### Compliance Statement AS2809.4 2022

##### Road tank vehicles for dangerous goods Part 4: Road tank vehicles for toxic and corrosive cargoes

* **Certify compliance -** RPEQ engineer to address each sub clause for compliance by:
	+ ticking to certify compliance
	+ writing n/a, or
	+ leave blank if the clause is being peer reviewed for new designs and innovations.
* **Peer reviewing RPEQ engineer** - sign and date the sub clause for out-of-scope new designs and innovations.
* **Reference** – for each sub clause identify the title of the documents referenced for the compliance statement where relevant.

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| Applicant/owner name in full: (To whom the approval will be issued) |  |

| Clause | Certify compliance with AS2809.4RPEQ engineer to complete | Peer review for new design and innovationRPEQ peer review engineer sign and date | Reference |
| --- | --- | --- | --- |
| 1. Scope and general |
| 1.1. Scope |  |  |  |
| 1.2. Application |  |  |  |
| 1.3. New designs and innovations |  |  |  |
| 1.4. Normative references  |  |  |  |
| 1.5. Terms and definitions |  |  |  |
| 1.6. Tank type classification |  |  |  |
| 2 Pressure tanks of types 1,2 and 3  |
| 2.1. Application |  |  |  |
| 2.2. Pressure tank design and construction |
| 2.2.1. Design criteria |  |  |  |
| 2.2.2. Design pressure |  |  |  |
| 2.3. Valves and fittings |  |
| 2.3.1. Shut- off valves |  |  |  |
| 2.3.2. Pressure relief devices |  |  |  |
| 2.3.3. Outlet connection |  |  |  |
| 2.3.4. Piping |  |  |  |
| 2.3.5 Location of tank openings |  |  |  |
| 2.4 Additional requirements for higher hazards type 1 tanks |
| 2.4.1. Piping |  |  |  |
| 2.4.2. Pumping equipment |  |  |  |
| 2.4.3. Tank openings |  |  |  |
| 3 Tanks of types 4 and 5 |
| 3.1. Application |  |  |  |
| 3.2. Materials |
| 3.2.1. Standards |  |  |  |
| 3.2.2. Material grades |  |  |  |
| 3.2.3. Chemical resistance  |  |  |  |
| 3.3 Tank design and construction |
| 3.3.1. Type 4 tank design and construction |  |  |  |
| 3.3.2. Type 5 tank design and construction |  |  |  |
| 3.3.3. Baffles |  |  |  |
| 3.4 Compartment openings, valves and vents |
| 3.4.1 General |  |  |  |
| 3.4.2 Compartment openings  |  |  |  |
| 3.4.3 Valves |  |  |  |
| 3.4.4 Provisions of vents  |  |  |  |
| 3.4.5 Top openings  |  |  |  |
| 3.5. Pipework and pipe fittings |
| 3.5.1. Suitability |  |  |  |
| 3.5.2. Provisions for movement |  |  |  |
| 3.6 Pumps |
| 3.6.1. Suitability |  |  |  |
| 3.6.2. Prevention of overpressure |  |  |  |
| 3.7. Pump drives |
| 3.7.1. Protection |  |  |  |
| 3.7.2. Shielding of pump shaft |  |  |  |
| 3.7.3. Location of controls |  |  |  |
| 3.8 Testing |
| 3.8.1. Tanks |  |  |  |
| 3.8.2. Hatch assembly |  |  |  |
| 3.8.3. Piping |  |  |  |
| 3.8.4. Inspection and testing of hoses |  |  |  |
| 4 Tanks of type 6 |
| 4.1. Application |  |  |  |
| 4.2. Materials  |  |  |  |
| 4.3. Chemical resistance  |  |  |  |
| 4.4. Enclosed air space |  |  |  |
| 4.5. Tank design and construction |  |  |  |
| 4.6 Compartment openings |
| 4.7 Valves  |  |  |  |
| 4.8 Vents |  |  |  |
| 4.8.1 Free venting |  |  |  |
| 4.8.2 Emergency venting |  |  |  |
| 4.8.2.1 General |  |  |  |
| 4.8.2.3 Steel and stainless-steel tanks |  |  |  |
| 4.8.3 Fire |  |  |  |
| 4.8.4 Security  |  |  |  |
| 4.8.5 Ullage |  |  |  |

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| Approved bySignature, date and RPEQ No. of engineer | TMR Approval No | Approved bySignature and Date (TMR) |