### Compliance Statement AS2809.5 2022

##### Road tank vehicles for dangerous goods Part 5: Tankers for bitumen-based products

* **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 AS2809.5RPEQ engineer to complete | Peer review for new design and innovationRPEQ peer review engineer sign and date | Reference |
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| 1. Scope and general |
| 1.1. Scope |  |  |  |
| 1.2. Application |  |  |  |
| 1.3. Normative references |  |  |  |
| 1.4. Terms and definitions |  |  |  |
| 1.5. General vehicle requirements |  |  |  |
| 1.5.1 Spillage control |  |  |  |
| 1.5.2 Road tank vehicle propulsion or auxiliary engine exhaust |  |  |  |
| 1.5.3 Combustion cabin heaters |  |  |  |
| 1.5.4 Stowage of hoses and other equipment |  |  |  |
| 2. Design, construction, inspection, and testing |
| 2.1. Materials |  |  |  |
| 2.2. Tank design and construction |  |  |  |
| 2.3 Compartment openings, valves, and vents |
| 2.3.1 Compartment openings |  |  |  |
| 2.3.2 Valves  |  |  |  |
| 2.3.3 Vents |  |  |  |
| 2.3.4 Normal venting |  |  |  |
| 2.3.5 Emergency venting |  |  |  |
| 2.4 Filling, dipping, and temperature measuring provisions  |
| 2.4.1 Filling |  |  |  |
| 2.4.2 Dipstick |  |  |  |
| 2.4.3 Temperature measurement |  |  |  |
| 2.5 Pipework, pipe fittings and flushing |
| 2.5.1 Suitability |  |
| 2.5.2 Strength of piping |  |  |  |
| 2.5.3 Provisions for movement |  |  |  |
| 2.5.4 Hoses and couplings |  |  |  |
| 2.5.5 Recirculation and filling pipework |  |  |  |
| 2.5.6 Flushing system |  |  |  |
| 2.6 Electrical bonding |  |  |  |
| 2.7 Earthing point |  |  |  |
| 2.8 Pressure testing as part of commissioning |
| 2.8.1 Tanks |  |  |  |
| 2.8.2 Piping |  |  |  |
| 2.9 Insulation |
| 2.9.1 Suitability |  |  |  |
| 2.9.2 Insulation cladding |  |  |  |
| 2.9.3 Isolation from burner tubes  |  |  |  |
| 2.10 Transfer of bitumen/tar from a moving vehicle |
| 2.11 Signage |  |  |  |
| 3 Heating systems |
| 3.1 General |  |  |  |
| 3.1.1 Heating system types  |  |  |  |
| 3.1.2 Safety and training |  |  |  |
| 3.1.3 Overtemperature protection |  |  |  |
| 3.1.4 Minimum safe heating level |  |  |  |
| 3.1.5 Heating in transit |  |  |  |
| 3.2 Gas and liquid fuel burner system |
| 3.2.1 General |  |
| 3.2.2 Burner tube |  |  |  |
| 3.2.3 Flame tube |  |  |  |
| 3.2.4 Flue |  |  |  |
| 3.2.5 Interlocks  |  |  |  |
| 3.2.6 Flame safeguard system |  |  |  |
| 3.2.7 Level sensing |  |  |  |
| 3.3 Gas burner system |
| 3.3.1 Design and construction |  |  |  |
| 3.3.2 Gas storage  |  |  |  |
| 3.3.3 Pipework and associated components |  |  |  |
| 3.3.4 Burner flame visibility  |  |  |  |
| 3.3.5 Purging |  |  |  |
| 3.3.6 Markings |  |  |  |
| 3.4 Liquid burner system |
| 3.4.1 Design and construction |  |  |  |
| 3.4.2 Fuel storage |  |  |  |
| 3.4.3 Pipework and associated components  |  |  |  |
| 3.4.4 Burner tube purging |  |  |  |
| 3.4.5 Markings |  |  |  |
| 3.5 Electric heating system |
| 3.5.1 General |  |  |  |
| 3.5.2 Heater element isolation from cargo  |  |  |  |

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