

# What is LAMS?

From 14 January 2013, the Learner Approved Motorcycle Scheme (LAMS) replaced the 250 cc restriction on R-E class motorcycle licence holders with the following criteria:

- a power-to-weight ratio not exceeding 150 kilowatts per tonne (kW/t); and
- maximum engine capacity not exceeding 660cc.

The power-to-weight ratio is a measure of a vehicle's performance. It is a better indicator of motorcycle performance than engine capacity alone. The power output (kilowatts) is determined by dividing the tare weight of the motorcycle + 90 kg (for rider and fuel). The result is then multiplied by 1000 (to convert to kW per tonne).

## **Note:**

- The manufacturer determines the engine power and tare weight of the motor cycle.
- 90kg is the laden weight used in Australian Design Rule (ADR) 33 'Brake Systems for Motor cycles and Mopeds'.
- There is no need for motorcyclists to calculate the power-to-weight ratio as a LAMS approved motorcycles list is available below.

## R-E class licence holders

Under the Learner Approved Motorcycle Scheme (LAMS), it is the responsibility of R-E class licence holders to ensure that they are only riding on LAMS approved motorcycles.

## R-E class learner's permit holders

R-E class learner's permit holders may only take their Practical Driving Assessment (PDA) using motorcycles approved under the Learner Approved Motorcycle Scheme (LAMS).

You will not be permitted to take the Practical Driving Assessment (PDA) if your motorcycle is not LAMS approved and no refunds will be given.

## R class Practical Driving Assessments

Implementation of the Learner Approved Motorcycle Scheme (LAMS) means that unrestricted R class Practical Driving Assessments (PDAs) may only be undertaken on motorcycles with power-to-weight ratio exceeding 150 kW/t or an engine capacity exceeding 660 cc.

Motorcycles between 250 cc and 660 cc, which were previously used for R class Practical Driving Assessments (PDAs), are no longer suitable to assess riding competency for unrestricted R class motorcycles.

If you wish to take a practical assessment for an unrestricted R class licence, you will need to use a motorcycle that exceeds the LAMS specifications. The scheme does not affect existing moped or R class licence holders.

Information source - Department of Transport WA:

<https://www.transport.wa.gov.au/licensing/licence-to-ride-a-lams-approved-motorcycle.asp>