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, No as applicable: | Yes | No |  |
| 1 | Has the modification been performed in accordance with the manufacturer’s guidelines? | |  |  |  |

Modification details

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Trailer suspension | | Check Yes, No, as applicable: | Yes | No |  |
| 1 | Is the modified chassis configuration the same as the original configuration, i.e. is the category of registration unchanged? | |  |  |  |
| 2 | Is the slope (rake) suitable for the intended application of the trailer? | |  |  |  |
| 3 | Is the substitute suspension an approved load-sharing type as per the Commonwealth component type approval system and relevant heavy vehicle standards regulation? | |  |  |  |
| 4 | Has the trailer braking system been re-certified under the VSB6 modification codes G3 or G8? | |  |  |  |
| 5 | Is the replacement suspension system suitable for the proposed mass rating of the trailer? | |  |  |  |
| 6 | If mass re-rating is required, has it been performed in accordance with VSB6 Modification Code S7? | |  |  |  |
| 7 | Is the replacement suspension system the correct width for the chassis? | |  |  |  |
| 8 | Are all suspension brackets suitably and adequately attached to the chassis? | |  |  |  |
| 9 | Has the chassis been suitably reinforced at the attachment positions of the suspension hanger brackets and associated components? | |  |  |  |
| 10 | Is the chassis cross-bracing suitable for the type of suspension? | |  |  |  |
| 11 | Do all suspension, axle, wheel and chassis components have sufficient clearance to accommodate the entire range of travel of the suspension, including the complete deflation of an air bag in an air suspension? | |  |  |  |
| 12 | Are axle catch straps and shock absorber mounts adequately designed, constructed and attached? | |  |  |  |
| 13 | Have appropriate welding practices been followed? | |  |  |  |
| 14 | Are all suspension substitution-related chassis alterations, including the fitting of additional cross members, performed and certified in accordance with VSB6 Modification Code H5? | |  |  |  |
| 15 | Have the suspension brackets been properly positioned on the chassis? | |  |  |  |
| 16 | Has the suspension been installed in accordance with the suspension manufacturer's instructions? | |  |  |  |
| 17 | Does the installation allow the proper alignment of the axles and have the axles been aligned? | |  |  |  |

Compliance

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| --- | --- | --- | --- | --- | --- |
| Modification | | Check Yes, No as applicable: | Yes | No |  |
| 1 | Does this modification meet all the requirements of the manufacturer’s guidelines / Modification Code F2? | |  |  |  |
| 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: |
|  | |  |  |  |