### Vehicle and modifier details

|  |  |  |
| --- | --- | --- |
| 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? |  |  |  |

### VMLS specifications

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Make: | | Model no./designation: | | | | Serial no.: | Capacity: | |
|  | |  | | | |  |  | |
| Tested 125% stability: |  | | metres |  | Kg | Tested 110% overload and swing: | metres | Kg |

### Installation details

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Hydraulics | | Check Yes, No, N/A as applicable: | Yes | No | N/A |
| 1 | Are all the hydraulic hoses secure and clear of all moving components and do they have satisfactory ground clearance? | |  |  |  |
| 2 | Is the hydraulic system free from fluid leaks? | |  |  |  |
| Mounting | | Check Yes, No, N/A as applicable: | Yes | No | N/A |
| 3 | Are all chassis alterations made in accordance with VSB6 Section H — Chassis? | |  |  |  |
| 4 | Is the stress level in the chassis, when the loader is operated at its rated capacity, less than one-third the yield stress of the chassis material? | |  |  |  |
| 5 | Are all platform lifting systems installed at the rear or left-hand side of the vehicle? | |  |  |  |
| 6 | Is the mounting method approved by the vehicle chassis manufacturer? | |  |  |  |
| 7 | Is the mounting method approved by the VMLS manufacturer? | |  |  |  |
| 8 | Is the VMLS mounted on a suitably designed sub-frame? | |  |  |  |
| 9 | Does all welding conform to all relevant Australian Standards? | |  |  |  |
| 10 | Are all mounting bolts correctly torqued? | |  |  |  |
| 11 | If a body, including demountable, is fitted, are all other modifications performed in accordance with VSB6 Section J — Body Mounting? | |  |  |  |
| 12 | Do all safety devices operate correctly? | |  |  |  |
| 13 | Is all equipment, when not deployed, free from protrusions so as to minimise the risk of injury to any person? | |  |  |  |
| 14 | Does the method used to install the loader to the chassis or sub-frame conform to the vehicle manufacturer’s instructions, or, if these are not available, has the modifier ensured, before installation, that the vehicle has sufficient chassis reinforcement within the chassis frame design limits so as to withstand the load moment induced by lifting? | |  |  |  |
| 15 | Can the loader and its associated components withstand a load to its rated capacity without causing any permanent deformation or excessive deflection? | |  |  |  |
| 16 | Does the VMLS meet the relevant testing requirements of AS/NZS 1418? | |  |  |  |

### 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 R1? | |  |  |  |
| 2 | Is the quality of the work to an accepted industry standard? | |  |  |  |
| 3 | Have all relevant modification details and calculations been recorded in line with VSB6 record keeping requirements? | |  |  |  |
| 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: |
|  | |  |  |  |