



Performance Based Standards Scheme

Vehicle Certification Rules



April 2019

Publishing information

Copyright

Copyright © National Heavy Vehicle Regulator (2019)

Revision 18/04/2019

<http://creativecommons.org/licenses/by-sa/3.0/au>

This work is licensed under a Creative Commons Attribution-ShareAlike 3.0 Australia Licence.

To attribute this material, cite National Heavy Vehicle Regulator, Strategic Directions 2017.

Interpreter service statement

The NHVR is committed to providing accessible services to people from all culturally and linguistically diverse backgrounds.

If you have difficulty in understanding this document, you can contact the NHVR on 1300 696 487 or info@nhvr.gov.au

We will arrange for an interpreter to communicate the report to you.

Where to get a copy

For more information on this document, contact:

Robert Gibson
Principal Engineer
Productivity and Safety
National Heavy Vehicle Regulator
PO Box 492 FORTITUDE VALLEY QLD 4006

Website: www.nhvr.gov.au

Telephone: (07) 3309 8599

Disclaimer

The National Heavy Vehicle Regulator (NHVR) does not warrant, guarantee or make any representations regarding the currency, accuracy, correctness, reliability, usability, or any other aspect of material presented in this template.

The user accepts sole responsibility and all risk for using material presented on or accessed from this website. The NHVR is under no liability to any person in respect of any loss or damage (including consequential loss or damage) which may be suffered or incurred or which may arise directly or indirectly in respect of information contained on and/or accessed from this website whether links from the website or otherwise.

Contents

1	PURPOSE OF THESE RULE	5
2	DEFINITIONS	5
3	AUTHORITY	6
4	ELIGIBILITY REQUIREMENTS FOR CERTIFIERS	7
5	BECOMING A CERTIFIER.....	8
6	REGULATOR TO KEEP AND PUBLISH LIST OF CERTIFIERS	9
7	RENEWAL OF APPOINTMENT	9
9	TERMINATION BY CERTIFIER.....	11
10	TERMINATION BY THE REGULATOR.....	11
11	TERMINATION PROCEDURE.....	11
12	ONLY CERTIFIERS MAY CARRY OUT CERTIFICATIONS.....	12
13	ONLY COMPLETED VEHICLES MAY BE INSPECTED FOR CERTIFICATION	12
14	HOW CERTIFICATIONS ARE TO BE INITIATED	12
15	WHERE CERTIFICATIONS ARE TO OCCUR	13
16	HOW CERTIFICATION INSPECTIONS ARE TO BE CARRIED OUT	13
17	USE OF THIRD PARTY EVIDENCE	14
18	MULTIPLE IDENTICAL VEHICLES	14
19	ISSUE OF THE CERTIFIER'S CERTIFICATE	15
20	NON-COMPLIANCE	15
21	MANUFACTURER'S CERTIFICATION	15
22	FORMS FOR VEHICLE CERTIFICATION	17
23	AMENDMENT OF THESE RULES	17
	APPENDIX A: CERTIFIER'S AGREEMENT	18
	BACKGROUND.....	20
	AGREEMENT.....	20
	INTERPRETATION	20
	OBLIGATIONS OF THE REGULATOR	21
	OBLIGATIONS OF THE CERTIFIER	21



GENERAL PROVISIONS.....	25
APPENDIX B: VEHICLE CERTIFICATION INSPECTION CHECKLIST	30

PART 1 – PRELIMINARY MATTERS

1 Purpose of these Rule

The purpose of these Rules is to:

- (a) to specify the eligibility requirements for a person wishing to be appointed to carry out certifications of vehicles for the purposes of the PBS Scheme;
- (b) to specify when, where and how certifications for the purposes of the PBS Scheme are to be undertaken;
- (c) to specify various forms for the purposes of certifications; and
- (d) set out the requirements related to the suspension and termination of a person appointed as a PBS vehicle certifier and the process to be followed.

2 Definitions

Term	Definition
Assessment Rules	the Standards and Vehicle Assessment Rules as defined by the Heavy Vehicle (General) National Regulation
Business day	has the meaning given by Schedule 1 Section 12 of the <i>Heavy Vehicle National Law</i>)
Certifier	a PBS vehicle certifier as defined by the <i>Heavy Vehicle (General) National Regulation</i>
Certifier's certificate	means a Certifier's certificate of the type described in Rule 22 of these Rules and published on the Regulator's website.
Combination	means a group of vehicles consisting of a motor vehicle connected to one or more vehicles
General regulation	the <i>Heavy Vehicle (General) National Regulation</i>
HVNL	the <i>Heavy Vehicle National Law</i>
Manufacturer's certificate	means a Manufacturer's certificate of the type described in Rule 21 and 22 of these Rules and published on the Regulator's website.
PBS Scheme	the Performance Based Standards Scheme established under Part 1.4 of the <i>Heavy Vehicle National Law</i>
Same production run	means the production of vehicles of the same model in sequence at the same facility
Standard	has the meaning given by the Assessment Rules

Vehicle Certification Information	in relation to a vehicle, means a document in the form of Appendix G of Assessment Rules that has had its third column completed and certified in relation to the vehicle by an assessor who is appointed to carry out assessments for the purposes of the PBS Scheme
Vehicle physical characteristic	means a physical characteristic specified in the Vehicle Certification Information for a vehicle as a characteristic that the vehicle must have
Vehicle standards regulation	the <i>Heavy Vehicle (Vehicle Standards) National Regulation</i>

In these Rules, unless a contrary intention appears:

- (a) the singular includes the plural and the plural includes the singular;
- (b) a reference to a rule or Appendix is a reference to a rule of, or Appendix to, these Rules;
- (c) if a word or phrase is defined, its other grammatical forms have a corresponding meaning;
- (d) a reference to an Act, Regulation, standard, set of Rules or document is a reference to the Act, Regulation, standard, Rules or document as amended from time to time; and
- (e) a reference to a vehicle includes a reference to a combination.

3 Authority

The Vehicle Certification Rules, as prescribed by the HVNL, are the Rules made by the National Transport Commission (NTC) in July 2007, as amended from time to time. These Rules were published by the NTC in their capacity as the administrator of the PBS Scheme.

With the transition of administration of the PBS Scheme to the NHVR and the establishment of a legal framework under the HVNL, a number of transitional arrangements were introduced. One such transitional measure was the inclusion of interpretation rules in section 25(2) of the general regulation to provide guidance on how the Rules were to be read to reflect the role of the NHVR as administrator.

To ensure the Rules are clear and easily understood, the NHVR has produced this consolidated version that updates the July 2007 version with the modifications authorised in the HVNL.

PART 2 – CERTIFIERS

4 Eligibility requirements for certifiers

- (1) To be eligible to be appointed as a Certifier for the purposes of the PBS Scheme must have:
 - (a) at minimum the following qualifications in a field that is acceptable to the Regulator for heavy vehicle certification:
 - (i) a recognised engineering trade; or
 - (ii) an engineering qualifications eligible for associate membership of the Institution of Engineers Australia.
 - (b) practical experience that is recent and relevant in heavy vehicle design, inspection, maintenance or modification, or in a mixture of activities covering a broad range of heavy vehicle activities of not less than:
 - (i) in the case of an engineer who is eligible for professional membership of the Institution of Engineers Australia, 3 years;
 - (ii) otherwise 5 years.
 - (c) good mathematical and reasoning skills; and
 - (d) good written communication skills.
- (2) However, a person is not eligible to be appointed as a Certifier if they –
 - (a) have been found guilty of an offence of dishonesty within the last 5 years; or
 - (b) have not provided a current Criminal History Check in the form requested by the Regulator in support of their statement about sub-rule (2)(a); or
 - (c) are bankrupt or subject to a bankruptcy law; or
 - (d) are prevented by any illness or mental or physical disability from properly performing the functions of a Certifier; or
 - (e) have had their authorisation as a Certifier, or inspection or testing authorisation in any State or Territory or for the Commonwealth suspended or cancelled and, in a jurisdiction's opinion, the circumstances or actions that led to the suspension or cancellation are continuing or are likely to re-occur if the person were to be appointed or re-appointed to such a position.
- (3) In addition to any other ground the Regulator may refuse the appointment of a person as a Certifier, if the person –
 - (a) has failed, in the opinion of the Regulator to properly perform the obligations of a Certifier, engineering signatory or similar role, if ever so engaged or appointed in any Australian jurisdiction; or

- (b) has had their authorisation as a Certifier, accredited inspection, testing or similar role in any Australian jurisdiction suspended or cancelled and, in the opinion of the Regulator, the circumstances or actions that led to the suspension or cancellation are continuing or are likely to re-occur if the person were to be appointed or re-appointed to such a position.

5 Becoming a Certifier

- (1) A person may apply to the Regulator to be appointed as a Certifier.
- (2) The application must be made in the form and manner specified by the Regulator.
- (3) In considering an application by a person for appointment, the Regulator may require the person to do one or more of the following:
 - (a) to attend an interview with a nominee of the Regulator;
 - (b) to provide references as to their competence or experience;
 - (c) to provide any additional information required by the Regulator, including but not limited to, proof of employment by a suitable organisation.
- (4) The Regulator may appoint a person as a Certifier if satisfied that the person meets all of requirements listed in rule 4, and is otherwise eligible to be appointed.
- (5) On the Regulator being satisfied that a person is eligible to be appointed, it must advise the person of that fact in writing.
- (6) The Regulator may only appoint a person who is eligible to be appointed if:
 - (a) the person, and in the case of a person who will operate as an employee, their employer, signs an Agreement in the form of Schedule A; and
 - (b) the person produces evidence that they (or their employer) have complied with the insurance requirements of clauses 20 and 21 of the Agreement.
- (7) Despite subrule (6), if a person is a public servant and will, if appointed, only carry out certifications as a public servant, it is not necessary for the Agreement to provide for the person to be insured, and subrule (6)(b) does not apply.
- (8) If the Regulator is not satisfied that a person is eligible to be appointed, it must notify the person of that fact in writing within 5 business days after reaching that conclusion, and must include in that notification its reasons for reaching that conclusion.

6 Regulator to keep and publish list of certifiers

The Regulator must maintain, and make available to any person who wishes to have a vehicle certified for the purposes of the PBS Scheme, an up-to-date list of certifiers that contains each Certifier's name, address and contact details.

7 Renewal of appointment

- (1) A Certifier's appointment is valid for 5 years from the date it was issued, unless it is surrendered or terminated under these Rules before the expiry of that period.
- (2) A Certifier's appointment expires at 11.59 p.m. on the day it ceases to be valid unless –
 - (a) the Regulator renews the appointment before that expiry; or
 - (b) the Certifier applies for the renewal of the appointment not less than 2 months before that day and has not received written notice that the application has been rejected.
- (3) If subrule (2)(b) applies, the Certifier remains appointed until they are given written notice that the application has been rejected.
- (4) In applying for the renewal of their appointment, a Certifier must provide to the Regulator any information required by the Regulator.
- (5) The Regulator must renew the appointment of the Certifier if the Certifier –
 - (a) applies to be re-appointed not less than 2 months before their appointment is due to expire; and
 - (b) continues to meet the relevant criteria specified in rule 4; and
 - (c) is not otherwise ineligible to be appointed.
- (6) If the Certifier applies to be re-appointed less than 2 months before their appointment is due to expire, the Regulator may renew the appointment if subrules (5)(b) and (5)(c) apply.
- (7) A renewed appointment is valid for 5 years.

8 Suspension by the Regulator

- (1) The Regulator may suspend the appointment of a Certifier in the following circumstances:
 - (a) Where the Regulator believes, on reasonable grounds, that a person may be placed in danger or may suffer financial loss if the Certifier continues to carry out certifications;
 - (b) Pending the outcome of a show cause notice issued by the Regulator to terminate an appointment under rule 11;

- (c) Where the Regulator is investigating a complaint against the Certifier and the continuing receipt of applications from the Certifier would interfere with the investigation, or would create a conflict of interest or the appearance of a conflict of interest;
 - (d) Where the Certifier is in the process of correcting issues identified in an investigation or audit and the continuing receipt of applications from the Certifier would create an unacceptable risk, a conflict of interest, a perceived conflict of interest or would impose an unacceptable burden on the Regulator; or
 - (e) Where material submitted by the Certifier contains repeated errors and places an unacceptable administrative burden on the Regulator.
- (2) The Regulator must advise the Certifier of the suspension by notice in writing stating
- (a) the reason for the suspension;
 - (b) the effect of the suspension;
 - (c) that the suspension takes effect:
 - (i) in the case of a suspension based on subrule (1)(a) or (b), immediately; or
 - (ii) for a suspension for any other grounds, on a nominated date no fewer than five business days after the notice is received;
 - (d) details of any corrective actions required of the Certifier before the suspension is lifted and the time in which those corrections must be completed;
 - (e) that if the Regulator becomes aware of a ground for termination under rule 11 it may issue a show cause notice to the Certifier after their appointment has been suspended;
 - (f) that a suspension continues until the Regulator gives the Certifier written notice either:
 - (i) that the appointment is terminated under rule 11, or
 - (ii) that the suspension is lifted; and
 - (g) contact details for the Regulator.
- (3) If the Regulator suspends a Certifier's appointment, the Regulator must remove the Certifier's name from the list of Certifier's referred to in rule 6.
- (4) The Regulator must use its best efforts to finalise a suspension as soon as possible.
- (5) If a Certifier has completed all the required actions within the time requested in a notice of suspension, and no show cause notice has been issued, the Regulator must lift the suspension.
- (6) Where a Certifier has previously been suspended twice and any of the grounds in subrule (1) arises within 5 years of the date of the first notice of suspension, the Regulator may commence termination proceedings under rule 10 and 11.

9 Termination by Certifier

A certifier may surrender their appointment by giving 20 business days' notice in writing to the Regulator of that surrender.

10 Termination by the Regulator

The Regulator may terminate a Certifier's appointment if the Certifier:

- (a) ceases, in the opinion of the Regulator, to meet the criteria specified in rule 4; or
- (b) fraudulently or falsely issues a Certifier's certificate; or
- (c) commits an offence of dishonesty; or
- (d) fails to carry out an acceptable certification inspection; or
- (e) has an employer who is a party to the Agreement required by rule 5(6), and the Certifier ceases to be employed by the employer; or
- (f) fails, in the opinion of the Regulator, to carry out the obligations of a Certifier in a competent or professional manner or at all; or
- (g) fails to comply with a written direction of the Regulator, or a person authorised by the Regulator, that is issued under these Rules or under the Agreement required by rule 5 (6); or
- (h) has been previously suspended twice and any of the grounds in sub-rule 8 (1) arises within 5 years of the date of the first notice of suspension; or
- (i) otherwise breaches these Rules or the Agreement.

11 Termination procedure

- (1) Before terminating a Certifier's appointment, the Regulator must give written notice to the Certifier stating:
 - (a) the Regulator's intention to terminate the Certifier's appointment; and
 - (b) the grounds on which it proposes to terminate the appointment, and any material facts on which those grounds are based; and
 - (c) inviting the holder to make, within a stated time of at least 14 days after the notice is given to the holder, written representations about why the proposed action should not be taken.
- (2) If, after giving due consideration to any matters that are put to it by the Certifier as above, the Regulator still considers that grounds for termination exist, the Regulator may terminate the appointment.

- (3) The Regulator must give the Certifier a statement of reasons for the decision.
- (4) The decision to terminate the Certifier's appointment takes effect when the information notice is given to the Certifier or at a later time if the information notice states a later date.
- (5) If the Regulator terminates a Certifier's appointment, the Regulator must remove the Certifier's name from the list of certifiers referred to in rule 6.

PART 3 – CERTIFICATIONS

12 Only certifiers may carry out certifications

Only a Certifier may issue a certification for the purposes of the PBS Scheme. However, a Certifier may employ, or use the services of, other people to assist in the certification process, or to provide any technical information required to support them in the certification process.

13 Only completed vehicles may be inspected for certification

A vehicle may only be inspected for certification purposes when the manufacture or modification of the vehicle to meet the requirements of the PBS Scheme has been completed in every way and the vehicle is ready to be put into service.

14 How certifications are to be initiated

- (1) A person who wishes to have a vehicle certified for the purposes of the PBS Scheme must engage a Certifier, and must provide the Certifier with a written authority to obtain the Vehicle Certification Information for the vehicle from the Regulator.
- (2) On being engaged to carry out a certification inspection, the Certifier must advise the Regulator, and must give the Regulator the written authority to obtain the Vehicle Certification Information in relation to the vehicle to be inspected.
- (3) As soon as possible after receiving the advice and written authority from the Certifier, the Regulator must give them the Vehicle Certification Information for the vehicle.
- (4) Once the Certifier has received the Vehicle Certification Information for the vehicle, they must make arrangements with the person who commissioned the certification inspection to inspect the vehicle.

15 Where certifications are to occur

- (1) A certification inspection must be carried out at a safe, clean and well-lit location that has suitable facilities for the inspection of heavy vehicles.
- (2) The inspection may be carried out at –
 - (a) the premises of the vehicle manufacturer or supplier; or
 - (b) the premises of the person who commissioned the inspection, or of the Certifier; or
 - (c) the premises of a State or Territory agency; or
 - (d) another site approved by the Regulator.
- (3) Subject to compliance with subrules (1) and (2), the inspection may be carried out at a place remote from the area or location in which the vehicle is intended to be operated.

Note: Certifiers and those commissioning certification inspections should keep in mind that a permit would usually be required to be able to move the vehicle from a private premises to a remote inspection place.

- (4) If a vehicle is a combination, each vehicle of the combination may be inspected separately and at different locations.

16 How certification inspections are to be carried out

- (1) The Certifier must check and confirm that each of the physical and generic characteristics, and each of the specific components, of the vehicle that have been documented in the Vehicle Certification Information for the vehicle meets the requirements set out in that Information by using whichever one or more of the following means are the most appropriate in any particular case –
 - (a) visual observations;
 - (b) physical measurements or calculations or both;
 - (c) examination and inspection of vehicle or component specification sheets;
 - (d) certification statements provided by motor vehicle manufacturers in the case of characteristics that cannot be readily confirmed by visual means such as engine output, gearbox and differential ratios, unladen centre-of-gravity height, auto gearbox shift delays, etc;
 - (e) certification statements provided by trailer manufacturers in the case of characteristics that cannot be readily confirmed by visual means such as unladen centre-of-gravity height, etc, or by component manufacturers if the trailer manufacturer is not in a position to do so, in the case of readily identifiable, self-contained components that have characteristics that cannot be readily confirmed by visual means such as suspension stiffness, forced steering system characteristics, etc;

- (f) inspection of test results if testing has been specifically required in the Vehicle Certification Information.
- (2) The Certifier must use the Checklist in Schedule B as a guide as to how they are to assess each characteristic or component.
- (3) The Certifier must then complete columns 4 and 5 of the Vehicle Certification Information with respect to characteristic and component that they have assessed.
- (4) If checking and confirming is on the basis of physical measurements or calculations or both, the Certifier must use the relevant values specified in the Vehicle Certification Information.
- (5) The Certifier must compile a record of all observations made, measurements taken, and all other evidence used to confirm that the vehicle met the requirements set out in the Vehicle Certification Information for the vehicle, and must retain the records in a secure location for at least 2 years after they conduct the inspection.
- (6) If a single item of evidence relates to a number of vehicles, separate copies of that evidence must be included in each set of records for each vehicle, except as provided in rule 18.

17 Use of third party evidence

Despite rules 16(1)(d) and 16(1)(e), the Certifier may only rely on evidence or certifications provided by others for the purposes of their certification if –

- (a) they ensure that a person who provides any such evidence or certification to them is appropriately qualified to do so (refer subrule 4(1)(a) for guidance); and
- (b) the evidence or certification provided specifically relates to the characteristic or component of the vehicle being inspected, and can be conclusively linked to that vehicle.

18 Multiple identical vehicles

- (1) If a Certifier inspects 2 or more vehicles that are to be operated by the same person and to which the same Vehicle Certification Information applies, the Certifier may –
 - (a) compile one set of evidence that covers all of the vehicles; and
 - (b) complete columns 4 and 5 on one Vehicle Certification Information form, and use copies of the form to accompany each Certifier's certificate issued in respect of the vehicles.

Note: There is also a procedure by which a manufacturer can certify that vehicles produced in the same production run of the manufacturer are identical to a vehicle that has received a Certifier's certificate – see rule 21.

- (2) If a Certifier compiles one set of evidence under subrule (1), they must ensure that all the vehicles that are covered by the evidence are clearly identified in the documents.

19 Issue of the Certifier's Certificate

- (1) For each vehicle inspected and confirmed as complying with the requirements of the Vehicle Certification Information by a Certifier, they must issue a Certifier's Certificate to the person who commissioned the certification inspection.
- (2) In issuing a certifier's Certificate, the Certifier –
 - (a) must number the certificate in accordance with, and must comply with, any written directions of the Regulator; and
 - (b) must ensure that copies of the completed Vehicle Certification Information form are attached to the certificate.
- (3) The Certifier must keep a copy of the completed Certifier's Certificate and Vehicle Certification Information form, plus copies of all supporting documents, with the record of the inspection.

20 Non-compliance

- (1) If, after inspecting a vehicle, the Certifier is of the opinion that the vehicle does not comply with all of the requirements of the Vehicle Certification Information, they must issue a notice of non-compliance in the form defined in rule 23 to the person who commissioned the certification inspection.
- (2) The Certifier must give the Regulator a copy of the notice, and any information it requires in relation to the notice.
- (3) The Certifier must not issue a Certifier's certificate for the vehicle until the non-compliance has been rectified and confirmed, to the satisfaction of the Certifier, by a further inspection.
- (4) In issuing a notice of non-compliance, the Certifier must number the certificate in accordance with, and must comply with, any written directions of the Regulator.

21 Manufacturer's certification

- (1) This rule applies if a Certifier issues a Certifier's certificate for a vehicle that was produced in the same production run of a manufacturer as other vehicles.
- (2) The manufacturer, or a person authorised by the manufacturer, may issue a manufacturer's certificate for every other vehicle in that production run that has the same vehicle physical characteristics as the vehicle in respect of which the Certifier's certificate was issued.
- (3) For the purposes of the PBS Scheme, if a manufacturer's certificate is issued for a vehicle, the vehicle is to be treated as if the Certifier's certificate for the reference vehicle referred to in the manufacturer's certificate had been issued in respect of the vehicle for which the manufacturer's certificate was issued, unless sub-rule (6) applies.

- 
- (4) In issuing a certificate, the manufacturer:
 - (a) must number the certificate in accordance with, and must comply with, any written directions of the Regulator; and
 - (b) must ensure that a copy of the Certifier's certificate for the reference vehicle referred to in the certificate is attached to the certificate.
 - (5) If a manufacturer's certificate is issued for a vehicle, the manufacturer must retain a copy of the certificate, and copies of all supporting documents, in a secure location for at least 2 years after the certificate is issued.
 - (6) If a manufacturer issues a manufacturer's certificate for a vehicle that is not identical for the purposes of the PBS Scheme, the Regulator may:
 - (a) revoke any manufacturer's certificate from any vehicle produced by the manufacturer; and
 - (b) require that a Certifier undertake a new inspection for some or all vehicles that have been issued with that certification that are similar to the vehicle in respect of which the invalid certification was issued, with the cost of the inspection to be borne by the manufacturer.
 - (7) If a manufacturer issues a manufacturer's certificate for a vehicle that is not identical for the purposes of the PBS Scheme, and in the opinion of the Regulator, the certificate was issued in circumstances that threaten the loss of public confidence in the PBS Scheme, the Regulator may suspend the right of the manufacturer to issue certificates under this rule for a specified period of up to 3 years.
 - (8) Before imposing such a suspension, the Regulator must give written notice to the manufacturer stating –
 - (a) the day (not less than 14 business days after the date of the notice) on which it intends that the suspension will start; and
 - (b) the grounds on which it proposes to impose the suspension, and any material facts on which those grounds are based; and
 - (c) that the manufacturer may, within 10 business days after the date of the notice, submit in writing any relevant matters to the Regulator.
 - (9) If, after giving due consideration to any matters that are put to it by the manufacturer under subrule (8)(c), the Regulator still considers that grounds for suspension exist, it may impose the suspension with effect from the date specified under subrule (8)(a), or from any later date specified by it.
 - (10) Subrule (2) does not apply to a manufacturer while any suspension imposed under this rule is in force.
 - (11) The Regulator may cancel a suspension imposed under this rule at any time before the suspension period expires if, in its opinion, there has been a change of circumstance that will

ensure that there can be public confidence in the accuracy of certificates issued by the manufacturer.

PART 4 – FORMS FOR VEHICLE CERTIFICATION

22 Forms for vehicle certification

- (1) The forms to be used for the purpose of vehicle certification under the PBS Scheme are those published on the NHVR website and as amended from time to time.
- (2) Common use forms are:
 - (a) Certifier's Certificate
 - (b) Notice of Non-Compliance
 - (c) Manufacturer's Certificate
- (3) The forms to be used by certifiers are the latest version published by the Regulator.
- (4) Subrule (3) does not apply where the regulator has given Certifier/s approval to use an earlier version of a form for procedural reasons.
- (5) The Regulator will develop new forms to address arising administrative requirement, certifiers are to use these forms as instructed by the Regulator.

PART 5 – AMENDMENT OF THESE RULES

23 Amendment of these Rules

These Rules may only be amended by the Regulator, with the approval of responsible ministers.

Performance Based Standards Scheme

Certifier Agreement

(Certifier's Name)

No. - (Certifier's Number)



This **AGREEMENT** is made on -- day of ----- 20--
between
The Chief Executive Officer NHVR
on behalf of the National Heavy Vehicle Regulator (the Regulator)
and
(Name) (the “Certifier”)
employed by (Employers)
of (Employer’s Address)

BACKGROUND

The Regulator may be satisfied that a person is eligible to be appointed as a Certifier under the *Heavy Vehicle (General) National Regulation* and in accordance with the Rules.

Under the Rules it is a requirement that there be an agreement in the form of this Agreement before the Regulator is able to appoint the Certifier as a Certifier.

AGREEMENT

The Regulator and the Certifier therefore agree:

INTERPRETATION

Definitions

1. In this Agreement –

Term	Definition
appointment	The appointment of the applicant as a Certifier.
Certifier	means a PBS certifier as defined by the <i>Heavy Vehicle (General) National Regulation</i> , as amended from time to time.
Business day	has the meaning given by Schedule 1 Section 12 of the <i>Heavy Vehicle National Law Act 2012 (Qld)</i> as amended from time to time.
PBS Scheme	the Performance Based Standards Scheme established under Part 1.4 of the <i>Heavy Vehicle National Law Act 2012 (Qld)</i> as amended from time to time.
Rules	the Vehicle Certification Rules as defined by the <i>Heavy Vehicle (General) National Regulation</i> as amended from time to time.

Other interpretative matters

2. In this Agreement, unless a contrary intention appears –

- a. the singular includes the plural and the plural includes the singular;
- b. a reference to a clause or schedule is a reference to a clause of, or schedule to, this Agreement;
- c. if a word or phrase is defined, its other grammatical forms have a corresponding meaning;
- d. a reference to a standard, agreement or document is a reference to the agreement, standard or document as amended from time to time; and

- e. a reference to a vehicle includes a reference to a combination.

OBLIGATIONS OF THE REGULATOR

List of Certifiers

- 3. The Regulator must include the Certifier on the list of certifiers referred to in rule 6 of the Rules.

OBLIGATIONS OF THE CERTIFIER

Compliance with the Rules

- 4. The Certifier must, in certifying a vehicle for the purposes of the PBS Scheme, do so in accordance with the Rules.

Certifications only to be carried out while appointed

- 5. The Certifier must not carry out any inspection for the purposes of issuing a certificate under the PBS Scheme, or sign a certificate for the purposes of the PBS Scheme, at any time that they do not hold appointment, or at any time that their appointment is suspended.

Certifier's obligations concerning independence and conflict of interest

- 6. A Certifier must not certify a vehicle for the purposes of the PBS Scheme if—
 - a. the Certifier has been involved in the development of the proposal for the vehicle, the design of the vehicle or the manufacture or modification of the vehicle to enable it to be eligible to participate in the PBS Scheme;
 - b. the Certifier's employer has been involved in the manufacture or modification of the vehicle to enable it to be eligible to participate in the PBS Scheme;
 - c. the person who commissioned the certification inspection, or any intended operator of the vehicle, is someone with whom the Certifier has any employment, or commercial arrangement other than that directly related to certifying the vehicle; or
 - d. the Certifier has any other conflict of interest.
- 7. Subject to compliance with clause 6:
 - a. the Certifier may carry out other work related to the development of proposals and the design or modification of vehicles that is not related to making it eligible to participate in the PBS Scheme; or
 - b. the Certifier may carry out certification where another person employed in their organisation does not meet the requirement of clause 6 as they have been the design engineer, the Assessor or they have performed other work that does not involve the

manufacture or modification of the vehicle to enable it to be eligible to participate in the PBS Scheme.

- c. the Certifier may carry out certification where a change of employment extinguishes a previous conflict of interest and a period of 1 years has elapsed from this change.

Certificates

8. If required by the Regulator, the Certifier must forward to the Regulator, in the form required by the Regulator, a copy of any certificate issued by the Certifier.
9. If the Regulator requires the Certifier to use certificate forms (electronic or otherwise) or other items supplied by it in conducting inspections and providing certificates, the Certifier must comply with the requirement.

Maintenance of competency

10. The Certifier must maintain their competency to carry out certifications for the purposes of the PBS Scheme.

Retention of records

11. The Certifier must retain the following records, or ensure that they are retained in a location notified in writing to the Regulator, for 5 years after the creation of the record –
 - a. copy of each Certifier's certificate issued by them;
 - b. the originals, or copies, of all notes, drawings, reports, calculations, specifications, test data and other data made or reviewed by, or on behalf of, them in relation to each inspection conducted by them; and
 - c. any other records necessary to enable the nature of the inspection, the time, date and place on which it was carried out, and the identity of the person who carried it out, to be ascertained.

Audit and inspection

12. The Certifier must allow a person authorised in writing by the Regulator, to conduct an inspection of their activities in relation to the carrying out of inspections, and for that purpose must (on being given 5 business days' notice) allow the person to –
 - a. enter any premises where the Certifier undertakes inspections, and any premises where the Certifier stores any books or records that relate to inspections; and
 - b. inspect and copy books and records that appear to be related to inspections, including reports and records relating to internal audits.
13. The Certifier must give any assistance reasonably required by the person to carry out an audit.
14. The Certifier must provide any information that is requested in writing by the person to assist with an audit or a review of their work.

15. The Certifier must comply with any direction given by the Regulator, or a person authorised in writing by the Regulator, to remedy any non-compliance with this Agreement identified in the course of an audit or an inspection under this Agreement.

Confidentiality

16. The Certifier must ensure the confidentiality of any Vehicle Certification Information supplied by the Regulator and must not pass on its contents in part or in whole to any other person, including any other Certifier or the person who commissioned the certification, without the prior approval of the Regulator.
17. Despite clause 16, the Certifier may divulge part of the contents of the Vehicle Certification Information to others for the purposes of obtaining certification statements from vehicle or component manufacturers, or to obtain supporting information for the Certifier's own use in the certification process, but may only do so to the extent necessary for the others to provide the required information or certification statements.
18. The Certifier must also keep confidential all other information provided to, or obtained by, them in conducting inspections, and must not use or disclose the information except as authorised or required under this Agreement or by the Regulator or by any relevant legislation.
19. Clause 18 does not apply if –
 - a. the information was in the public domain at the time it was disclosed or obtained; or
 - b. the information is used or disclosed with the express consent of the person from whom it was obtained.

Insurance

20. The Certifier, or the employer of the Certifier, must effect and maintain a professional indemnity insurance policy that applies during any period in which the Certifier is appointed, and for 6 years after the Certifier's appointment ends.
21. The Certifier, or the employer of the Certifier, must effect and maintain an appropriate public liability insurance policy during any period in which the Certifier is appointed.
22. The insurance required by clauses 20 and 21 must:
 - a. be with an insurer acceptable to the Regulator;
 - b. be on terms and conditions acceptable to the Regulator.
 - c. cover the parties in respect of any claim arising from or related to the performance of this Agreement;
 - d. be for an amount not less than that stated in the Schedule in this agreement.
23. The Certifier must, if required to do so by the Regulator, provide proof that the insurance required by clauses 20 and 21 has been affected and is being maintained.

Note: If the Certifier is a public servant carrying out certifications as a public servant, clauses 20 and 21 do not apply.



Indemnity

24. The Certifier indemnifies the Regulator and any person assisting, or acting on behalf of, the Regulator against any liability, loss, damage or expense which the Regulator, member or other person may incur or sustain as a result of any action, proceeding, claim or demand that a person may bring or make against the Regulator, or other person, arising out of:
- a. the performance or non-performance by the Certifier of any obligation under this Agreement;
 - b. any negligence or other wrongful act or omission of the Certifier, or any contractor, employee or other person for whose acts or omissions the Certifier is liable;
 - c. any negligence or other wrongful act or omission of the Certifier's visitors, invitees or licensees;
 - d. death, injury, loss or damage to the Certifier or the Certifier's employees, contractors, agents, visitors, invitees or licensees; or
 - e. any breach of this Agreement by the Certifier.

Compliance with laws

25. In performing their obligations under this Agreement, the Certifier must comply with the provisions of all Acts of the Parliament of the Commonwealth and of the participating jurisdictions for the Heavy Vehicle National Law, and with the requirements of all ordinances, regulations, by-laws, local laws, orders and proclamations made or issued under those laws, and with the lawful directions of public authorities.

GENERAL PROVISIONS

Period for which this Agreement is in force

26. This Agreement:
- a. comes into effect on the date on which the Certifier is appointed; and
 - b. ends at 11.59 pm on the 5th anniversary of the day on which the Certifier appointment started.

Dispute resolution

27. If a dispute arises in relation to this Agreement, either party may give the other a notice requiring that an attempt be made to resolve the dispute with the help of a mediator to be appointed jointly by the parties. If the parties do not agree on a mediator within 5 business days after the notice is given, the mediator is to be a mediator nominated by the Chief Executive Officer of the Institution of Engineers, Australia. Each of the parties must co-operate fully with the mediator. Each of the parties must pay an equal share of the mediator's fees and expenses.

Notices

- 28.** A notice, consent, information or request that must or may be given or made to a party under this Agreement is only given or made if it is:
- a. delivered or posted to that party at the address stated in the Schedule in this agreement;
 - b. faxed to that party at the fax number stated in the Schedule in this agreement; or
 - c. e-mailed to that party at the e-mail address stated in the Schedule in this agreement.
- 29.** However, if a party gives another party 3 business days written notice of a change of that, or a subsequent, address or number, a notice, consent, information or request is only given or made by that other party if it is sent to the latest notified address or number.

Time notice etc. is given

- 30.** A notice, consent, information or request is to be treated as given or made at the following time:
- a. if it is delivered, when it is left at the relevant address;
 - b. if it is sent by post, 6 business days after it is posted;
 - c. if it is sent by fax, as soon as the sender receives from the sender's fax machine a report of an error free transmission to the correct fax number.
 - d. If it is sent by email, as soon as its receipt is acknowledged by the party to whom it is sent.
- 31.** If a notice, consent, information or request is delivered, or an error free transmission report in relation to it is received, after the normal business hours of the party to whom it is sent, it is to be treated as having been given or made at the beginning of the next business day.

Waivers

- 32.** The fact that the Regulator fails to do, or delays in doing, something the Regulator is entitled to do under this Agreement, does not amount to a waiver of any obligation of, or breach of obligation by, the Certifier. A waiver by the Regulator is only effective if it is in writing.
- 33.** A written waiver by the Regulator is only effective in relation to the particular obligation or breach in respect of which it is given. It is not to be taken as an implied waiver of any other obligation or breach, or as an implied waiver of that obligation or breach in relation to any other occasion.

No agency etc.

- 34.** This Agreement does not create a partnership, agency, fiduciary or other relationship between the parties, other than the relationship expressly created by the Agreement. The Regulator is not liable for any act or omission of the Certifier.

35. Except to the extent expressly authorised by the Regulator, the Certifier has no authority to incur any obligation on behalf of the Regulator, or to make any representation on behalf of the Regulator.

Severability

36. If a clause or part of a clause can be read in a way that makes it illegal, unenforceable or invalid, but can also be read in a way that makes it legal, enforceable and valid, it must be read in the latter way. If any clause or part of a clause is illegal, unenforceable or invalid, that clause or part is to be treated as removed from this Agreement, but the rest of this Agreement is not affected.

Effect of legislative change

37. If any legislative provision referred to in this Agreement is amended, re-enacted or replaced, the new provision is to be treated as being substituted in this document for the original one. The substitution takes place from the time the new provision takes effect.

Governing law

38. This Agreement is governed by the law of Queensland.



Signatories to the agreement

Signed for and on behalf of the National Heavy Vehicle Regulator by the Chief Executive Officer

Witness

.....
Signature

.....
Signature

.....
Full Name

.....
Full Name

Signed by the Certifier

Witness

.....
Signature of Certifier

.....
Signature of Witness

.....
Full Name

.....
Full Name of Witness

Signed for and on behalf of the Certifier's employer by its duly authorised officer

Witness

.....
Signature of Officer

.....
Signature of witness

.....
Full Name of officer

.....
Full Name of witness

.....
Position of Officer

Name of person or organisation who is responsible for insurance in accordance with clauses 20 and 21.

.....
Full Name of Responsible Party

SCHEDULE TO AGREEMENT

Certifier details	
Certifier No:	
Address for delivery of notices:	
Certifier:	
Employer:	
Email:	
Phone:	Fax:

Chief Engineer NHVR contact details	
Contact: (Chief Engineer)	
Email:	
Phone:	Fax:
Address for delivery of notices:	
Productivity and Safety, National Heavy Vehicle Regulator, Level 3, 76 Skyring Terrace, Newstead Qld 4006 PO Box 492 Fortitude Valley QLD 4006	

Other provisions	
Commencement date:	
TBA	
Insurance requirements: minimum cover per claim	
Professional Indemnity:	Public Liability:
\$5 Million	\$10 Million
The latest copy of the insurance policies must be provided to the NHVR at each insurance renewal to confirm currency of the policies. The Insurer and policies must be acceptable to the NHVR. Email copies of the policies to pbs@nhvr.gov.au.	

Appendix B: VEHICLE CERTIFICATION INSPECTION CHECKLIST

Motor Vehicles

Category or Component	Parameter	Inspection	Notes	Performance Based Standard ¹
Mass	Gross Vehicle Mass and/or Gross Combination Mass	Check that the manufacturer's Gross Vehicle Mass and Gross Combination Mass are no less than that required in the design approval.	Vehicle must have mass ratings at least equal to the design approval	C1, C2, C3, C5
Engine and Driveline	Engine torque-speed characteristics	<p>Check that the engine installed :</p> <ul style="list-style-type: none"> • is the make, model and power/torque rating specified in the design approval; or • has the torque-speed curves specified in the design approval. <p>Detailed engine specifications supplied by the truck manufacturer/dealer may be used to confirm this if the engine is a standard unit and does not have optional ratings.</p> <p>If optional engines or optional ratings are available, written confirmation that the engine installed meets the design approval requirements should be obtained from the truck manufacturer/dealer.</p>	<p>External identifiers may not reflect actual engine, particularly if equipped with electronic management system.</p> <p>Torque at any specified speed must be not less than that specified</p>	C1, C2, C3
	Clutch engagement torque (manual transmission)	<p>Check that the characteristics of the installed unit match the characteristics required by the design approval.</p> <p>This will require written confirmation from the truck manufacturer/dealer.</p>	<p>External identifiers may not reflect clutch internals.</p>	C1
	Torque converter characteristics (automatic)	<p>Check that the characteristics of the installed unit match the characteristics required by the design approval.</p> <p>This will require written confirmation from the truck manufacturer/dealer.</p>	<p>External identifiers may not reflect torque converter internals.</p>	C1

¹ As specified in the *Rules for Inspection of Potential Performance Based Standards Vehicles*

transmission)				
Category or Component	Parameter	Inspection	Notes	Performance Based Standard ¹
Engine and Driveline [continued]	Gearbox and final drive ratios	<p>Check that ratios of actual installed components in the gear box and differential, particularly the lowest gear and the gear at which maximum speed is achieved, match those specified in the design approval.</p> <p>Detailed transmission and differential specifications supplied by the truck manufacturer/dealer may be used to confirm this if the transmission and differential are standard units and do not have optional ratios.</p> <p>If optional ratios are available, written confirmation that the transmission and differential installed meet the design approval requirements should be obtained from the truck manufacturer/dealer.</p>	External identifiers may not reflect gearbox or final drive internals.	C1, C2, C3
	Automatic transmission shift time delays	<p>If an automatic transmission is installed, check that the gear shift time delays are no greater than those specified in the design approval.</p> <p>Detailed transmission specifications supplied by the truck manufacturer/dealer if available may be used to confirm this. Otherwise, written confirmation that the transmission shift time delays meet the design approval requirements should be obtained from the truck manufacturer/dealer.</p>		C3
Tyres	Tyre rolling radius (drive axle group)	<p>Check that size and construction of the actual installed tyres match those specified in the design approval.</p> <p>If the design approval specifies the tyres by cross-section, profile, construction and rim size the check should confirm that the tyres fitted are as required.</p> <p>If the design approval only specifies a rolling radius then this may be checked by either:</p> <ul style="list-style-type: none"> • using specifications provided by the tyre manufacturer for the particular tyres fitted; or • direct measurement. 	Radius should be for new tyre at the recommended inflation pressure, which has the largest loaded radius.	C1, C2
	Tyre cornering characteristics and vertical	Check that, if specified, the make, model, size, tread pattern and condition of the actual tyres fitted to each particular axle match those specified in the design approval.	Note that inflation pressure is an	C5, C11, C12, C13, C14

Category or Component	Parameter	Inspection	Notes	Performance Based Standard ¹
		stiffness		operational issue.
Body/ construction	Centre-of-gravity height and load offset (if applicable)	<p>Check that the centre-of-gravity height, and if specified, the load offset match those specified in the design approval.</p> <p>If the vehicle manufacturer supplies the “as built” tare centre-of-gravity height, the payload or superimposed load centre-of-gravity is to be calculated or measured and the overall centre-of-gravity height determined.</p> <p>Alternatively, if testing is required by the Vehicle Inspection Information, written confirmation that the vehicle or vehicle combination meets the design approval requirements should be obtained from a competent testing organisation that has carried out the testing of individual units or the entire vehicle.</p>	For some loads payload centre-of-gravity heights may be difficult to determine.	C5, C11, C12, C13, C14
	Wheelbase	Check by physical measurement that the wheelbase is as specified in the design approval.		C5, C7, C8, C9, C10, C12
	King pin lead or coupling rear overhang	Check by physical measurement that the king pin lead or coupling rear overhang [whichever is applicable] is as specified in the design approval.		C5, C7, C10, C12, C13
	Front overhang, width plan-profile and plan-profile of front outside corners and protuberances	Check by physical measurement that the front overhang, width and plan profiles particularly of front outside corners and protuberances are as specified in the design approval.		C5, C7, C8
	Rear overhang	Check by physical measurement that the rear overhang of a rigid motor vehicle is as specified in the design approval.		C9
	Plan-profile of rear outside corners and protuberances	Check by physical measurement that, if specified, the plan profile of rear outside corners and protuberances are as specified in the design approval.	Only applies to a vehicle that has a critical overhang dimension	C9

Category or Component	Parameter	Inspection	Notes	Performance Based Standard ¹
Suspension	Suspension characteristics	<p>Check that the suspension parameters (spring deflection-load characteristics, damper force-velocity characteristics, auxiliary roll stiffness, roll-steer characteristics and free play) match those specified in the design approval.</p> <p>If the suspension make, model, ride height and any other specific features that need to be identified are specified, these should be confirmed by inspection/measurement.</p> <p>If only a generic type of suspension is specified in the design approval, the use of that type of suspension should be confirmed by visual inspection.</p>		C5, C11
Wheels and axles	Drive group axle spread	Check by physical measurement that the distance between the centres of the axles in the drive axle group is as specified in the design approval.		C10
	Track width, and dual tyre spacing (if applicable)	<p>Check by physical measurement that the track width at each axle is as specified in the design approval.</p> <p>Check by physical measurement that the spacing between the centres of any dual tyres is as specified in the design approval.</p>		C11
	Axle spacing and axle steering	<p>Check by physical measurement that the spacing between extreme axles in each axle group is as specified in the design approval.</p> <p>Check for the presence of any steerable axles within each axle group if specified in the design approval.</p> <p>If the make, model and any other specific features that are needed to identify the steerable axle system are specified, these should be confirmed by inspection.</p> <p>If only a generic type of steerable axle system is specified in the design approval, the use of that type of system should be confirmed by visual inspection.</p>	<p>At least 1 axle of any 2 axles joined by a load sharing suspension system and greater than 2m apart must be steerable.</p> <p>For all other groups of axles joined by a load sharing suspension system with a spread of greater than 3.05m all axles beyond the 3.05m spread must be</p>	C7, A1.2

steerable.

Category or Component	Parameter	Inspection	Notes	Performance Based Standard ¹
Wheels and axles [continued]	Drive axle group tractive effort distribution	Check for the presence of any differential locks or traction control systems if their presence is specified in the design approval.		A1.2
Couplings	Couplings (conventional, double oscillating turntables, ball, other)	Check that the make, model and type of the installed couplings including any fifth wheel and/or turntable and how it is mounted and any other special features match those specified in the design approval.		C11
Other	Any additional or special requirements	Check that the vehicle meets any additional or special requirements specified in the design approval that are not addressed above.		Various

Trailer/Semi-trailer

Category or Component	Parameter	Inspection	Notes	Performance Based Standard
Mass	Aggregate Trailer Mass (ATM)	Check that the manufacturer's Aggregate Tanker Mass is no less than that required in the design approval.	Vehicle must have mass ratings at least equal to the Design approval	C1, C2, C3, C5
Tyres	Tyre cornering characteristics and vertical stiffness	Check that, if specified, the make, model, size, tread pattern and condition of the actual tyres fitted to each particular axle match those specified in the design approval.	Note that inflation pressure is an operational issue.	C5, C11, C12, C13, C14
Body/ construction	Centre-of-gravity height and load offset (if applicable)	<p>Check that the centre-of-gravity height, and where specified, the load offset match those specified in the design approval.</p> <p>If the vehicle manufacturer supplies the "as built" tare centre-of-gravity height, the payload and/or superimposed load centre-of-gravity is to be calculated or measured and the overall centre-of-gravity height determined.</p> <p>Alternatively, if testing is required by the Vehicle Certification Information, written confirmation that the vehicle or vehicle combination meets the design approval requirements should be obtained from a competent testing organisation that has carried out the testing of individual units or the entire vehicle.</p>	For some loads payload centre-of-gravity heights may be difficult to determine.	C5, C11, C12, C13, C14
	Wheelbase	Check by physical measurement that the wheelbase and/or the 'S' dimension in the case of a semi-trailer is as specified in the design approval.		C5, C7, C8, C9, C12, C13
	King pin/pivot pin lead or coupling rear overhang	Check by physical measurement that the king pin/pivot pin lead or coupling rear overhang [whichever is applicable] is as specified in the design approval.		C5, C7, C13, C14
	Width plan-profile	Check by physical measurement that the width plan profile is as specified in the design approval.		C5

Category or Component	Parameter	Inspection	Notes	Performance Based Standard
Body/ construction [continued]	Forward projection and plan-profile of front outside corners and protuberances	Check by physical measurement that the forward projection and the plan profile of front outside corners and protuberances are as specified in the design approval.	Only applicable to a lead semi-trailer	C8
	Rear overhang	Check by physical measurement that the rear overhang is as specified in the design approval.		C9
	Plan-profile of rear outside corners and protuberances	Check by physical measurement that, if specified, the plan profile of rear outside corners and protuberances are as specified in the design approval.	Only applies to a vehicle that has a critical overhang dimension	C9
Suspension	Suspension characteristics	<p>Check that the suspension parameters (spring deflection-load characteristics, damper force-velocity characteristics, auxiliary roll stiffness, roll-steer characteristics and free play) match those specified in the design approval.</p> <p>If the suspension make, model, ride height and any other specific features that need to be identified are specified, these should be confirmed by inspection/measurement.</p> <p>If only a generic type of suspension is specified in the design approval, the use of that type of suspension should be confirmed by visual inspection.</p>		C5, C11
Wheels and axles	Track width, and dual tyre spacing (if applicable)	<p>Check by physical measurement that the track width at each axle is as specified in the design approval.</p> <p>Check by physical measurement that the spacing between the centres of any dual tyres is as specified in the design approval.</p>		C11

Category or Component	Parameter	Inspection	Notes	Performance Based Standard
Wheels and axles [continued]	Axle spacing and axle steering	<p>Check by physical measurement that the spacing between extreme axles in each axle group is as specified in the design approval.</p> <p>Check for the presence of any steerable axles within each axle group, if specified in the design approval.</p> <p>If the make, model and any other specific features that are needed to identify the steerable axle system are specified, these should be confirmed by inspection.</p> <p>If only a generic type of steerable axle system is specified in the design approval, the use of that type of system should be confirmed by visual inspection.</p>	<p>At least 1 axle of any 2 axles joined by a load sharing suspension system and greater than 2m apart must be steerable.</p> <p>For all other groups of axles joined by a load sharing suspension system with a spread of greater than 3.05m all axles beyond the 3.05m spread must be steerable.</p>	C7, A1.2
Couplings	Couplings (conventional, double oscillating turntables, ball, other)	Check that the make, model and type of the installed couplings including any fifth wheel and/or turntable and how it is mounted and any other special features match those specified in the design approval.		C11
Other	Any additional or special requirements	Check that the vehicle meets any additional or special requirements specified in the design approval that are not addressed above.		Various

Dolly

Category or Component	Parameter	Inspection	Notes	Performance Based Standard
Mass	Aggregate Trailer Mass (ATM)	Check that the manufacturer's ATM is no less than that required in the design approval.	Vehicle must have mass ratings at least equal to the Design approval	C1, C2, C3, C5
Tyres	Tyre cornering characteristics and vertical stiffness	Check that, if specified, the make, model, size, tread pattern and condition of the actual tyres fitted to each particular axle match those specified in the design approval.	Note that inflation pressure is an operational issue.	C5, C11, C12, C13, C14
Body/ construction	Centre-of-gravity height and load offset (if applicable)	<p>Check that the centre-of-gravity height, and if specified, the load offset match those specified in the Design approval.</p> <p>If the vehicle manufacturer supplies the "as built" tare centre-of-gravity height, the payload and/or superimposed load centre-of-gravity is to be calculated or measured and the overall centre-of-gravity height determined.</p> <p>Alternatively, if testing is required by the Vehicle Certification Information, written confirmation that the vehicle or vehicle combination meets the design approval requirements should be obtained from a competent testing organisation that has carried out the testing of individual units or the entire vehicle.</p>	For some loads payload centre-of-gravity heights may be difficult to determine.	C5, C11, C12, C13, C14
	King pin/pivot pin lead	Check by physical measurement that the king pin/pivot pin lead is as specified in the design approval.		C5, C7, C12, C13
	Wheelbase	Check by physical measurement that the wheelbase is as specified in the design approval.		C5, C7, C9, C12, C13
	Drawbar length	Check by physical measurement that the drawbar length is as specified in the design approval.		C5, C7, C13, C14
	Width plan-profile	Check by physical measurement that the width plan profile is as specified in the design approval.		C5

Category or Component	Parameter	Inspection	Notes	Performance Based Standard
Suspension	Suspension characteristics	<p>Check that the suspension parameters (spring deflection-load characteristics, damper force-velocity characteristics, auxiliary roll stiffness, roll-steer characteristics and freeplay) match those specified in the design approval.</p> <p>If the suspension make, model, ride height and any other specific features that need to be identified are specified, these should be confirmed by inspection/measurement.</p> <p>If only a generic type of suspension is specified in the design approval, the use of that type of suspension should be confirmed by visual inspection.</p>		C5, C11
Wheels and axles	Track width, and dual tyre spacing (if applicable)	<p>Check by physical measurement that the track width at each axle is as specified in the design approval.</p> <p>Check by physical measurement that the spacing between the centres of any dual tyres is as specified in the design approval.</p>		C11
	Axle spacing and axle steering	<p>Check by physical measurement that the spacing between extreme axles in each axle group is as specified in the design approval.</p> <p>Check for the presence of any steerable axles within each axle group if specified in the design approval.</p> <p>If the make, model and any other specific features that are needed to identify the steerable axle system are specified, these should be confirmed by inspection.</p> <p>If only a generic type of steerable axle system is specified in the design approval, the use of that type of system should be confirmed by visual inspection.</p>	<p>At least one axle of any two axles joined by a load sharing suspension system and greater than 2m apart must be steerable.</p> <p>For all other groups of axles joined by a load sharing suspension system with a spread of greater than 3.05m all axles beyond the 3.05m spread must be steerable.</p>	C11

Category or Component	Parameter	Inspection	Notes	Performance Based Standard
Couplings	Couplings (conventional, double oscillating turntables, ball, other)	Check that the make, model and type of the installed couplings including any fifth wheel and/or turntable and how it is mounted and any other special features match those specified in the design approval.		C11
Other	Any additional or special requirements	Check that the vehicle meets any additional or special requirements specified in the design approval that are not addressed above.		Various



nhvr.gov.au

E info@nhvr.gov.au

P 1300 MYNHVR