Vehicle and modifier details

|  |  |  |
| --- | --- | --- |
| Vehicle make: | Vehicle model: | Month and year of manufacture: |
|  |  |  |
| VIN (if applicable): | Vehicle chassis no. (if applicable): | Vehicle modifier (company name): |
|  |  |  |

Advanced braking systems

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Braking systems | | Check Yes, No, N/A as applicable: | Yes | No | N/A |
| 1 | Is the advanced braking system (where fitted) un-affected or re-certified after the vehicle modification? | |  |  |  |

Modification details

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Modification criteria | | Check Yes or No as applicable: | Yes | No |  |
| 1 | Has the modification been performed in accordance with the manufacturer’s guidelines? | |  |  |  |

Installation details

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Auxiliary brake, exhaust, or retarder type | | Check Yes, No, N/A as applicable: | Yes | No | N/A |
| 1 | What is the maximum acceptable exhaust backpressure? | |  | |  |
| 2 | What exhaust backpressure was measured? | |  | |  |
| 3 | Is the result within the allowable exhaust backpressure? | |  |  |  |
| 4 | Does the engine exhaust back pressure meet the requirements of Australian Design Rule (ADR) 30/.. and ADR 80/.. as applicable? | |  |  |  |

Recommended installation details (optional)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Auxiliary brake, exhaust, or retarder type | | Check Yes, No, N/A as applicable: | Yes | No | N/A |
| 1 | Does the depression of either the clutch pedal or accelerator pedal render the brake inoperative? | |  |  |  |
| 2 | If a retarder that uses the engine cooling system is installed, has the vehicle a radiator of sufficient capacity for the rejection of additional heat generated by the retarder? | |  |  |  |

Compliance

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Modification | | Check Yes or No as applicable: | Yes | No |  |
| 1 | Does this modification meet all the requirements of the manufacturer’s guidelines / Modification Code G5? | |  |  |  |
| 2 | Is the quality of the work to an accepted industry standard? | |  |  |  |
| 3 | Does the vehicle continue to comply with ADRs and heavy vehicle standards regulations affected by the modification? | |  |  |  |

Authorisation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Other than modification criteria and recommended installation details, if the answer to any relevant question is NO the modification is not acceptable.** | | | | |
| **Comments:** |  | | | |
| Examined by: | | Company (if applicable): | | AVE no.: |
|  | |  | |  |
| Signed: | | Modification certificate no.: | Modification plate no.: | Date: |
|  | |  |  |  |