

# Graduate Mechanical Engineer (Performance Based Standards)

## Position Description

### Who is the National Heavy Vehicle Regulator?

The National Heavy Vehicle Regulator (NHVR) commenced operations in 2013 as an independent body responsible for regulating all vehicles in Australia over 4.5 tonnes gross vehicle mass. Located in Brisbane, the NHVR minimises the compliance burden on the heavy vehicle transport industry, reduces duplication and inconsistencies across state and territory borders, and ultimately for the heavy vehicle business with government in Australia.

### What is important to us?

At the NHVR our workplace values set the tone for our organisational culture:

- › People matter
- › Customer first
- › We add value, and
- › Strong partnerships.

We value staff with a genuine belief in the work they do and the benefit it will bring. We aim to develop a supportive work environment which we believe will be achieved by a focus on professionalism, team work and collective values.

### What do we expect of our workers?

The NHVR is seeking an individual who:

- › Is committed to meet and exceed the expectations of our clients and stakeholders
- › Is energised by identifying new approaches and solutions
- › Is innovative in addressing day-to-day challenges
- › Supportive towards colleagues and contributes towards making their workplace an enjoyable place to be

### Commitment to safety, diversity and anti-discrimination

The NHVR is committed to providing a safe, forward-thinking and tolerant work environment. Diversity within our workforce is valued as being representative of the standards, values and diversity within the community and clients we serve.

*"As a national regulator, we're for every heavy vehicle, operator and driver and safety doesn't stop at borders."* - Sal Petrocchio, CEO (NHVR)

# Graduate Mechanical Engineer (Performance Based Standards)

Title	Graduate Mechanical Engineer (Performance Based Standards)
Reports To	Chief Engineer
Direct Report/s	Nil
Division	Productivity and Safety
Job Type	Permanent, Enterprise Agreement
Annual Salary Range	\$61,140 - \$78,254 plus superannuation (AC-A)
Location	Newstead, QLD
Closing Date	Friday 10 <sup>th</sup> February 2017

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## Environment

The Performance Based Standards (PBS) team administers the PBS scheme, a world-leading alternate compliance approach to heavy vehicle design and construction that encourages high productivity vehicles to be designed and built based on performance rather than on compliance with prescriptive standards.

The team evaluates and processes PBS design and vehicle applications and provides technical expertise to maintain and improve the scheme. Your proactive contribution to assessing and approving innovative vehicle designs will deliver improved productivity and safety for vehicle operators and more broadly for the Australian transport industry.

## Primary Objectives

- › Review, assess and determine PBS applications, applying the assessment rules and policy frameworks.
- › Provide technical advice on the PBS scheme in accordance with the HVNL and national standards.
- › Provide engineering input into the development, implementation and evaluation of national standards, policies and strategic initiatives relating to the PBS scheme and standards.
- › Assist in the resolution of heavy vehicle engineering issues.
- › Assist in the development, implementation, evaluation and continued improvement of policies and policy frameworks for the PBS scheme, including contributing to safety outcomes.

- › Provide advice, as required, to the Chief Engineer, Manager (Vehicle Safety and Performance) and Senior Management.
- › Build and maintain professional networks and effective relationships with internal and external stakeholders and represent the NHVR as required on technical committees and working groups.

## Key Responsibilities/Accountabilities

- › Review, assess and determine PBS applications, applying the assessment rules and policy frameworks.
- › Provide technical advice on the PBS scheme in accordance with the HVNL and national standards.
- › Contribute to technical aspects of vehicle regulation and PBS by providing engineering and policy advice.
- › Contribute to the development and implementation of improved PBS standards which will lead to continuous improvement of vehicle regulations and standards for heavy vehicles.
- › Ensure NHVR stakeholders receive accurate PBS advice which leads to cooperative compliance and enforcement in regards to vehicle regulations.
- › Identify opportunities to achieve productivity and safety improvements in relation to the PBS scheme.
- › Liaise, negotiate and effectively communicate with customers.
- › Write and/or review reports, briefing notes, submissions and prepare and deliver presentations in accordance with NHVR standards.
- › Contribute to enhancing the impact of PBS vehicles on road safety, by reviewing design, construction, and infrastructure impact standards and providing technical input to publications to inform NHVR stakeholders.
- › Contribute to reviews and projects designed to improve performance and operational integrity of the NHVRs' PBS scheme.
- › Assist the development and continuous improvement of the operation of the PBS scheme and its policies and procedures.
- › Contribute to team plans and goals and display high levels of energy, tenacity and motivation to deliver high quality core services.

## Skills and Capabilities

- › Knowledge of or demonstrated ability to rapidly acquire sound knowledge of PBS assessment rules, vehicle standards, inspection techniques and relevant legislation.
- › Ability to resolve technical issues.
- › Ability to negotiate and influence stakeholders with a view of achieving desired outcomes

- › Sound problem solving and analytical skills.
- › Demonstrated ability to work cooperatively with people and teams, fostering a positive and high performance workplace.
- › Highly developed written communication skills.

## Qualifications and Experience

### Essential to the Role

- › A four year engineering degree in mechanical engineering from an Australian higher education institution or a recognised equivalent.
- › Knowledge of the *Heavy Vehicle National Law* and Performance Based Standards scheme.
- › A minimum of 12 months experience in heavy vehicle design assessment, including computer simulation.

### Highly Desirable:

- › Heavy vehicle and/or road transport industry knowledge and experience.

Additionally, the successful candidate will be required to undergo criminal history and background checks. All NHVR employees are required to comply with legislative and regulatory requirements and organisational policies and management standards.

## Application Process

To apply for this role, please submit your application to [recruitment@nhvr.gov.au](mailto:recruitment@nhvr.gov.au) providing:

1. A current copy of your Curriculum Vitae or Resume, including:
  - Your contact details;
  - A comprehensive employment history including functions or roles performed;
  - Major achievements / awards; and
  - At least two recent employment referees (current and previous Supervisors / Managers).
2. A covering letter outlining your knowledge, skills and abilities relevant to the key responsibilities/accountabilities of the role. As a guide, this document should be no longer than two pages in length.

If you have any questions relating to the role, please contact Peter Austin, Manager Vehicle Safety and Performance, on (07) 3309-8561 or email [peter.austin@nhvr.gov.au](mailto:peter.austin@nhvr.gov.au)

A copy of the position description can be found on the NHVR website at <https://www.nhvr.gov.au/about-us/career-opportunities/current-vacancies>