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 details

|  |  |  |
| --- | --- | --- |
| Additional/Replacement axle make and model(s): | Axle rating(s) (kg): | Serial no(s).: |
|  |  |  |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Installation | | Check Yes, No, N/A as applicable: | Yes | No | N/A |
| 1 | Do the replacement or additional rear axles have mass ratings and gear ratios that are suitable for the mass ratings of the vehicle? | |  |  |  |
| 2 | Is all welding on the axle housings (for spring seats, axle seats, torque rod brackets, etc.) performed in accordance with the axle manufacturer's recommended procedure? | |  |  |  |
| 3 | Are the replacement or additional rear axles installed at the axle manufacturer's recommended installation angle? | |  |  |  |
| 4 | Are the brakes on any replacement rear axle either transferred from the original axle, identical brakes to those fitted on the original axle, or certified in accordance with VSB6 Section G — Brakes? | |  |  |  |
| 5 | Where there are any additional axles, has the modification to the brake system been performed in accordance with VSB6 Section G — Brakes? | |  |  |  |
| 6 | If changes to the rear suspension or tail shaft are required, have the appropriate sections of VSB6 been followed, i.e. Sections C — Tail shafts and F — Suspension? | |  |  |  |
| 7 | If a change in axle ratio has been performed, has the modifier ensured that a suitable ratio is selected for road speed and gradeability, and that speedometer and road speed limiter accuracy is maintained? *(*Refer VSB6 Modification Code A5) | |  |  |  |

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 D1? | |  |  |  |
| 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: |
|  | |  |  |  |