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): |
|  |  |  |

Axle and wheel details

|  |  |  |
| --- | --- | --- |
| Rear axle make and model: | Current rear axle rating (kg): | Updated rear axle rating (kg) (if any) with new wheel, i.e. tyre or rim: |
|  |  |  |
| Wheel rim manufacturer: | Rim size and offset: | Tyre size: |
|  |  |  |

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? | | |  |  |  |

Installation details

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Wheels and tyres | | Check Yes or No as applicable: | Yes | No |  |
| 1 | Do the vehicle’s wheels and tyres remain within the extreme width of the mudguards and the maximum width limit for the vehicle (2.5 metres)? | |  |  |  |
| 2 | Are replacement tyres and wheel rims approved as suitable by the Tyre and Rim Association of Australia, with an acceptable standard permitted by Australian Design Rule (ADR) 42/.., 95/.. or 96/.. or as per manufacturer’s specifications? | |  |  |  |
| 3 | Do the vehicle’s wheels and tyres have adequate clearance from all componentry under full movement (including rear steer axles) and full suspension travel? | |  |  |  |
| 4 | Do wheel nuts engage sufficient wheel stud tread? | |  |  |  |
| Axles | | Check Yes, No, N/A as applicable: | Yes | No | N/A |
| 1 | Has a ground axle mass rating of the original or replacement rear axle componentry been established to ensure the mass ratings of componentry being used are not exceeded? | |  |  |  |
| Bearings | | Check Yes, No, N/A as applicable: | Yes | No | N/A |
| 1 | Has bearing life been assessed to ensure it is acceptable? | |  |  |  |
| Brakes | | Check Yes, No, N/A as applicable: | Yes | No | N/A |
| 1 | If non-standard wheels are fitted which may affect braking performance has brake testing been performed in accordance with VSB6 Section G – Brakes? | |  |  |  |
| Summary | | Check Yes, No, N/A as applicable: | Yes | No | N/A |
| 1 | If the vehicle’s gross vehicle mass (GVM) rating has been affected by the modification, has certification been carried out in accordance with VSB6 Section S — Vehicle Rating? | |  |  |  |
| 2 | If the trailer’s aggregate trailer mass (ATM) rating has been affected by the modification, has certification been carried out in accordance with VSB6 Section S — Vehicle Rating? | |  |  |  |
| 3 | If the overall diameter of the wheel and tyre combination has changed, has the vehicle’s speedometer been recalibrated in accordance with ADR 18/..? | |  |  |  |
| 4 | If the overall diameter of the wheel and tyre combination has changed, has the vehicle’s speed limiter been recalibrated in accordance with ADR 65/..? | |  |  |  |

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 D3? | |  |  |  |
| 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: |
|  | |  |  |  |