

## Dangerous Goods Tank Vehicle Inspection Checklist

**Note:** For a combination vehicle with more than one road tank vehicle, use a separate checklist for each tank vehicle and use the same job number for each vehicle in the combination. A separate checklist is not required for a DG prime mover.

### Identification of the inspected vehicle

Registration/Fleet number of tank vehicle(s)

Registration/Fleet number of prime mover

Vehicle Identification Number (VIN)

Type of vehicle configuration as inspected

Gross weight rating on the ADR compliance plate

Kg (GVM or ATM)

Is a roll stability system (RSS/ESC) installed

YES

NO

If No, is ABS installed?

YES

NO

### Operator details

Tank owner/operator

DG vehicle licence number

### Tank details

Tank manufacturer

Shell material

Date of tank manufacture

Classes/divisions of dangerous goods carried

Tank vehicle ID number/tank serial number

Dangerous goods design approval number

Dangerous goods vehicle licence number

Number of compartments

Capacity of each compartment (L):

1

2

3

4

5

6

Total design approval weight or volume

kg (or L)

Safe Load Program (SLP) number (if applicable)

### Inspection details

Date of inspection

Location of inspection

Inspector

Inspector's qualifications

Signature

Next inspection required before

**Checklist 1**      **Standard inspection checklist (inspection every 3 months unless indicated by †)**

Item	Applies to	Description	Pass/Fail or N/A*	If a rejection is rectified, give details of repair
1	Tank	AS 2809 compliance plate		
2	Tank	Hydrostatic test plate		
3	Vehicle	Stability angle marking		
4	Vehicle	Placards and emergency information panels (EIPs)		
5	Tank	Cleanliness		
6	Vehicle	Suitable and free of risk-creating defect		
7	Tank	External tank inspection		
8	Tank	Closures closed and secured		
9	Vehicle	Stability of disconnected trailers		
10	Vehicle	Demountable tank attachment to vehicle		
11	Tank	Vehicle attachments		
12	Vehicle	Cabin-to-tank clearance		
13	Vehicle	Rear-impact protection		
14	Vehicle	Guarding		
15	Vehicle	Tail shaft protection		
16	Tank	Enclosed air spaces		
17	Vehicle	Road clearance		
18	Vehicle	Shielding of hot components		
19	Vehicle	Brake interlock drive away protection (DAP)		
20	Tank	Valve operation marking		
21	Tank	Valves interlocked and protective caps on outlets		
22	Tank	Protection against pump seal failure		
23	Tank	Condition of pressure/vacuum vents (PVVs)		
24	Vehicle	Auxiliary engines		
25	Vehicle	Roll stability system (RSS)		
26	Vehicle	Battery protection		
27	Vehicle	Battery isolation switch		
28	Tank	Pneumatic emergency stop system		
29	Vehicle	Protection of wiring		
30	Vehicle	Vehicle roll-over device (ROD)		
31	Vehicle	Stowage of hoses and other loose equipment		
32	Vehicle	Fire extinguishers		
33	Vehicle	Safety equipment		

Item	Applies to	Description	Pass/Fail or N/A*	If a rejection is rectified, give details of repair
34	Vehicle	Emergency information holder (EIH)		
35	Tank	Loading protection		
36	Tank	Burner and flame tube inspection		
37†	Tank	Condition of transfer hoses		
38†	Tank	Earthing and bonding equipment		
39†	Tank	Bitumen tank vehicle annual inspection		
40†	Tank	Hatches, vents and valves testing and inspection		

\*Select 'Pass', 'Fail' or 'NA'. For a failure, please note the *reason for rejection* reference (e.g. '30.1').

Note any failures on the diagrams provided.

“Applies to” column: Tank means the shell or cargo carrying components. This is indicative only.

Inspector's signature

Date of inspection:

Notes

## Checklist 2 5-yearly checklist and detailed AS 2809 compliance review for all tank vehicles

**Note:** complete ALL items in checklist 1 & 2, and review the vehicle to ensure it still complies with AS 2809.

Item	Applies to	Description	Pass/Fail or N/A*	If a rejection is rectified, give details of repair
41	Tank	Hydrostatic test		
42	Tank	Internal tank inspection		
43	Tank	No hoses between foot valve and first outside valve		
44	Tank	Coaming clearance for hatches and fittings		
45	Tank	Bitumen tank vehicle shell corrosion inspection		

\*Select 'Pass', 'Fail' or 'NA'. For a failure, please note the *reason for rejection* reference (e.g. '30.1').

Note any failures on the diagrams provided.

“Applies to” column: Tank means the shell or cargo carrying components. This is indicative only.

Inspector's signature

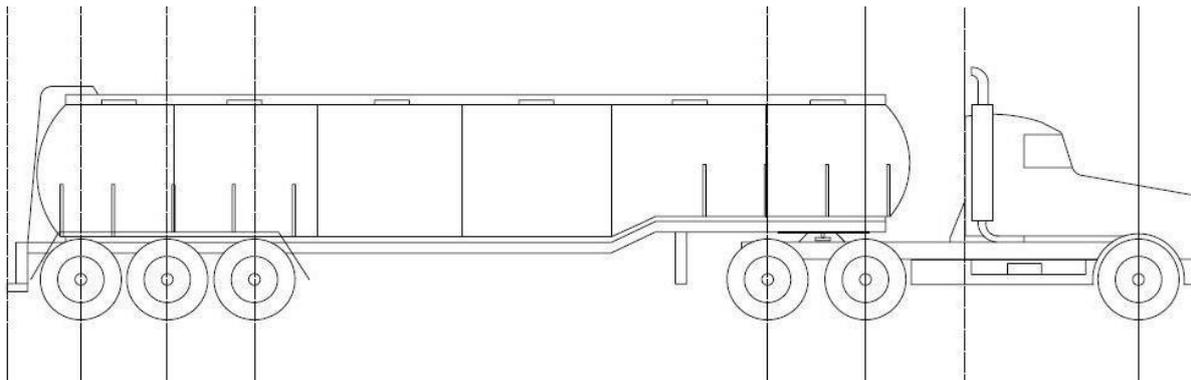
Date of inspection:

Notes

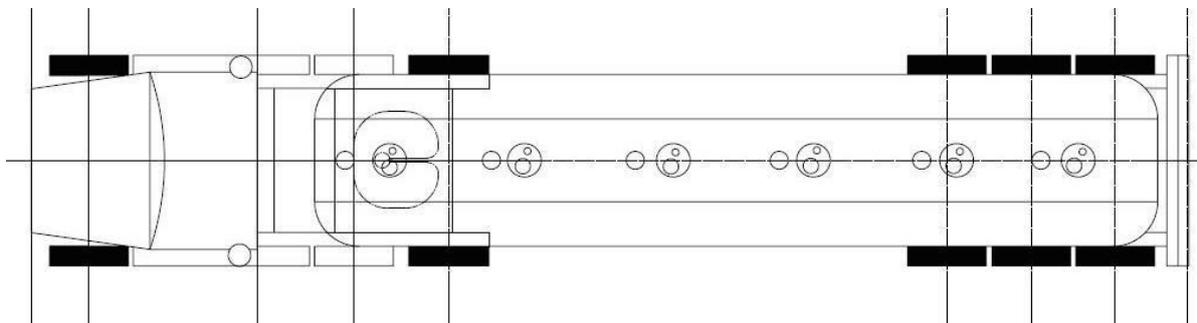
Inspector to draw/note any failures identified on the drawings below.

### Prime mover and tank trailer (or dog trailer)

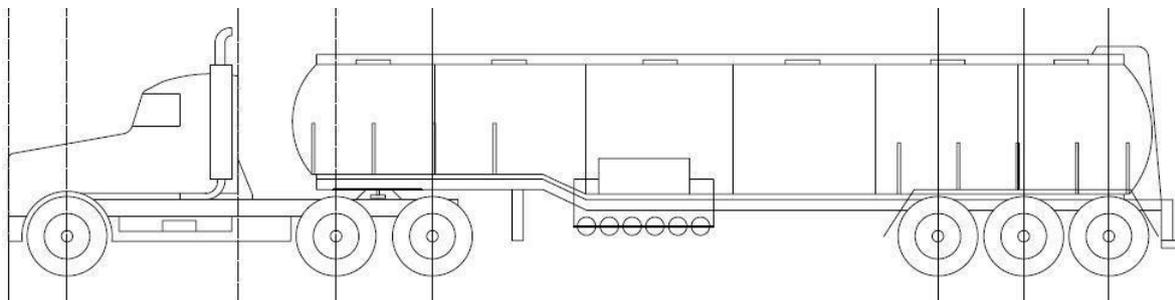
Driver's side



Plan view



Passenger's side



Note defects that exist but do not constitute a fail. Also note and describe recently repaired or corrected elements. Attach another page to write the notes on, if necessary.

Notes:

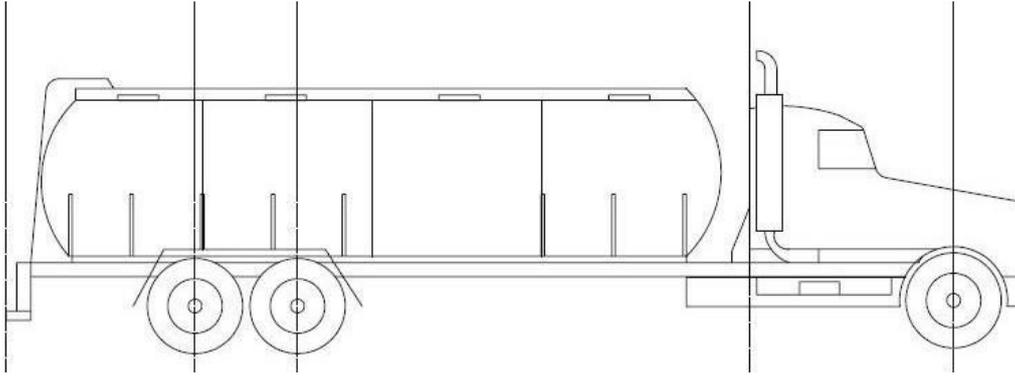
Inspector's signature

Date of inspection:

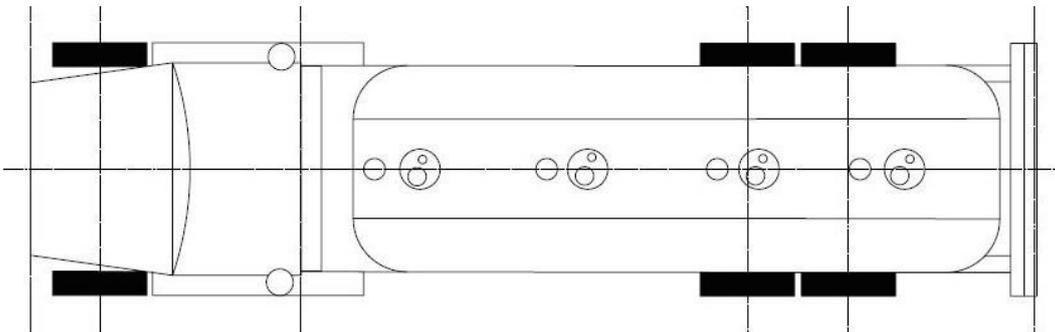
Inspector to draw/note any fails identified on the drawings below.

### Rigid tank vehicle

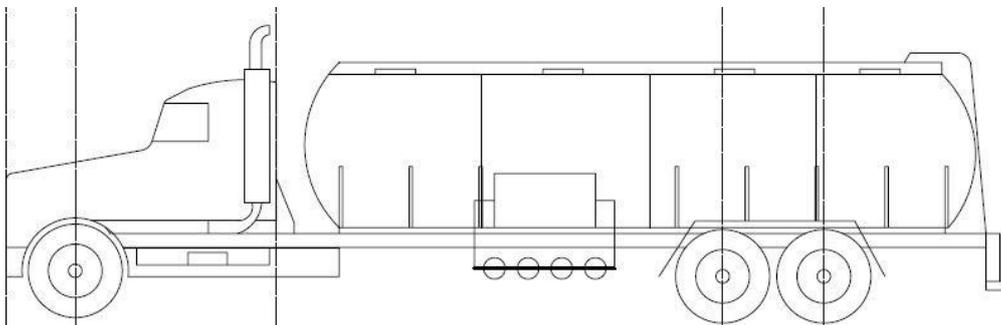
Driver's side



Plan view



Passenger's side



Note defects that exist but do not constitute a fail. Also note and describe recently repaired or corrected elements. Attach another page to write the notes on, if necessary.

Notes:

Inspector's signature

Date of inspection:

This checklist must be used in conjunction with v3.0 of the *Dangerous goods tank vehicle inspection manual* (November 2023). A copy can be downloaded from the EPA website.

**NSW Environment Protection Authority**

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