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

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Chassis | | Check Yes, No, N/A as applicable: | Yes | No | N/A |
| 1 | Are the nominal dimensions of the chassis rail section the same as that offered by the manufacturer for the equivalent model? | |  |  |  |
| 2 | Are the dimensions of the reinforcement(s) identical to those stated in the calculations? | |  |  |  |
| 3 | Are the material specifications and tensile yield strength of the chassis rail extension equivalent to that of the original chassis rail? | |  |  |  |
| 4 | Is the modified chassis of sufficient strength for the proposed application? | |  |  |  |
| 5 | Is the location and attachment of the additional reinforcement as per the manufacturer's recommendations, or, where the manufacturer's recommendations are unavailable, VSB6? | |  |  |  |
| 6 | Are all the additional cross members of similar design, material specifications, dimension, location and attachment as that offered by the manufacturer for the equivalent model as per manufacturer’s recommendations or alternatively VSB6 Section H - Overview? | |  |  |  |
| 7 | Has the top hat/box section chassis been modified in accordance with the vehicle manufacturer’s modification guidelines | |  |  |  |
| Vehicle specifications | | Check Yes, No, N/A as applicable: | Yes | No | N/A |
| 8 | Is the axle configuration (i.e. 4x2, 6x4 etc.), axle type, suspension type and installation, brake system, tyre size and GVM/GCM ratings the same as that offered by the manufacturer for an equivalent model, or are the variations in vehicle specifications covered by codes stated on the certificate of modification? | |  |  |  |
| 9 | Is the wheelbase within the range offered by the manufacturer for the equivalent model? | |  |  |  |
| 10 | Has the vehicle stability system, if fitted, been validated by the vehicle or equipment manufacturer as being correctly set up for the changed specification? | |  |  |  |
| Welding | | Check Yes, No, N/A as applicable: | Yes | No | N/A |
| 11 | Has the welding been performed in accordance with the manufacturer's recommendations, or, where the manufacturer's recommendations are unavailable, VSB6? | |  |  |  |
| 12 | Has the welding been performed by a suitably qualified tradesperson and to accepted industry standards? | |  |  |  |
| Heat treated chassis rail | | Check Yes, No, N/A as applicable: | Yes | No | N/A |
| 13 | When establishing the size of additional reinforcement for a heat treated chassis rail, has allowance been made for the reduction in material strength due to welding? | |  |  |  |

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 H3? | |  |  |  |
| 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 requirement of VSB6? | |  |  |  |
| 4 | 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: |
|  | |  |  |  |