|  |  |
| --- | --- |
| Vehicle and modifier details  | Report no.: |
|  |
|

|  |  |  |
| --- | --- | --- |
| Vehicle make: | Vehicle model: | Month and year of manufacture: |
|  |  |  |
| VIN (if applicable): | Vehicle chassis no. (if applicable): | Vehicle modifier (company name): |
|  |  |  |
| Fifth wheel make:  | Fifth wheel model: | Fifth wheel approval no. (CNR etc.): |
|  |  |  |
| Base:  | Base make and model: |
| Fixed | [ ]  | Rotating | [ ]  | Sliding | [ ]  |  |
| Compliant with AS/NZS4968? | If No, alternative standard applicable: |
| Yes | [ ]  | No | [ ]  |  |

 |

### Results

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Installation

|  |  |  |
| --- | --- | --- |
| Wheelbase in mm | WB = |  |
| Tare mass front axle kg | MFT =  |  |
| King pin lead mm (FOC) | KPL =  |  |
| Height mm | H =  |  |
| Imposed max. load kg | MI =  |  |
| Max. static load front axle kg | MF = |  |
| Manufacturer front axle rating kg |  |  |
| Forward projection radius mm | FPR =  |  |

MountingsMounting angle

|  |  |  |
| --- | --- | --- |
| Size in mm = |  | min. 100 x 75 x 10 or equivalent |
| Length in mm = |  | min. chassis width + 600 |

Mounting bolts

|  |  |  |  |
| --- | --- | --- | --- |
|  | No. of bolts | Dia. | Grade |
| Base plate to angle:  |  |  |  |
| Angle to chassis: no. of bolts |  |  |  |

Clearance

|  |  |
| --- | --- |
| Top of chassis to top of angle in mm |  |

For sliding assemblies:

|  |  |
| --- | --- |
| Describe means of positive locking |  |
| Describe slide slope and give bolt size or weld size and length |
|  |

 |

|  |
| --- |
|   |
| H | Should be 1220 mm + 100 mm / -70 mm |
| MF | Must not exceed the least of the legal limit tyre capacity or manufacturer’s rating |
| MF | Should not be less than MFT |
| KPL | Recommended minimum 2% WB |
| $$MF=MFT+\frac{MI X KPL}{WB}$$ |

🡾**KPL** is measured forward of the axle group centreline (FOC). Where the articulation point is rear of centre, the KPL is negative. Whilst positive KPL is recommended, the fifth wheel position should be chosen so that it is appropriately located with respect to the rear axle group centre. |

### Authorisation

|  |  |
| --- | --- |
| **Comments:** |  |
| Examined by: | Company (if applicable): | AVE no.: |
|  |  |  |
| Signed: | Modification certificate no.: | Modification plate no.: | Date: |
|  |  |  |  |