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? |  |  |  |

Installation details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| General body installation Check Yes, No, N/A as applicable: | | Yes | No | N/A |
| 1 | Is the vehicle within the maximum allowable dimensions as prescribed by the Australian Design Rules (ADRs) and relevant mass, dimension and loading regulation? |  |  |  |
| 2 | Is the attachment of the body capable of supporting the maximum loads imposed by the payload and the body weight during worst case conditions, while evenly distributing the load throughout the chassis? |  |  |  |
| 3 | If body mounting brackets are used, are they bolted to the chassis rail web as required by this modification code or otherwise done in accordance with the vehicle manufacturer’s guidelines or in accordance with a suitable engineering design? |  |  |  |
| 4 | Does the front end of the body sub-frame give a progressive load bearing transition to the chassis? |  |  |  |
| 5 | Are the body mounting attachments (fish plates, U-bolts etc.) in appropriate locations and spacing along the chassis and body sub-frame? |  |  |  |
| 6 | If U-bolts are used, and the vehicle does not have a box type frame, are metal spacers inserted between the top and bottom flanges of the chassis rail to prevent distortion of the flanges below the U-bolts? |  |  |  |
| 7 | If U-bolts are used with wooden runners, are the runners protected from U-bolt damage by steel capping or shaped spacers under bolts? |  |  |  |
| 8 | If U-bolts are used, are at least four (4) outrigger brackets or fishplates used, one on each side of the vehicle at the front and rear? |  |  |  |
| Tippers Check Yes, No, N/A as applicable: | | Yes | No | N/A |
| 9 | Is the design and installation of the ram mounting sufficient to withstand the maximum ram force and the torsional moment from the ram force? |  |  |  |
| 10 | Does the tipper body meet the requirements of AS 1418.8? **(This question is not currently applicable)** |  |  |  |
| 11 | If the tipper body uses a hydraulic hoist system, does the system contain burst protection? |  |  |  |
| 12 | Are the brackets for the tipping pivot mounted in a manner that evenly distributes the loads into the chassis? |  |  |  |
| 13 | Is the forward section of the tipping body transversely restrained by guides? |  |  |  |
| 14 | Are body props meeting the requirements of AS 1418.8 fitted? |  |  |  |
| Rigid type body installation (i.e. road tank vehicles) Check Yes, No, N/A as applicable: | | Yes | No | N/A |
| 15 | Does the mounting system for the tank accommodate the torsional stiffness of the tank while still retaining the chassis frame flexibility? |  |  |  |
| 16 | Are the mounting brackets of sufficient strength to safely support the load? |  |  |  |
| Road tank vehicles carrying liquid dangerous goods Check Yes, No, N/A as applicable: | | Yes | No | N/A |
| 17 | Does the road tank vehicle meet requirements of the Australian Code for the Transport of Dangerous Goods by Roads and Rail? |  |  |  |

Compliance

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Modification Check Yes, No as applicable: | | Yes | No |  |
| 1 | Does this modification meet all the requirements of the manufacturer’s guidelines / Modification Code J1? |  |  |  |
| 2 | Is the quality of the work to an accepted industry standard? |  |  |  |
| 3 | Have all of the modification details and all calculations applicable to the modification been recorded in accordance with the record keeping requirements of VSB6? |  |  |  |
| 4 | Does the modified vehicle continue to comply with all affected ADRs? |  |  |  |

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: |
|  | |  |  |  |