

## ISOTAINER TANK INSPECTION CHECKLIST AS2809:2008/2020/23

AIL Name:	AIL Location:	AIL License No:
Inspector Name:	Tank No: <i>Ref: SLP OG7-V3.6 Section 5.1</i>	DG License No:
Tank Owner:		
<b>This checklist must be completed in conjunction with the SLP Operating Guidelines for Pass-2-Load Inspections - OG7-3.6</b> Australian Dangerous Goods (DG) code requirements for DG or combustible products differ. However, a tank used for transport of combustible products that enters a DG loading facility must still comply with specific DG standards to ensure safe access and controlled loading.		Record as: N/A — Satisfactory ✓ Defective ✗
<b>Initial Inspection = 1</b> <b>Re-inspection = 2</b>		
<b>1. Tank Placards</b> <span style="float: right;"><i>Ref: SLP OG7-V3.6</i></span>		
Are emergency information panels clearly visible, legible and in good condition?		<i>Section 5.11</i>
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?		-
<b>2. Tank Certification / Compliance Plate</b> <span style="float: right;"><i>Ref: SLP OG7-V3.6</i></span>		
Does the tank compliance plate show the name of the tank barrel manufacturer?		<i>Section 5.3</i>
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 serial number?		-
<b>3. Hydrostatic Test Compliance</b> <span style="float: right;"><i>Ref: SLP OG7-V3.6</i></span>		
Last hydrostatic test date: __ / __ / __ Next hydrostatic test date (+5 years): __ / __ / __		
Is the tank within its 5-year hydrostatic test period?		<i>Section 5.4</i>
Will the tank remain within its hydrostatic test period until its next Pass-2-Load expiry date is due? (If no, the Pass-2-Load expiry must be brought forward to align with its hydrostatic test expiry)		-
<b>4. Hatch and Vent Test Compliance</b> <span style="float: right;"><i>Ref: SLP OG7-V3.6</i></span>		
Last hatch/vent test date: __ / __ / __ Next hatch/vent test date (+2 ½ years): __ / __ / __		
Is the tank within the 2 ½ year hatch and vent test period?		<i>Section 5.5</i>
Will the tank remain within its hatch and vent test period till its next Pass-2-Load expiry date is due? (If no, the Pass-2-Load expiry must be brought forward to align with the hatch and vent test expiry date)		-
<b>5. Electrical Systems and Wiring</b> <span style="float: right;"><i>Ref: SLP OG7-V3.6</i></span>		
Electrical connections between the tank and Skel or trailer, have a minimum rating of IP54?		<i>Section 4.3.8.2</i>
Electrical connections between the tank and Skel or trailer include a latch to prevent accidental disconnection?		-
Electrical components are undamaged and in good working order?		-
Electrical components conform with the hazardous zone in which it operates?		<i>Section 4.3.7.1</i>
Equipment powered during cargo transfer conforms with the hazardous zone in which it operates?		<i>Section 4.3.5.2</i>
<b>6. Tank &amp; Tank Frame</b> <span style="float: right;"><i>Ref: SLP OG7-V3.6</i></span>		
Is the tank protective frame in good condition and free of damage or corrosion?		<i>Section 5.6.1</i>
Are the tank container connection couplings in good condition and free of damage.		-
If fitted are drainage pipes in a serviceable condition, not blocked and discharge below all trailer components?		-
Is a warning sign fitted near the loading valve area, warning that the maximum height to the top of the loading valve must not exceed 1280mm. If exceeded, alternative loading instructions must be applied.		<i>Section 5.6.1</i> <i>Section 5.16</i>
Is the tank, its attachments & connections free of cracks, defective welding, serious dents & corrosion?		<i>Section 5.6.2</i>
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?		-
There must be less than 10Ω resistance between the tank, the tank frame and the Skel or trailer?		<i>Section 5.6.3</i>
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?		-
<b>7. Tank trailer Drive-Away Protection (tested as a complete unit; Tank, Trailer, Prime Mover)</b> <span style="float: right;"><i>Ref: SLP OG7-V3.6</i></span>		
With the vehicle park brake applied: (1) open the safety gate or cover: (2) release the vehicle park brake: (3) confirm the vehicle brakes remain active and the vehicle is immobilised?		<i>Section 5.7.2</i>

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Expiry

<b>Tank trailer Drive-Away Protection</b> (tested as a complete unit; Tank, Trailer, Prime Mover)	Ref: SLP OG7-V3.6	1	2
With the vehicle park brake released: (1) open the safety gate or cover: (2) confirm the vehicle brakes remain released, and the vehicle can be moved?	Section 5.7.2		
Is there a safety gate or cover over the inlet/outlet valve that prevents an operator from attaching a loading arm when the gate or cover is closed?	-		
With the safety gate or cover closed, is the overfill protection system plug prevented from being connected?	-		
<b>8. Valves / Fittings and Delivery Lines</b>	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 outlet valve caps and adaptors connected by a steel chain?	-		
Are all locking pins, bushes, camlock levers, cur-clips undamaged and in working order?	-		
Utilizing an API wear gauge, is the API valve nose cone within wear tolerances?	-		
Are all gaskets subject to bottom load pressure of a non-cork type?	-		
Is the outlet clearly marked with the tank safe fill level directly above the outlet?	Section 5.8.2		
Is there a legible product tumbler, indicator or tag in place/available and in working order?	-		
Is there an emergency shut off system in place to stop product flow during discharge?	Section 5.8.3		
Are all tank emergency stops functioning and clearly labelled?	-		
<b>Top of Tank Inspection</b>			
Is the tank 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 5.8.4.1		
Does the internal valve close without delay when an emergency stop is actuated?	-		
Are dip and fill tubes secure?	-		
Is a pressure/vacuum vent in place, free from visible damage and the 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 the hatch and emergency vent/inspection hatch be firmly secured?	-		
All dust caps have the correct fitting seals and can be locked/secured in the closed position?	-		
Tanks loading (DG) must have rollover guards, domes or combings a minimum of 25mm above any hatch or tank fitting it protects.	-		
Are tell-tale degassing test holes on the top of the tank plugged?	-		
If the vehicle can top load, is there a clean and bare earth lug located on the tank?	-		
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?	-		
If fitted, is the vacuum pressure gauge in good condition and working order?	-		
Is the vacuum pressure valve closed and capped securely?	-		
<b>9. Over fill Protection Devices for Bottom Loading</b>	Ref: SLP OG7-V3.6	1	2
Using an approved testing device, does the overfill protection probe pass a wet test?	Section 5.9		
Over fill wiring and conduit components conform with the hazardous zone in which it operates?	-		
Is the over fill protection probe secure and correctly installed?	-		
If a removable overfill protection probe is fitted, is the overfill protection system disabled if the probe is removed?	Section 5.9.1		
<b>10. Vapour Vents</b>	Ref: SLP OG7-V3.6	1	2
Is there a vapour vent interlock system in place?	Section 5.10		
Does the overfill protection system prevent loading until the vapour vent is open?	-		
Does the overfill protection system stop the loading system if the vapour vent closes due to a loss of air?	-		
Does the vapour vent open when the safety gate is opened and close when the gate is closed?	-		
<b>11. Safety Equipment</b>	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?	-		
All fire extinguishers are located where they can be easily accessed?	Section 5.12.1		
Are all fire extinguishers attached in the preferred locations as detailed in OG7 Section 5.12.1?	-		

