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No. S 171

ROAD TRAFFIC ACT 1961

ROAD TRAFFIC (DEALING IN POWER-ASSISTED BICYCLES) (AMENDMENT) RULES 2024

In exercise of the powers conferred by section 34(1) of the Road Traffic Act 1961, the Minister for Transport makes the following Rules:

Citation and commencement

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

Amendment of rule 1

2. In the Road Traffic (Dealing in Power-Assisted Bicycles) Rules 2018 (G.N. No. S 244/2018) (called in these Rules the principal Rules), in rule 1, after “Power-Assisted Bicycles”, insert “and Other Vehicles”.

Amendment of rule 2

3. In the principal Rules, in rule 2 —

- (a) in the definition of “advertisement”, after “non-compliant power-assisted bicycle” wherever it appears, insert “or non-compliant bicycle, three-wheeled pedal cycle or recumbent device”;
- (b) in the definition of “advertisement”, replace “range of non-compliant power-assisted bicycles” with “range of such non-compliant vehicles”;
- (c) after the definition of “advertisement”, insert —

““non-compliant bicycle, three-wheeled pedal cycle or recumbent device” means a bicycle, three-wheeled pedal cycle or recumbent device the construction or equipment of which does not comply with the requirements as to construction or equipment as specified in rule 3 of the Road Traffic (Bicycles, Three-wheeled Pedal Cycles, Trishaws and Recumbent Devices — Construction and Use) Rules 2024 (G.N. No. S 157/2024);”;

- (d) in the definition of “non-compliant power-assisted bicycle”, replace the full-stop at the end with a semi-colon; and
- (e) after the definition of “non-compliant power-assisted bicycle”, insert —

““recumbent device” and “three-wheeled pedal cycle” have the meanings given by rule 2 of the Road Traffic (Bicycles, Three-wheeled Pedal Cycles, Trishaws and Recumbent Devices — Construction and Use) Rules 2024.”.

Amendment of rule 3

4. In the principal Rules, in rule 3 —

- (a) in the rule heading, after “**non-compliant power-assisted bicycle**”, insert “**or non-compliant bicycle, three-wheeled pedal cycle or recumbent device**”;
- (b) in paragraphs (1), (2) and (3), after “non-compliant power-assisted bicycle” wherever it appears, insert “or non-compliant bicycle, three-wheeled pedal cycle or recumbent device”;
- (c) in paragraph (1)(a), after “any power-assisted bicycle”, insert “, bicycle, three-wheeled pedal cycle or recumbent device”; and

- (d) in paragraph (1)(b), after “the power-assisted bicycle”, insert “, bicycle, three-wheeled pedal cycle or recumbent device”.

Amendment of rule 4

5. In the principal Rules, in rule 4(1), replace “about power-assisted bicycles” with “that meets the requirements set out in paragraph (2)”.

Amendment of rule 5

6. In the principal Rules, in rule 5 —

- (a) in the rule heading, after “**non-compliant power-assisted bicycle**”, insert “**or non-compliant bicycle, three-wheeled pedal cycle or recumbent device**”; and
- (b) after “non-compliant power-assisted bicycles”, insert “or non-compliant bicycles, three-wheeled pedal cycles or recumbent devices”.

Amendment of Schedule

7. In the principal Rules, in the Schedule, replace the warning notice with —

“

Land Transport Authority

WARNING NOTICE

Device Requirements for Bicycles, Three-wheeled Pedal Cycles, Recumbents, Personal Mobility Devices (PMDs) and Power Assisted Bicycles (PABs)

For Use On Paths

Maximum Unladen Weight

20kg

Maximum Device Width

70cm

Maximum Device Speed
(Only for motorised PMDs and PABs)

25km/h

Certified to a Device Safety Standard
(Only for motorised PMDs)

UL2272

For Use On Roads

Maximum Dimensions
(For bicycles, three-wheeled pedal cycles, recumbents and PABs)

130cm width
260cm length

For more information, please scan QR code

Technical Specifications for PABs Used on Public Paths and on Roads

25 km/h

The motor power of the PAB must be progressively reduced and finally cut off as the bicycle reaches 25km/h, or sooner, if the cyclist stops pedalling

Must be affixed with LTA seal of approval

Maximum power output rating of PAB's motor must not exceed 250W

Must have EN 15194 marking that shows the PAB complies with the European Standard

Maximum weight of PAB must not exceed 20kg

20kg

PAB must not have start-up assistance feature or throttle

Construction of PAB must be similar to that of a conventional bicycle

Cyclist must pedal to start the motor

Penalty for riding non-compliant active mobility device on public path

FINE up to \$10,000, or JAIL up to 6 months, or BOTH

Where Devices are Allowed to be Used¹

Pedestrian-only Paths

Footpaths

Cycling Paths²

Roads

Legend:

Bicycles, Three-wheeled Pedal Cycles, Recumbents

Non-motorised PMDs

Motorised PMDs (e.g. electric scooters, electric unicycles)

LTA-Approved and Registered PABs

Penalty for riding:

Bicycle, three-wheeled pedal cycle, recumbent, PMD or PAB on pedestrian-only path

Motorised PMD or PAB on footpath

PMD on road

FINE up to \$2,000, or JAIL up to 3 months, or BOTH

Repeat offenders may face higher court fines and/or jail terms

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[G.N. Nos. S 871/2019; S 246/2020]

Made on 29 February 2024.

LOH NGAI SENG
*Permanent Secretary,
Ministry of Transport,
Singapore.*

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