Performance Based Standards (PBS)

Design Approval Application Form

Part B

*Heavy Vehicle National Law* Section 22

*Heavy Vehicle (General) National Regulation* Section 4

V#app number#

*Note: Only PBS Assessors and Certifiers may submit this form*

**FOR OFFICE USE ONLY**

|  |  |
| --- | --- |
| **Assessor** | #assessor# |
| **Applicant** | #applicant# |
| **Vehicle description** | #vehicle# |
| **Pre-advised design** | #preadvised# |
| **Received by NHVR** | #date received# |
| **Processed by NHVR** | #date processed# |

APPLICATION AMENDMENT / VARIATION / CORRECTION SUMMARY

|  |  |  |
| --- | --- | --- |
| N | Brief Description | Date |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |

NOTES:

* All amendments/variations/corrections from the previous version should be marked on the form with yellow highlight for clarity.

|  |
| --- |
| Instructions For The Assessor |
| 1. The Assessor must complete Column C3 of this form for each PBS vehicle. If the PBS heavy vehicle is a combination, the relevant Parts A1 to A3 must be completed for each unit (e.g. trailer, semitrailer and dolly) in the combination. Insert additional Parts as necessary.
2. Some rows of Column C3 may be left blank provided the category or component is adequately described elsewhere in the Application Form.
3. When the vehicle is completely described, the Assessor must complete the Assessor Declaration in PBS Design Approval Application Form Part A.
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|  Instructions For The Certifier |
| 1. The Certifier must complete Columns C4 and C5 of this form after having inspected the PBS vehicle/s.
2. For every physical requirement in Column C3 (Specification), the Certifier must complete Column C4 and provide the result of the inspected item in Column C5. For example, it may simply be that the dimensions are correct and the justification is “measured”. It may be that the specified engine is present and the engine manufacturer has provided a certification as to torque speed characteristics. Column C5 would be completed by indicating the specified engine was present and the certification from the engine manufacturer was satisfactory and is attached to the Certifier’s report.
3. The Certifier then completes ***Certifier’s Certificate*** and undertakes other requirements of the Rules. The Certifier must complete the **CERTIFIER’S DECLARATION** below.
 |

|  |
| --- |
| Inspection Details |
| Certifier’s name |  | Appointment No. |  |
| Inspection location |  | Inspection date |  |

|  |
| --- |
| **Certifier’s Declaration\*** |
| I hereby certify that the information in this form and any supporting documents are true and correct. |
| Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  | Date \_\_\_\_ /\_\_\_\_ /\_\_\_\_\_\_ |

\* Giving false and misleading information is a serious offence (Section 702 of the *Heavy Vehicle National Law*). Penalties apply.

| Vehicle Physical Characteristics (A1)  |
| --- |
| **CATEGORY OR COMPONENT (C1)** | **PARAMETER (C2)** | **SPECIFICATION (C3)** | **PHYSICAL REQUIREMENT OF THE PARAMETER PRESENT (C4)** | **JUSTIFICATION (C5)** |
| [ ]  Inspection [ ]  Desktop |
| **VIN** |
| **Truck / Prime Mover** |  |  |  |
| Vehicle | Generic description |  | [ ]  YES [ ]  NO |  |
| Make and model |  |
| Engine and driveline  | Make, model and ratingEngine torque-speed |  | [ ]  YES [ ]  NO |  |
| Clutch engagement torque (manual transmission) |  | [ ]  YES [ ]  NO |  |
| Torque converter characteristics (automatic transmission) |  | [ ]  YES [ ]  NO |  |
| Gearbox | Make, model and gearbox ratios |  | [ ]  YES [ ]  NO |  |
| Differential | Make, model and final drive ratio |  | [ ]  YES [ ]  NO |  |
| 6.5t steer axle mass eligibility | 1. an engine that complies with the engine emission standards of Australian Design Rule (ADR) 80/01 (Euro 4) or a later version of ADR 80
2. a front underrun protection device (FUPD) that complies with UN ECE Regulation 93 or ADR 84
3. a cabin that complies with UN ECE Regulation 29
 |  | [ ]  YES [ ]  NO |  |
| Suspension | Make and model | Steer – | [ ]  YES [ ]  NO |  |
| For twin-steer prime movers, load sharing is required for operation above 10t | [ ]  YES [ ]  NO |  |
| Drive – | [ ]  YES [ ]  NO |  |
| Road friendly suspensions are required for HML and QML masses | [ ]  YES [ ]  NO | RF number: |
| Wheels and axles | Track width, and dual tyre spacing | Steer Track –Drive Track –Dual tyre spacing – | [ ]  YES [ ]  NO |  |
| Drive axle group tractive effort distribution |  | [ ]  YES [ ]  NO |  |
| Wheels and axles | Lift axle/s |  | [ ]  YES [ ]  NO |  |
| Couplings | Type, D rating |  | [ ]  YES [ ]  NO |  |
| Brakes | EBS, ABS, LPV |  | [ ]  YES [ ]  NO |  |
| Mass | Gross Vehicle Mass (kg)Gross Combination Mass (kg) |  | [ ]  YES [ ]  NO |  |
| Tare | Minimum tare (kg) |  | [ ]  YES [ ]  NO |  |
| Other | Additional or special requirements |  | [ ]  YES [ ]  NO |  |

| **Vehicle Physical Characteristics (A2)** |
| --- |
| **CATEGORY OR COMPONENT (C1)** | **PARAMETER (C2)** | **SPECIFICATION (C3)** | **PHYSICAL REQUIREMENT OF THE PARAMETER PRESENT (C4)** | **JUSTIFICATION (C5)** |
| [ ]  Inspection [ ]  Desktop |
| **VIN** |
| **Trailer / Semitrailer / Dolly** |  |  |  |
| Vehicle | Generic description |  | [ ]  YES [ ]  NO |  |
| Make and model |  |  |
| Body type |  |  |
| Suspension | Rigid axle suspension make and model |  | [ ]  YES [ ]  NO |  |
| Road friendly suspensions are required for HML and QML masses | [ ]  YES [ ]  NO | RF number: |
| Steerable axle suspension make and model |  | [ ]  YES [ ]  NO |  |
| Road friendly suspensions are required for HML and QML masses | [ ]  YES [ ]  NO | RF number: |
| Wheels and axles | Track width, and dual tyre spacing |  | [ ]  YES [ ]  NO |  |
| Lift axle/s |  | [ ]  YES [ ]  NO |  |
| CouplingsBrakes | Type, D rating |  | [ ]  YES [ ]  NO |  |
| EBS, ABS, LPV |  | [ ]  YES [ ]  NO |  |
| Mass | Aggregate Trailer Mass (kg) |  | [ ]  YES [ ]  NO |  |
| Tare | Minimum tare (kg) |  | [ ]  YES [ ]  NO |  |
| Other | Additional or special requirements |  | [ ]  YES [ ]  NO |  |
|  |  |  |  |  |
|  |  |  |  |  |

| **VEHICLE PHYSICAL CHARACTERISTICS (A3)** |
| --- |
| **CATEGORY OR COMPONENT (C1)** | **PARAMETER (C2)** | **SPECIFICATION (C3)** | **PHYSICAL EQUIREMENT OF THE PARAMETER PRESENT (C4)** | **JUSTIFICATION (C5)** |
| **VEHICLE COMBINATION** |
| Dimensions | Compliance with the dimensions in the drawing/s (specify drawing number/s) |  | [ ]  YES [ ]  NO |  |

Vehicle Drawings (A4)

Tyres – Steer

*Inspection table completed by Certifier*

| ***AXLE NO*** | ***SPECIFICATION*** | ***COMPLIANT*** | ***CONDITION*** |
| --- | --- | --- | --- |
|  |  | [ ]  YES [ ]  NO |  |

*Options table completed by Assessor – New Tyre options*

| **NEW TYRE SIZE, MAKE, MODEL** | **NEW TYRE SIZE, MAKE, MODEL** |
| --- | --- |
|  |  |

*Options table completed by Assessor – Retread Tyre options*

| **RETREAD TYRE SIZE, MAKE, MODEL** | **RETREAD TYRE SIZE, MAKE, MODEL** |
| --- | --- |
|  |  |
| **RETREAD TYRE CONDITION** |
|  |

Tyres - Drive

*Inspection table completed by Certifier*

| ***AXLE NO*** | ***SPECIFICATION*** | ***COMPLIANT*** | ***CONDITION*** |
| --- | --- | --- | --- |
|  |  | [ ]  YES [ ]  NO |  |

*Options table completed by Assessor – New Tyre options*

| **NEW TYRE SIZE, MAKE, MODEL** | **NEW TYRE SIZE, MAKE, MODEL** |
| --- | --- |
|  |  |

*Options table completed by Assessor – Retread Tyre options*

| **RETREAD TYRE SIZE, MAKE, MODEL** | **RETREAD TYRE SIZE, MAKE, MODEL** |
| --- | --- |
|  |  |
| **RETREAD TYRE CONDITION** |
|  |

Tyres - Trailer

*Inspection table completed by Certifier*

| ***AXLE NO*** | ***SPECIFICATION*** | ***COMPLIANT*** | ***CONDITION*** |
| --- | --- | --- | --- |
|  |  | [ ]  YES [ ]  NO |  |

*Options table completed by Assessor – New Tyre options*

| **NEW TYRE SIZE, MAKE, MODEL** | **NEW TYRE SIZE, MAKE, MODEL** |
| --- | --- |
|  |  |

*Options table completed by Assessor – Retread Tyre options*

| **RETREAD TYRE SIZE, MAKE, MODEL** | **RETREAD TYRE SIZE, MAKE, MODEL** |
| --- | --- |
|  |  |
| **RETREAD TYRE CONDITION** |
|  |