
First published in the *Government Gazette*, Electronic Edition, on 29 February 2024 at 7.30 pm.

No. S 159

ROAD TRAFFIC ACT 1961

ROAD TRAFFIC (POWER-ASSISTED BICYCLES — APPROVAL) (AMENDMENT) RULES 2024

In exercise of the powers conferred by sections 6 and 90 of the Road Traffic Act 1961, the Land Transport Authority of Singapore makes the following Rules:

Citation and commencement

1. These Rules are the Road Traffic (Power-Assisted Bicycles — Approval) (Amendment) Rules 2024 and come into operation on 1 March 2024.

Amendment of rule 3

2. In the Road Traffic (Power-Assisted Bicycles — Approval) Rules 2004 (G.N. No. S 768/2004) (called in these Rules the principal Rules), in rule 3(2) —

- (a) in sub-paragraph (c), delete “and” at the end; and
- (b) replace sub-paragraph (d) with —

“(d) in the case of a power-assisted bicycle that has been approved and sealed by an authorised examiner between 1 July 2021 and 29 February 2024 (both dates inclusive) under these Rules, the requirements specified in Part 3 of the Schedule; and

- (e) in any other case, the requirements specified in Part 4 of the Schedule.”.

Amendment of rule 4

3. In the principal Rules, in rule 4(3)(b) —
- (a) in sub-paragraph (iii), delete the word “and” at the end; and
 - (b) replace sub-paragraph (iv) with —
 - “(iv) if examined between 1 July 2021 and 29 February 2024 (both dates inclusive), complies with the requirements specified in Part 3 of the Schedule; and
 - (v) in any other case, complies with the requirements specified in Part 4 of the Schedule.”.

Amendment of Schedule

4. In the principal Rules, in the Schedule, after Part 3, insert —

“PART 4

1. Subject to paragraphs 2 to 9 of this Part, the power-assisted bicycle must comply with the requirements set out in Revised EN 15194.
2. The maximum continuous rated power of the power-assisted bicycle’s electric motor must not exceed 250 watts.
3. The electric motor of the power-assisted bicycle must —
 - (a) progressively reduce power assistance as the speed of the power-assisted bicycle approaches the lower of the following:
 - (i) 25 km/h;
 - (ii) the speed at which the power-assisted bicycle’s electric motor is designed to stop providing power assistance;
 - (b) stop providing power assistance when the speed of the power-assisted bicycle reaches or exceeds the lower of the following:
 - (i) 25 km/h;
 - (ii) the speed at which the power-assisted bicycle’s electric motor is designed to stop providing power assistance; and
 - (c) reduce and stop providing power assistance when the rider of the power-assisted bicycle stops pedalling.

4. The power-assisted bicycle must not be equipped with any throttle or start-up assistance feature.

5. The unladen weight of the power-assisted bicycle must not exceed 20 kilograms.

6. The length of the power-assisted bicycle, including the body of the power-assisted bicycle and all equipment and accessories (if any) attached to the power-assisted bicycle, must not exceed 2,600 millimetres.

7. The width of the power-assisted bicycle, including the body of the power-assisted bicycle and all equipment and accessories (if any) attached to the power-assisted bicycle, must not exceed 1,300 millimetres.

8. The power-assisted bicycle must not be designed to be ridden in a reclined or partially-reclined position.

9. The pedals of the power-assisted bicycle must not be designed to be operated by the rider's hands, or both the rider's hands and feet."

*[G.N. Nos. S 734/2015; S 450/2017; S 467/2020;
S 445/2021]*

Made on 29 February 2024.

CHAN HENG LOON ALAN
*Chairperson,
Land Transport Authority of
Singapore.*

[LTA/L18.029.002/DH/EN15194.24.01;
AG/LEGIS/SL/276/2020/22 Vol. 1]

(To be presented to Parliament under section 141(1) of the Road Traffic Act 1961).