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): |
|  |  |  |

Axle and wheel details

|  |  |  |
| --- | --- | --- |
| Front axle make and model: | Current front axle rating (kg): | Updated front 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 | When in the straight ahead position, do the wheels and tyres of the vehicle 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, by the tyre manufacturer or comply with the standards permitted by Australian Design Rule (ADR) 42/.., 95/.., or 96/.. and have they been fitted in accordance with relevant ADRs? | |  |  |  |
| Axles | | Check Yes, No, N/A as applicable: | Yes | No | N/A |
| 3 | Has a ground axle mass rating of original or replacement front axle componentry been established to ensure the mass ratings of componentry being utilised are not exceeded? | |  |  |  |
| Steering | | Check Yes, No, N/A as applicable: | Yes | No |  |
| 4 | Have the steering components been checked for adequate clearance of all componentry under full movement of the steering wheel from lock to lock and full suspension travel? | |  |  |  |
| 5 | Has the fitting of non-standard front wheel taken into consideration the potential effect of changed loads on steering components, wheel bearing etc.? | |  |  |  |
| 6 | Are the steering linkages adequate for the loads encountered due to this modification? | |  |  |  |
| 7 | Has consideration been given to the steering geometry (wheel alignment), wheels fouling vehicle componentry, tyre life and changing angles of the steering mechanism resulting in changes to the turning circle of the vehicle? | |  |  |  |
| 8 | Have the result of increased tyre and wheel mass and an increased scrub radius causing higher dynamic loadings (the loading on a wheel while it is rotating) which may be imposed on the steering componentry, been considered when planning and evaluating the modifications? | |  |  |  |
| 9 | Does the modification ensure the vehicle continues to have a turning circle in either direction, as determined by reference to the extreme outer edge of the tyre track at ground level and not exceeding 25 metres in diameter? | |  |  |  |
| Summary | | Check Yes, No, N/A as applicable: | Yes | No |  |
| 10 | If the vehicle gross vehicle mass (GVM) rating has been affected by the modification, has certification been carried out in accordance with VSB6 Section S — Vehicle rating? | |  |  |  |

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 E3? | |  |  |  |
| 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: |
|  | |  |  |  |