

## APPLICATION FOR APPROVAL OF POWER-ASSISTED BICYCLES (PAB)

You may take about 10 minutes to complete this form. You will need the following information to fill in the form:

- Detailed technical specifications and particulars of PAB model
- Applicant's name and NRIC number (Singaporean / Singapore Permanent Resident (PR)) or FIN (Foreigner) and/or particulars of Company/Business such as Name of Company, ACRA certificate number, and contact numbers

**IMPORTANT:** Please read the INSTRUCTIONS & NOTES overleaf before completing the form. Applications with incorrect or incomplete information will not be accepted.

Type of Application: ☐ Type Approval ☐ Sealing of PAB(s) (Please state quantity: \_\_\_\_\_ )  
(Please tick "✓" **ONE** only)

## SECTION A – DETAILS OF PAB

PAB Make / Model: \_\_\_\_\_ / \_\_\_\_\_

Battery Make / Model: \_\_\_\_\_ / \_\_\_\_\_

PAB Manufacturer: \_\_\_\_\_

Battery Manufacturer: \_\_\_\_\_

PAB's Country of Manufacture: \_\_\_\_\_

Battery Voltage / Capacity: \_\_\_\_\_ (V) / \_\_\_\_\_ (Ah)

## Technical Requirements (tick "✓" box if it applies to your PAB)

## FOR OFFICIAL USE ONLY

- ☐ Similar to conventional pedal bicycle (i.e. no horizontal platform between the 2 wheels; no excessive body panels and etc)
- ☐ Maximum continuous rated power of motor of up to 250 watts
- ☐ Length  $\leq$  2.6 m, Width  $\leq$  1.3 m
- ☐ Powered by an electric (battery) source only
- ☐ EN15194:2017 compliant<sup>1</sup> ☐ EN15194:2017+A1:2023 compliant
- Safety Features
- ☐ a. Motor does not operate when rider pedals backwards
- ☐ b. Motor power cuts in only when rider starts to pedal forward and motor must stop when the rider stops pedalling
- ☐ c. Motor power progressively reduces and finally cuts off when the bicycle reaches a speed of 25 km/h
- ☐ d. Unladen weight of the PAB is less than or equal to 20 kg
- ☐ e. No throttle or buttons or start up assist etc to bypass the safety/pedal assist features

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Additional features (e.g. pillion seat, carrier) \_\_\_\_\_

## SECTION B – APPLICANT'S PARTICULARS AND DECLARATION

I/We\* declare that I/we\*:

- have ensured that the particulars furnished in this application and its other supporting documents are true and correct to the best of my/our\* knowledge.
- have been briefed on the legal consequences<sup>2</sup> should I/we\* alter, sell or supply or cause or permit to sell, supply, offer or alter the PAB(s) in such condition that the use in that condition would be unlawful under the Road Traffic Act and Active Mobility Act.
- undertake not to supply or sell any PAB(s) for use on public roads/paths unless the PAB(s) has been approved and affixed with the LTA seal.
- undertake not to use or allow the use of any PAB(s) on public roads/paths unless the PAB(s) has been approved and affixed with the LTA seal.
- shall notify the LTA if I/we\* are aware of any safety-related recall initiated by the PAB manufacturer affecting PABs that I/we\* have imported and sold, and are registered in Singapore.
- shall inform the owners of PABs affected by the recall and make the necessary arrangement to perform the improvement/rectification measures and update LTA on the progress of the rectification works regularly.

Applicant's Name: \_\_\_\_\_

Company's Name: \_\_\_\_\_

Applicant's NRIC / Passport no: \_\_\_\_\_

ACRA Certificate No: \_\_\_\_\_

Applicant's Contact No: \_\_\_\_\_

Company Address: \_\_\_\_\_

Company Contact No: \_\_\_\_\_

Signature of Applicant: \_\_\_\_\_

Date: \_\_\_\_\_

\* Delete where inapplicable

<sup>1</sup> PAB models that are tested to EN15194:2017+A1:2023 are also accepted.

<sup>2</sup> Under the Road Traffic Act and Active Mobility Act, any person who alters or causes or permits the vehicle to be altered in such condition that the use thereof in that condition would be unlawful is liable to an offence. First-time offenders shall be liable on conviction to a fine not exceeding \$20,000 or a jail term not exceeding 24 months. Repeat offenders shall be liable on conviction to a fine not exceeding \$40,000 or a jail term not exceeding 48 months.

## INSTRUCTIONS & NOTES

1. Please fill in the required information in Sections A and B.
2. Under the Consumer Protection (Safety Requirements) Registration Scheme, power adaptors for Power-Assisted Bicycle (PAB) must be registered with Enterprise Singapore and bear the "SAFETY Mark" before they can be sold in Singapore. The SAFETY Mark helps consumers identify Controlled Goods that are designed and produced to specified safety requirements. For more information, please visit Enterprise Singapore's website at <https://www.enterprisesg.gov.sg/>
3. Please check that you have the following for application to type approve PAB (in English):
  - Customs inward declaration
  - Detailed technical specifications and pictures from catalogue
  - Certificate of Conformity to show that the PAB complies with EN15194:2017 / EN15194:2017+A1:2023
  - Test reports for the PAB issued by recognised independent testing bodies (e.g. TUV) that are specifically accredited to perform the relevant tests of EN15194:2017 / EN15194:2017+A1:2023 standard to show compliance, without start up assistance mode\*
  - Manufacturer's sales receipt and invoice
  - Bill of Lading
  - Applicant's original<sup>#</sup> NRIC / FIN
  - Accounting and Corporate Regulatory Authority (ACRA) business profile printout valid within 14 days from date of issue (if relevant)
  - Certificate of Conformity for power adaptor and Letter of acknowledgement from Enterprise Singapore
4. Please check that you have the following for application to seal PAB (in English):
  - Type approval letter for the respective PAB make/model
  - Customs inward declaration
  - Bill of lading
  - Manufacturer's sales receipt and invoice
  - Applicant's original<sup>#</sup> NRIC / FIN
  - Accounting and Corporate Regulatory Authority (ACRA) business profile printout valid within 14 days from date of issue (if relevant)
5. Please submit separate applications at the LTA-authorized inspection centres (AICs) for type approval and for sealing of PABs. For example, if 5 units of the **same make and model** of PAB is produced for approval and sealing, you need to fill up one application form for type approval and sealing of 1 unit of PAB, and a separate application form for approval and subsequent sealing of the remaining 4 units of PABs.
6. Every new PAB must be produced for inspection and sealing at selected AICs before they can be used on public roads and cycling/shared paths.
7. For the list of AICs, please visit the One.Motoring website (<https://onemotoring.lta.gov.sg> > Buying > Vehicle Types and Registration > Power-Assisted Bicycles (PAB)).
8. LTA or its authorised inspector may request for any other relevant documents to support the application and inspection process. They may also request to retain the PABs for further assessment before approval/ sealing.
9. The AICs will charge application fees for approval and sealing of the PAB. Please contact the respective AICs for their rates.
10. The processing time for type approval application may on average take up to 2 - 3 weeks.
11. Consent to the Collection, Use or Disclosure of Personal Data

We may share personally identifiable data that you have provided in this application with other Government agencies, so as to serve you in a most efficient and effective way. We will not share your personally identifiable data with other entities, except where such entities have been authorised to carry out specific Government services or in accordance with legislation under the purview of the Land Transport Authority to enable us to perform our functions or duties or to comply with any order of court or in compliance with any written law, or for the purposes of taking any action against any user for breach of the conditions of use of the Authority's electronic services.

Data provided by the Authority may be used for verification and record of your personal particulars, including comparing information from other sources, and using the information to communicate with you.

<sup>#</sup> Physical NRIC or long-term pass card or Digital Identity Card (Digital IC) launched via the Singpass app. Images or videos of the identity card / pass / Digital IC will not be accepted when the original document has to be produced physically for authentication purpose.

\*PABs with start up assistance mode are not permitted in Singapore