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ACTIVE MOBILITY ACT 2017
(ACT 3 OF 2017)

ACTIVE MOBILITY
(AMENDMENT) REGULATIONS 2018

In exercise of the powers conferred by section 67(1) of the Active Mobility Act 2017, the Land Transport Authority of Singapore, with the approval of the Minister for Transport, makes the following Regulations:

Citation and commencement

1. These Regulations are the Active Mobility (Amendment) Regulations 2018 and come into operation on 2 January 2019.

New regulations 3A and 3B

2. The Active Mobility Regulations 2018 (G.N. No. S 251/2018) are amended by inserting, immediately after regulation 3, the following regulations:

“Non-compliant bicycle

3A.—(1) For the purposes of the definition of “non-compliant bicycle” in section 2(1) of the Act, a bicycle is a non-compliant bicycle if it does not comply with any of the following requirements which are prescribed for all bicycles generally:

- (a) the unladen weight of the bicycle does not exceed 20 kilograms;
- (b) the width of the bicycle does not exceed 700 millimetres.

(2) In this regulation —

“unladen weight”, for a bicycle, means the weight of the bicycle, including the body and all equipment and accessories (if any) attached to the bicycle, but

excluding any person or carry-on baggage on the bicycle;

“width”, for a bicycle, means the width of the bicycle, including the body and all equipment and accessories (if any) attached to the bicycle, but excluding any person or carry-on baggage on the bicycle.

Non-compliant PAB

3B.—(1) For the purposes of the definition of “non-compliant power-assisted bicycle” in section 2(1) of the Act, a 2015 power-assisted bicycle is a non-compliant power-assisted bicycle if it does not comply with any of the following requirements which are prescribed for all 2015 power-assisted bicycles generally:

- (a) the unladen weight of the PAB does not exceed 20 kilograms;
- (b) the width of the PAB does not exceed 700 millimetres;
- (c) the aggregate maximum power output rating of the electric motor of the PAB does not exceed 200 watts;
- (d) the maximum speed of the PAB does not exceed 25 km/h when solely propelled by its electric motor;
- (e) the electric motor of the PAB is designed so as —
 - (i) to stop providing further power assistance when the PAB attains a speed of 25 km/h or more; and
 - (ii) to reduce and stop providing power assistance when the rider of the PAB stops pedalling;
- (f) the PAB is affixed with a registration number plate that conforms to the requirements in rule 11(2) of the Road Traffic (Registration of Power-Assisted Bicycles) Rules 2017 (G.N. No. S 451/2017).

(2) For the purposes of the definition of “non-compliant power-assisted bicycle” in section 2(1) of the Act, a 2016 power-assisted bicycle is a non-compliant power-assisted

bicycle if it does not comply with any of the following requirements which are prescribed for all 2016 power-assisted bicycles generally:

- (a) the unladen weight of the PAB does not exceed 20 kilograms;
- (b) the width of the PAB does not exceed 700 millimetres;
- (c) insofar as the power of the electric motor of the PAB is concerned —
 - (i) the aggregate maximum power output rating of the electric motor does not exceed 200 watts; or
 - (ii) where the aggregate maximum power output rating of the electric motor exceeds 200 watts, the maximum continuous rated power of the electric motor does not exceed 250 watts;
- (d) the maximum speed of the PAB does not exceed 25 km/h when solely propelled by its electric motor if the aggregate maximum power output rating of its electric motor does not exceed 200 watts;
- (e) the electric motor of the PAB is designed so as —
 - (i) to stop providing further power assistance when the PAB attains a speed of 25 km/h or more; and
 - (ii) to reduce and stop providing power assistance when the rider of the PAB stops pedalling;
- (f) the PAB conforms to the standard EN 15194 if its electric motor satisfies sub-paragraph (c)(ii);
- (g) for a PAB which conforms to the standard EN 15194, the electric motor of the PAB is also designed so as to progressively reduce power assistance as the speed of the PAB approaches —
 - (i) the speed of 25 km/h; or

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- (ii) the speed at which its electric motor stops providing power assistance,
whichever is lower;
 - (h) the PAB is affixed with a registration number plate that conforms to the requirements in rule 11(2) of the Road Traffic (Registration of Power-Assisted Bicycles) Rules 2017;
 - (i) for a PAB which conforms to the standard EN 15194, the PAB is legibly and permanently marked with the following information:
 - (i) a successive frame number;
 - (ii) the name of the manufacturer of the PAB or the manufacturer's representative;
 - (iii) the words "EN 14764" and "EPAC";
 - (iv) the words "According to EN 15194:" which are followed by words that specify the following:
 - (A) the speed, in km/h, at which the PAB's electric motor stops providing power assistance;
 - (B) the maximum continuous rated power, in watts, of the PAB's electric motor.

(3) For the purposes of the definition of "non-compliant power-assisted bicycle" in section 2(1) of the Act, any other power-assisted bicycle which is neither a 2015 power-assisted bicycle nor a 2016 power-assisted bicycle is a non-compliant power-assisted bicycle if it does not comply with any of the following requirements which are prescribed for all these other power-assisted bicycles generally:

- (a) the unladen weight of the PAB does not exceed 20 kilograms;
- (b) the width of the PAB does not exceed 700 millimetres;

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- (c) the maximum continuous rated power of the electric motor of the PAB does not exceed 250 watts;
 - (d) the maximum speed of the PAB does not exceed 25 km/h when solely propelled by its electric motor;
 - (e) the electric motor of the PAB is designed so as —
 - (i) to stop providing further power assistance when the PAB attains a speed of 25 km/h or more;
 - (ii) to reduce and stop providing power assistance when the rider of the PAB stops pedalling; and
 - (iii) to progressively reduce power assistance as the speed of the PAB approaches the speed of 25 km/h or the speed at which the PAB's electric motor stops providing power assistance, whichever is lower;
 - (f) the PAB is affixed with a registration number plate that conforms to the requirements in rule 11(2) of the Road Traffic (Registration of Power-Assisted Bicycles) Rules 2017;
 - (g) the PAB conforms to the standard EN 15194;
 - (h) the PAB is legibly and permanently marked with the following information:
 - (i) a successive frame number;
 - (ii) the name of the manufacturer of the PAB or the manufacturer's representative;
 - (iii) the words "EN 14764" and "EPAC";
 - (iv) the words "According to EN 15194:" which are followed by words that specify the following:
 - (A) the speed, in km/h, at which the PAB's electric motor stops providing power assistance;
 - (B) the maximum continuous rated power, in watts, of the PAB's electric motor.

(4) In this regulation —

“2015 power-assisted bicycle” means a PAB that is approved and sealed before 1 December 2015 by an authorised examiner under the Road Traffic (Power-Assisted Bicycles — Approval) Rules 2004 (G.N. No. S 768/2004);

“2016 power-assisted bicycle” means a PAB that is approved and sealed between 1 December 2015 and 31 January 2016 (both dates inclusive) by an authorised examiner under the Road Traffic (Power-Assisted Bicycles — Approval) Rules 2004;

“EN 15194” means the European Standard EN 15194:2009 +A1:2011 titled “Cycles — Electrically power assisted cycles — EPAC Bicycles” approved by the European Committee for Standardization on 22 November 2008 (except clause 4.2.4.3 in EN 15194:2009+A1:2011) and as amended by Amendment 1 approved by that European Committee for Standardization on 8 October 2011;

“unladen weight”, for a power-assisted bicycle, means the weight of the bicycle, including the body and all equipment and accessories (if any) attached to the bicycle, but excluding any person or carry-on baggage on the bicycle;

“width”, for a power-assisted bicycle, means the width of the bicycle, including the body and all equipment and accessories (if any) attached to the bicycle, but excluding any person or carry-on baggage on the bicycle.”.

Made on 31 December 2018.

CHAN HENG LOON ALAN
Chairman,
Land Transport Authority of
Singapore.

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(To be presented to Parliament under section 67(4) of the Active
Mobility Act 2017).