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

|  |  |  |
| --- | --- | --- |
| Front axle make and model: | Axle rating (kg): | 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-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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Axles | | Check Yes, No, N/A as applicable: | Yes | No | N/A |
| 1 | Do the replacement or additional axles have a mass rating suitable for the mass rating of the vehicle? | |  |  |  |
| 2 | Do the replacement or additional axles have spring/airbag spacing compatible with the spring mountings on the chassis? | |  |  |  |
| 3 | Is all welding on the axle housing performed in accordance with the axle manufacturer's recommendations? | |  |  |  |
| 4 | Is the axle installed within the axle/vehicle manufacturer's recommended caster angle limits? | |  |  |  |
| 5 | Does the width of the axle assembly and turning circle comply with the relevant Australian Design Rules (ADRs)? | |  |  |  |
| 6 | Has any change in ride height resulted in continued compliance with ADR 84/.. requirements? | |  |  |  |
| Suspension | | Check Yes, No, N/A as applicable: | Yes | No | N/A |
| 7 | Have all changes to the suspension been completed in accordance with VSB6 Section F — Suspension? | |  |  |  |
| Tail shafts | | Check Yes, No, N/A as applicable: | Yes | No | N/A |
| 8 | For vehicles with front driven axles, are all tail shaft alterations performed and certified in accordance with VSB6 Section C — Tail shafts? | |  |  |  |
| Brakes | | Check Yes, No, N/A as applicable: | Yes | No | N/A |
| 9 | Are any changes to the brakes performed and certified in accordance with VSB6 Section G — Brakes? | |  |  |  |
| Steering Check Yes, No, N/A as applicable: | | | Yes | No | N/A |
| 10 | Does the steering system have adequate clearance throughout the operating range and suspension travel? | |  |  |  |

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 E1? | |  |  |  |
| 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: |
|  | |  |  |  |