### 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): |
|  | | | |  | | |  |
| Vehicle make, model and year used for comparison: | | | | | | | Vehicle modifier (company name): |
| Make |  | Model |  | | Year |  |  |
| Certifying S2/S3 AVE name: | | | | | **AVE no.:** | | S2/S3 design certificate number: |
|  | | | | |  | |  |

### Component details (as applicable)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Component details | | | | | | | | | | | | | | | | | |
| Component | Make/model | | | | | | Manufacturer’s max. | | | | | | Low/top ratios | | | | |
| GVM and | | | GCM ratings | | |
| Transmission |  | | | | | |  | | kg |  | | kg | 1: |  | 1: | |  |
| Aux. transmission |  | | | | | |  | | kg |  | | kg | 1: |  | 1: | |  |
| Rear axle(s) |  | | | | | |  | | kg |  | | kg | 1: |  | 1: | |  |
| Rear suspension |  | | | | | |  | | kg |  | | kg |  | | | | |
| Front axle(s) |  | | | | | |  | | kg |  | | kg | 1: |  | 1: | |  |
| Front suspension |  | | | | | |  | | kg |  | | kg |  | | | | |
| Tyres front |  | | | | | |  | | kg |  | |  |  | | | | |
| Tyres rear |  | | | | | |  | | kg |  | |  |  | | | | |
| Chassis section |  | | | | | |  | | kg |  | | kg |  | | | | |
| Tow coupling / fifth wheel |  | | | | | | | D-rating | | |  | | | | | kN | |
| Tow coupling overhang | Applicable: | | | Yes |  | No |  | Amount | | |  | | | | | mm | |
| Wheelbase |  | | | | | | mm | Overhang | | |  | | | | | mm | |
| Modified GCM rating GCM assigned | | | Vehicle make/model, if used for comparison | | | | | | | | | | | | | | |
|  | | kg |  | | | | | | | | | | | | | | |

### Assessment

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Assessment Check Yes, No, N/A as applicable: | | Yes | No | N/A |
| 1 | Is the modified GVM/GCM within all the component manufacturer's limits? |  |  |  |
| 2 | Have the following been kept for future audit:   * details of components of the vehicle model used for reference; or * a copy of the S2/S3 design certification and checklist? |  |  |  |
| 3 | Is the vehicle identical, including air system compressor, chassis reinforcements, steering system, to:   * the reference vehicle; or * according to the S2/S3 report specification? |  |  |  |
| 4 | Has the tyre placard, if fitted, been updated where necessary to record the correct tyre and rim sizes, axle configurations, axle loads and tyre inflation pressures for the modified vehicle? |  |  |  |
| 5 | Are the tyres and rims fitted to the vehicle in accordance with the tyre placard? |  |  | ☐ |
| 6 | Has gradeability been established as adequate for the modified GVM/GCM? |  |  |  |

### 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? |  |  |  |

### 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 S1? |  |  |  |
| 2 | Is the quality of the work to an accepted industry standard? |  |  |  |
| 3 | Does the vehicle comply with all applicable Australian Design Rules (ADRs) requirements at the revised GVM/GCM  (i.e., vehicle rates to 4490kg, NB1 category requirements including but not limited to brake performance?) |  |  |  |
| 4 | 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: |
|  | |  |  |  |