

## **PROTOCOL 4 TECHNICAL REQUIREMENTS OF VEHICLES**

The Governments of Brunei Darussalam, the Kingdom of Cambodia, the Republic of Indonesia, Lao People's Democratic Republic, Malaysia, Union of Myanmar, the Republic of the Philippines, the Republic of Singapore, the Kingdom of Thailand and the Socialist Republic of Vietnam, Member States of the Association of Southeast Asian Nations (hereinafter referred to as "Contracting Parties");

**RECALLING** the ASEAN Framework Agreement on the Facilitation of Goods in Transit signed on 16 December 1998 in Hanoi, Vietnam (hereinafter referred to as "the Agreement");

**RECOGNISING** that Articles 11 and 25 of the Agreement provide for the conclusion of implementing Protocols which shall form integral parts thereof;

**RECALLING** further the Hanoi Plan of Action which was adopted by the Heads of State and Government of ASEAN at the Sixth ASEAN Summit in Hanoi, Vietnam on 16 December 1998 stipulates to operationalise the Agreement by the year 2000;

**NOW, WHEREFORE**, the Contracting Parties have agreed as follows:

### **ARTICLE 1 Definitions**

For the purposes of this Protocol,

- a) "Transit transport " shall have the meaning assigned to it in the Agreement;
- b) "Road transit transport vehicle" shall have the meaning assigned to it in Protocol 3;
- c) "Protocol 3" means Protocol 3 - Types and Quantity of Road Vehicles made pursuant to the Agreement;
- d) "wheelbase" means the distance between the centre line of the first axle and the centre of the rear tandem axle of three axled rigid motor vehicle; and
- e) "maximum permissible gross vehicle weight" means the maximum permissible weight of a wheeled vehicle, including the weight of its driver and any other person on board, and any load carried on it or by it, transmitted to the road at any given moment through all the wheels of the wheeled vehicle.

### **ARTICLE 2 Scope of Application**

Pursuant to Article 11 of the Agreement, the Contracting Parties hereby agree to apply the provisions of this Protocol to road transit transport vehicles engaging in transit transport.

### **ARTICLE 3**

#### **Obligations**

1. The Contracting Parties shall ensure that each road transit transport vehicle shall be registered with the respective National Transit Transport Coordinating Committee (NTTCC) of which the transit transport operator is registered in compliance with Protocol 3.

2. The Contracting Parties shall ensure that each road transit transport vehicle complies with the technical requirements regarding vehicle dimensions, maximum weights and loads, emission standards and related matters as detailed in this Protocol.

### **ARTICLE 4**

#### **Mandatory Technical Requirements**

1. The road transit transport vehicle to which this Protocol applies shall not be allowed to engage in transit transport unless the following technical requirements are fulfilled:

a) Maximum Vehicle Dimensions, viz:

- i) Maximum length of vehicle as detailed in Annexes A and B;
- ii) Maximum width of vehicles as detailed in Annex C;
- iii) Maximum height of vehicles as detailed in Annex D; and
- iv) Rear overhang as detailed in Annex E.

b) Maximum Permissible Gross Vehicle Weight as detailed in Annex F.

c) Emission Standards as follows:

Exhaust emission (smoke) - 50% (Opacity or Bosch unit) or 50 HSU; and

d) Other related requirements, viz:

- i) Brake Efficiency : 50% of the axle weight and
- ii) Side Slips: plus (+) or minus (-) 5 m/km.

The Contracting Parties hereby agree to standardise the above Technical Requirements for this Protocol but considering the present road conditions in some Contracting Parties, it was agreed that necessary arrangements be made to share updated information concerning designated roads periodically among Contracting Parties and accordingly use only suitable vehicle appropriate to those road conditions at the early stages of implementation of this Protocol. At the same time, the Contracting Parties hereby affirm their determination to upgrade their