

Dangerous Goods Tank Design Approval Application - AS 2809.1-2023 Compliance Report

#### AS 2809.1:2023 – General requirements for all tank vehicles

You must explain how the tank vehicle will comply with each of the clauses in the standard listed below. It is not sufficient to state that the vehicle complies, you must explain how the vehicle complies with the relevant requirements contained in the standard, with reference to evidence where necessary. This ensures the reviewer can confirm whether the vehicle is compliant.

If there are any items that are not compliant, contact the EPA to discuss these non-compliances before submitting the application. While in some circumstances, the EPA may approve a tank vehicle that does not comply with a particular requirement, you will need to be prepared to explain:

* why the variation from the standard is necessary?
* what alternative criteria the variation should be assessed against?
* why the design does not result in greater risk than one that complies with the requirement?

This document must be submitted along with an application for a dangerous goods tank design and the other relevant compliance reports.

Note: AS 2809.1:2023 was published on 2 June 2023. AS 2809.1:2020 may continue to be used for compliance assessments until 1 June 2024.

| Clause | Comment/Explanation | Reference(specs / drawings) | Compliant(Y, N, N/A) | Office Use Only |
| --- | --- | --- | --- | --- |
| 2.1.1 | General |  |  |  |  |
| 2.1.2 | Stability |  |  |  |  |
| 2.1.3 | Vehicle stability function |  |  |  |  |
| 2.1.4 | Road clearance |  |  |  |  |
| 2.1.5 | Cabin-to-tank clearance |  |  |  |  |
| 2.1.6.1 | Rear impact protection – General |  |  |  |  |
| 2.1.6.2 | Rear impact protection – RUPD |  |  |  |  |
| 2.1.6.3 | Rear impact protection – Bumper |  |  |  |  |
| 2.1.7 | Guarding |  |  |  |  |
| 2.1.8 | Tail shafts |  |  |  |  |
| 2.1.9 | Vehicle main driver cabin |  |  |  |  |
| 2.1.10 | Battery |  |  |  |  |
| 2.1.11 | Battery isolation switch |  |  |  |  |
| 2.1.12 | Permanently energized circuits |  |  |  |  |
| 2.1.13 | Vehicle roll-over device |  |  |  |  |
| 2.1.14 | Stowage of hoses and loose equipment |  |  |  |  |
| 2.2.1 | Cabling and wiring - Protection |  |  |  |  |
| 2.2.2 | Cabling and wiring – Wiring system |  |  |  |  |
| 2.3 | Equipment for hazardous areas |  |  |  |  |
| 2.4 | Lighting for hazardous areas |  |  |  |  |
| 2.5 | Brake interlock driveaway protection |  |  |  |  |
| 2.6 | Spillage hazards |  |  |  |  |
| 2.7 | Stability of disconnected trailers |  |  |  |  |
| 2.8 | Fire extinguisher mounting |  |  |  |  |
| 2.9 | Pump pressure and controls |  |  |  |  |
| 2.10.1 | Propulsion engines |  |  |  |  |
| 2.10.2 | Auxiliary engines |  |  |  |  |
| 2.11.1 | Safety equipment |  |  |  |  |
| 2.11.2 | Road transport documentation |  |  |  |  |
| 2.11.3 | Tank ladder, steps and fall arrest |  |  |  |  |
| 2.11.4 | Mudguards |  |  |  |  |
| 2.11.5 | Pneumatic emergency stop |  |  |  |  |
| 2.12.1 | Markings – Remote valve operation |  |  |  |  |
| 2.12.2 | Markings – Identification plate |  |  |  |  |
| 2.12.3 | Markings – Heating jackets/ducts |  |  |  |  |
| 2.13 | Heating jackets/ducts |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Vehicle description: | enter text. | Manufacturer: | enter text. |
| Capacity: | enter text. | Number of compartments: | enter text. |
| I declare the information I have supplied in this application is not false or misleading and is an accurate assessment of the design against the standard. |
| Name | enter text. |
| Position | enter text. |
| Email | enter text. |
| Signature |  | Date | enter text. |