Vehicle and modifier details

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| --- | --- | --- |
| Vehicle make: | Vehicle model: | Month and year of manufacture: |
|  |  |  |
| VIN (if applicable): | Vehicle chassis no. (if applicable): | Vehicle modifier (company name): |
|  |  |  |

Advanced braking systems

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| --- | --- | --- | --- | --- |
| 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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Steering alteration | Applicable: | [ ]  | Check Yes, No, N/A as applicable: | Yes | No | N/A |
| 1 | Have all welded components been shown to be free of defects by radiographic testing in accordance with AS 2177 — *Radiography of Welded Butt Joints in Metal*? | [ ]  | [ ]  | [ ]  |
| 2 | Do all replacement/modified components have a mass rating suitable for the mass rating of the vehicle? | [ ]  | [ ]  | [ ]  |
| 3 | Are all components mounted in such a manner that the mountings can withstand all possible operating loads without damage or excessive deflection? | [ ]  | [ ]  | [ ]  |
| 4 | In the case of a power steering system, has a pressure relief valve been fitted and properly adjusted? | [ ]  | [ ]  | [ ]  |
| 5 | Are all hoses and reservoirs in accordance with the manufacturer's recommendations for size, flow and pressure rating, and clear of exhaust components and regions where they possibly may suffer abrasion? | [ ]  | [ ]  | [ ]  |
| 6 | Does the steering system have adequate clearance throughout the operating range and suspension travel? | [ ]  | [ ]  | [ ]  |
| 7 | Has all heating/welding been performed by a qualified person in accordance with the axle manufacturer's instructions? | [ ]  | [ ]  | [ ]  |
| 8 | Have all chassis modifications been performed in accordance with VSB6 Section H — Chassis (as applicable)? | [ ]  | [ ]  | [ ]  |
| 9 | Have all brake system modifications been performed in accordance with VSB6 Section G — Brakes? | [ ]  | [ ]  | [ ]  |
| 10 | Have all cabin modifications been performed in accordance with VSB6 Section K — Cabin? | [ ]  | [ ]  | [ ]  |
| Left to Right Hand Drive Conversion | Applicable: | [ ]  | Check Yes, No, N/A as applicable: | Yes | No | N/A |
| 11 | Has the manufacturer's steering geometry been maintained? | [ ]  | [ ]  | [ ]  |
| 12 | Has the steering system been shown to conform to the vehicle manufacturer's right-hand drive design specifications or demonstrated to equal the original system in all levels of safety and performance? | [ ]  | [ ]  | [ ]  |
| 13 | Are all modified or replacement components equal in strength to the original components and free from defects? | [ ]  | [ ]  | [ ]  |
| 14 | Are all steering column and pedal mounting brackets original right-hand drive components, duplicated from original components, or of adequate strength and performance? | [ ]  | [ ]  | [ ]  |
| 15 | Have all modified or replacement components been demonstrated to equal the original components in strength and performance and shown to be free of defects? | [ ]  | [ ]  | [ ]  |

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| Dual steering alteration | Applicable: | [ ]  | Check Yes, No, N/A as applicable: | Yes | No | N/A |
| 16 | Has the manufacturer's right-hand drive steering geometry been retained? | [ ]  | [ ]  | [ ]  |
| 17 | Have all modified or replacement components been demonstrated to equal the original components in strength and performance and shown to be free of defects? | [ ]  | [ ]  | [ ]  |
| 18 | Have all additional moving components in the cabin (except the steering wheel) been provided with guards to prevent fouling with other components or causing injury to vehicle occupants? | [ ]  | [ ]  | [ ]  |
| 19 | Do all electrical systems function correctly in accordance with manufacturer specifications and Australian Design Rules (ADR) requirements? | [ ]  | [ ]  | [ ]  |
| 20 | Have additional rear vision mirrors been installed on the right-hand side of the vehicle to ensure the driver, when seated in the left-hand driving position, has adequate rear vision? | [ ]  | [ ]  | [ ]  |
| 21 | Have suitable signs indicating safety and operating procedures been attached in a prominent position adjacent to the steering controls? | [ ]  | [ ]  | [ ]  |
| 22 | Are throttle, brake and clutch control pedals in conventional positions in both driving positions? | [ ]  | [ ]  | [ ]  |
| 23 | Has a speedometer been installed so its indication is readily visible to the driver when seated in both driving positions? | [ ]  | [ ]  | [ ]  |

Compliance

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| --- | --- | --- | --- | --- |
| Modification  | Check Yes or No as applicable: | Yes | No |  |
| 1 | Does this modification meet all the requirements of the manufacturer’s guidelines / Modification Code E2? | [ ]  | [ ]  |  |
| 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

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| **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: |
|  |  |  |  |