4.4.8</small> If the emergency information holder is fixed elsewhere in the vehicle cabin, is the holders location details provided/labelled on the inside of the driver's door?		
Is the (EI) holder marked Emergency Procedure Guides or Emergency Information ? -		
A dangerous goods Initial Emergency Response Guide is in the emergency information holder? <small>Section 4.4.9</small>		
Is there a fire extinguisher located inside the cabin and readily accessible, or as an alternative the fire extinguisher is be located directly behind the cabin or mounted on the rear of the cabin? <small>Section 4.4.4</small>		

P2L label #

Expiry

In Cab Inspection (Continued)		Ref: SLP OG7-V3.6	1	2
Are there are three (3) double-sided reflector triangles in a readily accessible location?		Section 4.4.7		
Are all safety hazard devices clean and ready for use?		-		
6. Electrical Equipment		Section 4.3.7	1	2
Is the power supplied to electrical devices in the vehicle cabin isolated by the vehicle ignition switch? (Devices can remain operational via the devices own internal power)		Section 4.3.7.1		
Devices fitted in the vehicle cabin that remain operational via internal power after the ignition is turned off, are intended for driver safety, monitoring or reporting only?		-		
If fitted; ensure the non-essentials switch does not isolate any safety related feature on the vehicle? <i>Refer safety features list section 4.3.1 OG7- Section 4.3.1</i>		-		
Electrical components are undamaged and in good working order?		Section 4.3.8.2		
Electrical components are rated IP65 or secured against accidental disconnection and protected from the ingress of water and dirt?		-		
Equipment powered during cargo transfer conforms with the hazardous zone in which it operates?		-		
7. Battery Isolation Switch		Ref: SLP OG7-V3.6	1	2
Battery terminals are insulated, or the batteries covered by an insulated battery cover?		Section 4.3.3.2		
Batteries are firmly secured, ventilated, and there is a minimum of 25mm clearance between battery terminals and any conductive surface?		-		
The battery isolation switch is located as close as practicable to the driver's door, outside the vehicle cabin. (This can be by means of a remote switch)		Section 4.3.3.2		
The isolation switch is in a position that is visible and easily accessible while standing on the ground?		-		
The isolation switch shuts down the engine, auxiliary engine and all power sources that are not permanently energised?		-		
The battery isolation switch or remote switches are clearly labelled? : BATTERY ISOLATION SWITCH		-		
The battery isolation switch is labeled with its method of operation?		-		
The batteries are isolated within 10 seconds of the battery isolation switch being activated?		-		
8. Engine - Emergency Shut Down System		Ref: SLP OG7-V3.6		
Pump vehicles only; The pump drive engine is fitted with an emergency shutdown system that is easily identified and accessible by the operator?		Section 4.7.2		
The emergency shutdown switch, shuts down the engine when activated?		-		
The emergency shutdown switch is clearly labelled? : EMERGENCY STOP		-		
9. Electrical Systems and Wiring		Ref: SLP OG7-V3.6	1	2
The rollover device is operational either by manual rotation of the device or use of the test switch?		Section 4.3.6.2		
The rollover device has a maximum 3 second delay to activate from detection?		-		
Mandatory lighting within 1 metre of a product connection or vent is LED and a minimum of IP67?		Section 4.3.8.1		
Mandatory lighting is <u>not</u> located within 500 mm of any product connection or vent?		-		
Non-mandatory lighting is <u>not</u> located within 1 metre of any product connection or vent?		-		
Non-mandatory lighting that's required for operator safety e.g. work lights, is "LED" a minimum rating of IP67 with a maximum power consumption of 40W?		-		
Electrical connections between truck and trailers, have a minimum rating of IP54?		-		
Electrical connections between truck and trailers include a latch to prevent accidental disconnection?		-		
10. Heat Shielding		Ref: SLP OG7-V3.6	1	2
Hot components at risk of being splashed are protected by a shield or deflector?		Section 4.5.2		
Hot components must <u>not</u> be within 200 mm of a product carrying component?		-		
If shielding is fitted, there is a minimum 50 mm gap between any hot component and the shielding?		-		
If shielding is fitted, there is a minimum 75 mm gap between shielding and the product tank?		-		
11. Exhaust		Ref: SLP OG7-V3.6	1	2
Exhaust outlet does not discharge within 1 metre of a tank opening, product connection point or vent?		Section 4.6.2		
12. Tank Shell (Barrel)		Ref: SLP OG7-V3.6	1	2
Is the tank fitted with rollover protection (coaming) and drains?		Section 5.6.1		
Are the drainage pipes in a serviceable condition and not blocked?		-		
Do the drainpipes discharge clear of and below any hot component?		-		
Is the tank, its attachments and connections free of cracks, defective welding, serious dents and corrosion?		Section 5.6.2		
Check there is no liquid weeping from the tank, its attachments, connections and degassing holes?		-		
Check degassing holes are unplugged and there is no evidence of product leaks?		-		

P2L label #

Expiry

Tank Shell (Barrel) Continued		1	2
There must be less than 10Ω resistance between the tank shell and any part of the vehicle?	Section 5.6.3		
If the vehicle can top load, is there a clean and bare earth lug located on the tank coaming?	-		
If fitted, the earth reel is secure and in good condition?	-		
The earth reel has been tested 6-monthly for electrical continuity, is tagged and in test date?	-		
There is less than 10Ω resistance between the earth reel cable clamp and any part of the tanker?	-		
13. Vehicle Drive-Away Protection	Ref: SLP OG7-V3.6	1	2
With the vehicle park brake applied: (1) open the safety gate: (2) release the vehicle park brake: (3) confirm the vehicle brakes remain on and the vehicle is immobilised?	Section 5.7.2		
With the vehicle park brake released: (1) open the safety gate: (2) confirm the vehicle brakes remain released, and the vehicle can be moved?	-		
Is there a safety gate over the inlet/outlet valves that prevents an operator from attaching a loading arm when the gate is closed?	-		
With the safety gate closed, is the overfill protection system plug prevented from being connected?	-		
14. Valves / Fittings and Delivery Lines	Ref: SLP OG7-V3.6	1	2
Is the loading/unloading valve and venting control system free from air leaks?	Section 5.8		
Are all fittings, O-rings and seals free from leaks, breaks, cracks, wear or other damage?	-		
Are all outlets valve caps and adaptors connected by a steel chain?	-		
Do API valve handles open \cup and close \cap in the same direction?	-		
Are all locking pins, bushes, camlock levers, cur-clips undamaged and in working order?	-		
Utilizing an API wear gauge, are all API valve nose cones within wear tolerances?	-		
Are all gaskets subject to bottom load pressure of a non-cork type?	-		
Are all outlets clearly marked with the compartment safe fill level directly above each outlet?	Section 5.8.2		
Are there legible product tumblers, indicators or tags in working order for each compartment?	-		
Is there an emergency shut off system in place to stop product flow during discharge?	Section 5.8.3		
Are all tanker emergency stops functioning and clearly labelled?	-		
Top of Tank Inspection			
Are compartments internally clean, free of dirt, scum or heavy staining, verify that internal stains cannot be dislodged by mopping or scrubbing the surface or the stain?	Section 5.8.4		
Do compartment internal valves close without delay when an emergency stop is actuated?	-		
Are dip and fill tubes secure?	-		
Are pressure/vacuum vents in place, free from visible damage and vent wire mesh is clean?	-		
Are all fittings, O-rings and seals free from leaks, breaks, cracks or other damage or wear?	-		
Where applicable, are the cables connecting the top and bottom operators in working order?	-		
Can all compartment hatches and emergency vents/inspection hatches be firmly secured?	-		
All dust caps have the correct fitting seals and can be locked/secured in the closed position?	-		
Are tell-tale degassing and vapour combing rail test holes on the top of the tanker barrel plugged?	-		
Wiring protection and or conduits are undamaged and in good working order?	-		
Wiring connections are undamaged, rated IP65; or protected from the ingress of water/dirt and secured against accidental disconnection?	-		
Connections and enclosures (i.e. junction boxes) are a minimum rating of IP67?	-		
Mandatory lights within 1 metre of a DG product connection or vent are "LED" and a minimum rating of IP67?	-		
Mandatory lighting must not be within 500 mm of any product connection point or vent?	-		
Non-mandatory lighting is not located within 1 metre of any product connection point or vent?	-		
15. Over fill Protection Devices for Bottom Loading	Ref: SLP OG7-V3.6	1	2
Using an approved testing device, do all overfill protection probes pass a wet test?	Section 5.9		
Are all over fill protection probes secure and correctly installed?	SLP OS-10		
If removable overfill protection probes are fitted, is the overfill protection system disabled if a probe is removed?	Section 5.9.1		
16. Vapour Vents	Ref: SLP OG7-V3.6	1	2
Is there a sequential vapour vent interlock system in place?	Section 5.10		
Does the overfill protection system prevent loading until all vapour vents are open?	-		
Does the overfill protection system stop the loading system if a vapour vent closes due to a loss of air?	-		
Do vapour vents open when the safety gate is opened and close when the gate is closed?	-		
17. Safety Equipment	Ref: SLP OG7-V3.6	1	2
Test discharge system E-stops, when activated visually confirm all internal valves close?	Section 5.8.3		
Are all tanker emergency stops clearly labelled?	-		
Is safety equipment easily accessible and located away from the discharge connections?	Section 5.12		
Will fire extinguishers remain in date for the 6-month Pass-2-Load period (or is a service agreement in place)	-		
All fire extinguishers are mounted securely with a quick-release attachment?	-		

