Part A - Vehicle owner’s or supplier’s details

|  |  |  |
| --- | --- | --- |
| Name: | Company/business: | |
|  |  | |
| Address: | | Post code: |
|  | |  |

Vehicle and modifier details

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Vehicle make: | Vehicle model: | | | Month and year of manufacture: | |
|  |  | | |  | |
| VIN (if applicable): | | | Vehicle chassis no. (if applicable): | | |
|  | | |  | | |
| Issued by (Approved Vehicle Examiner (AVE)): | | Company (if applicable): | | | AVE no.: |
|  | |  | | |  |
| Signed: | | Telephone: | | | Date: |
|  | |  | | |  |

Vehicle design

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Vehicle dimensions | | | | | | | | | |
| Overall vehicle length: | | | | Front overhang: | | | | | |
| **mm** | | | | **mm** | | | | | |
| **Drawbar length:** | | | | **Loaded tray length:** | | | | | |
| **mm** | | | | **mm** | | | | | |
| Vehicle rating | | | | | | | | | |
| Aggregate Trailer Mass (ATM) rating: | | | Gross Trailer Mass(GTM) rating: | | | | | | |
| **kg** | | | **kg** | | | | | | |
| Component specifications (the following information should be based on the truck manufacturer’s specifications) | | | | | | | | | |
| Axles: | Make: | Model: | | | | Load rating (with S10 specified tyres): | | Number of axles: | |
| Axle group |  |  | | | | **kg** | |  | |
| Tyres: | Size designation: | Load index: | | | Capacity per tyre: | | Total axle group tyre capacity: | | |
| Axle group |  |  | | | **kg** | | **kg** | | |
| Coupling: | Make: | Model: | | | | | | | D-value: |
| Fifth wheel |  |  | | | | | | | **kN** |
| Towing eye |  |  | | | | | | | **kN** |

Assessment

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Assessment Check Yes, No, N/A as applicable: | | Yes | No | N/A |
| 1 | Is the distance from the centre of the drawbar coupling to the front axle line less than or equal to 5.0m? |  |  |  |
| 2 | Is the overall width of the vehicle within the Australian Design Rule definition for maximum vehicle width (for example 2.5m)? |  |  |  |
| 3 | Is the trailer fitted with a tandem axle group? |  |  |  |
| 4 | Are all axles fitted with dual tyres? |  |  |  |
| 5 | Is the applicable tow coupling rating equal to or greater than: |  |  |  |
| * fifth wheel rating 190 kN? |  |  |  |
| * turntable rating 190 kN? |  |  |  |
| * tow eye rating 210kN? |  |  |  |

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? |  |  |  | |

Part B - Trailer mass

Unladen dry mass

|  |  |
| --- | --- |
| Unladen dry trailer mass | |
| * Unladen mass is taken directly from the weighbridge certificate. | |
| Unladen dry mass of trailer (identical to unladen mass for a dolly as no fluid tanks can be fitted): | **kg** |

Additional Information

|  |
| --- |
| **Weighbridge certificate:** |
|  |
| Manufacturer’s Specifications |
| **Attach a copy of the manufacturer’s specifications. This information is to include, but not be limited to, the following:**   * Make * Model * Year of manufacture * Front and Rear axle manufacturers * Front and Rear axle specification. |
| **Copy of the manufacturer’s specifications:** |
|  |

Part C - Vehicle S10 laden mass (Dolly)

|  |  |
| --- | --- |
| **Vehicle S10 mass (Dolly)** | |
| * Calculate the vehicle S10 laden mass by adding the unladen dry trailer mass and the 15,000kg simulated mass. | |
| **Vehicle S10 laden mass:** | **kg** |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Manufacturer’s mass ratings | | | | | | | | | | |
| * Insert the following values: | | | | | | | | | | |
| **Axle group rating:** | | | | | **kg** | | | | | |
| **Aggregate trailer mass (ATM) rating:** | | | | | **kg** | | | | | |
| **Axle group tyre rating:** | | **Size designation:** | **Load index:** | **Speed index:** | | **Capacity per tyre:** | **Total axle group tyre capacity:** | | | |
|  | |  |  |  | |  |  | | | |
| Modification Check Yes, No as applicable: (If No, do not proceed with the rating) | | | | | | | | Yes | No |  |
| 1 | Is the vehicle S10 laden mass less than or equal to the values recorded above in the manufacturer’s mass ratings? | | | | | | |  |  |  |

Part E - Vehicle details and declarations

AVE authorisation

|  |  |  |
| --- | --- | --- |
| **Declaration by certifier (AVE)** | | |
| **I am the Approved Person who completed all the mass calculations and declare that the information in this form is true and correct.** | | |
| Issued by: | Company (if applicable): | AVE no.: |
|  |  |  |
| Signed: | Telephone: | Date: |
|  |  |  |

Owner/supplier authorisation

|  |  |  |
| --- | --- | --- |
| **As the**  **Owner /**  **Supplier (select applicable) of the vehicle described in this form, I declare that the vehicle specifications and vehicle equipment detailed herein are representative of the vehicle as it will enter into service and that I have enlisted the services of the AVE mentioned above to complete the S10 approval of this vehicle in this build state/configuration.** | | |
| Name: | Company (if applicable): | |
|  |  | |
| Address | | |
|  | | |
| Signed: | Telephone: | Date: |
|  |  |  |