### 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 AS2809.4  RPEQ engineer to complete | | | Peer review for new design and innovation  RPEQ 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 by  Signature, date and RPEQ No. of engineer | TMR Approval No | Approved by  Signature and Date (TMR) |