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-effected 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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Trailer air supply | | Check Yes or No as applicable: | Yes | No |  |
| 1 | Is a tractor protection device fitted? | |  |  |  |
| 2 | Is trailer air supply interrupted by activation of the device? | |  |  |  |
| 3 | Does trailer air supply automatically disconnect when tractor air pressure depletes to 420 kPa in at least one of the heavy motor vehicle circuits? | |  |  |  |
| Trailer service signal | | Check Yes or No as applicable: | Yes | No |  |
| 4 | Is the trailer service signal interrupted when the tractor protection device is in the ‘off’ position?  [If a tractor protected reservoir is fitted, it is permissible for this to be depleted by brake application signals after the tractor protection valve is activated, provided it draws no further air from the truck system). | |  |  |  |
| 5 | Was the response time measured in accordance with the test requirements in Australian Design Rule (ADR) 35/.. ? | |  |  |  |
| 6 | Response time measured (in milliseconds): | |  | | ms |
| 7 | Is this less than 600 milliseconds for vehicles built before 1 July 1998 or 400 milliseconds for vehicles built on or after? | |  |  |  |
| Trailer park brake | | Check Yes or No as applicable: | Yes | No |  |
| 8 | Is it possible to apply the trailer park brake from within the cabin of the heavy motor vehicle? | |  |  |  |
| Optional hand control | | Check Yes or No as applicable: | Yes | No | N/A |
| 9 | Does the brake light operate when the hand control is activated? | |  |  |  |
| 10 | Do the truck service brakes remain unapplied with the operation of the trailer hand control? | |  |  |  |
| Trailer air connections | | Check Yes or No as applicable: | Yes | No |  |
| 11 | Are trailer air connections in accordance with the requirements of ADR 35/02 or later? | |  |  |  |
| 12 | Are trailer air connections colour-coded red = supply, blue or yellow = signal, or otherwise in accordance with AS 4945? | |  |  |  |
| 13 | Are connections polarised, i.e. one male and one female? | |  |  |  |
| 14 | Is supply connection on heavy motor vehicle female type or outboard interference lug palm type? | |  |  |  |
| Trailer electrical connections | | Check Yes, No, N/A as applicable: | Yes | No |  |
| 15 | Are trailer electrical connections in accordance with the requirements of ADR 42/00 or later? | |  |  |  |
| 16 | If the vehicle is required by the relevant ADR 35/.. to have an electrical connection for antilock system of a trailer, is one fitted in accordance with the relevant ADR 35/.. ? | |  |  |  |
| Re-charge capacity | | Check Yes, No, N/A as applicable: | Yes | No |  |
| 17 | Does the recharge time meet the requirements of Section G — Overview? | |  |  |  |

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 G2? | |  |  |  |
| 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, 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: |
|  | |  |  |  |