

Type Approval of New Buses

1. Type Approval of New Buses:

Type Approval shall be required in the following cases before registration:

- 1.1 A new bus body built on a chassis, irrespective of whether the chassis has been type approved or not.
- 1.2 There has been a change in the seating layout of a registered bus.
- 1.3 There has been major modification to the body of a registered bus.

2. Application for Type Approval of New Buses

2.1 Application in writing shall be made to the Engineer/Bus Safety at Bus Technology Division, Transport Department.

2.2 The application letter shall be accompanied with the followings:

- 2.2.1 Two (2) copies of the specifications of the bus chassis, engine, transmission, brake, steering, tyre, suspension and body.
- 2.2.2 Two (2) copies of the Make and Model or Vehicle Identification Number/Coding System (Not required for buses for change of seating layout or after major re- body).
- 2.2.3 Two (2) copies of the brake circuit diagram of not less than A3 size with the details of its operation.
- 2.2.4 Two (2) copies of drawing of not less than A2 size of the driver seatbelt anchorage with the dimensions showing the relative positions of the anchorage mounting. The drawing shall be certified by the vehicle manufacturer or a registered mechanical engineer. The anchorage shall be in compliance with one of the standards contained in the Road Traffic (Safety Equipment) Regulations.
- 2.2.5 Two (2) copies of the engine emission control certificate and engine noise certificate or approval letters from the Environmental Protection Department, if the engine is a new model or of a new engine rating. Original certificate or approval letter will be required for checking at the time of the type approval examination.
- 2.2.6 Vehicle service manuals if the bus is a new type.
- 2.2.7 Three (3) copies of drawing of not less than A2 size with the dimensions showing the plan, front and rear elevations, nearside and offside elevations, seating arrangement and spaces available for standing passengers of the bus.

2.3 Upon the issue of the provisional approval, applicant may apply for an appointment for the Type Approval Examination by a telephone booking on 3961 0324.

3. Type Approval of Buses after Major Body Reconstruction and/or Changing Seating Layout

- 3.1 Application in writing shall be made to the Engineer/Bus Safety at Bus Technology Division (Link to section 2.2.), Transport Department.
- 3.2 The application letter shall be accompanied with the followings:
 - 3.2.1 Two (2) copies of drawing of not less than A2 size of the driver seatbelt anchorage with the dimensions showing the relative positions of the anchorage mounting. The drawing shall be certified by the vehicle manufacturer or a registered mechanical engineer. The anchorage shall be in compliance with any of the standards contained in the Road Traffic (Safety Equipment) Regulations.
 - 3.2.2 Three (3) copies of drawing of not less than A2 size with the dimensions showing the plan, front and rear elevations, near side and offside elevations, seating arrangement and spaces available for standing passengers of the bus.
 - 3.2.3 Upon the issue of the provisional approval, applicant may apply for an appointment for the Type Approval Examination by a telephone booking on 3961 0324

4. Type Approval Examination

- 4.1 The Type Approval Examination will normally be carried out in two stages in two days :
 - 4.1.1 Day 1 - The bus presented shall be in the unladen condition with full fuel tank for examination and weighing.
 - 4.1.2 Day 2 - The bus presented shall be in laden condition (54 kg for each passenger capacity) for weighing and brake testing. It will then be subject to a tilt-test (Single-decked bus will be loaded with 57 kg on each passenger seat and the driver seat, and 57 kg at a height of 920 mm above the deck floor for each standing passenger. Double-decked bus will be loaded with 57 kg on every passenger seat on the upper deck only and 57 kg on the driver seat).

5. Pre-registration Examination of Buses

- 5.1 After the type approval examination, all new buses will have to be subject to a Pre-registration Examination and be issued a Certificate of Fitness for registration purpose.
- 5.2 Appointment for Pre-registration Examination may be made at Vehicle Safety Enforcement Section 2nd Unit.
- 5.3 An Examination Fee will have to be paid to confirm the appointment.