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): |
|  |  |  |

Speed limiting details

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Vehicle details: | | Method of speed limiting: | | Road speed governors: | | Applicable | ☐ |
| Rear axle ratio |  | Road speed governor |  | Make |  | | |
| Transmission ratio highest gear |  | Geared speed control |  | Model |  | | |
| Tyre size |  | Engine power |  | Serial no. |  | | |

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 vehicle manufacturer’s guidelines? | |  |  |  |

Installation details

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Installation | | Check Yes, No, N/A as applicable: | Yes | No | N/A |
| 1 | Has the supplier provided a certificate or other suitable evidence that the road speed governor complies with Australian Design Rule (ADR) 65/.. or BS AU 217:1987 requirements? | |  |  |  |
| 2 | Has the road speed governor been installed in accordance with the limiter manufacturer’s requirements? | |  |  |  |
| 3 | Is the maximum road speed setting prevented from being temporarily increased or removed? | |  |  |  |
| 4 | If road speed governor is not integrated into a system (e.g. intelligent cruise control or driver assist and safety systems) is its operation completely independent of the vehicle’s braking system? | |  |  |  |
| 5 | Are all components needed for full function of road speed governor energised when the vehicle is driven? | |  |  |  |
| 6 | Are lead seals fitted to the following parts to indicate attempts to tamper with road speed governor operation? | |  |  |  |
|  | * governor road speed adjustment mechanism | |  |  |  |
|  | * two ends of the link between the road speed limiter and the injection pump | |  |  |  |
|  | * two ends of the link between the road speed limiter and the device providing the road speed signal | |  |  |  |
|  | * all internal parts of the mechanical road speed limiting equipment | |  |  |  |
|  | * control unit of the electronic road speed governor | |  |  |  |

Testing details

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Geared speed control | | | | | | | | | Applicable | | |  | |
| Rated engine speed (L) |  | Tyre size | | | | |  | | | | | | |
| Rear axle ratio |  | Tyre revolutions per kilometre (M) | | | | |  | | | | | | |
| Transmission ratio in highest gear |  | Calculated maximum road speed capability | | | | |  | | | | | | |
| Overall gear reduction ratio (A) |  |  | | | | |  | | | | | | |
| Road test | | | | | | | | | Applicable | | |  | |
| Has the accuracy of the speedometer been checked? | | | Yes | |  | | | | | No |  | | |
| Actual speedometer reading at set speed of vehicle | | |  | | | | | | | km/h | | | |
| Maximum true vehicle speed during test | | | Test 1 |  | | km/h | | | | Test 2 |  | | km/h |
| Were vehicle testing and results in accordance with ADR 65/.. (or Item 4 of this modification code)? | | | Yes | |  | | | No | | |  | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Test using a dynamometer | | | | Applicable | |  |
| Has the dynamometer been calibrated in the past six (6) months? | Yes |  | No | |  | |
| Date of calibration |  | | | | | |
| Was the dynamometer set up to simulate test conditions outlined in ADR 65/.. or Section A – Engines? | Yes |  | No | |  | |
| Maximum vehicle speed reading |  | | km/h | | | |

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 A5? | |  |  |  |
| 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: |
|  | |  |  |  |