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**Working Party on the Transport**

**of Dangerous Goods**

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**PROPOSALS OF AMENDMENTS TO ANNEXES A AND B OF ADR**

**Chapter 9.1**

**Note by the secretariat**

In order to facilitate discussions under this agenda item, the secretariat reproduces hereafter Chapter 9.1 as amended in accordance with the decisions taken at the previous session (see TRANS/WP.15/172, annex 1).

## CHAPTER 9.1

### SCOPE, DEFINITIONS AND REQUIREMENTS FOR THE APPROVAL OF VEHICLES

#### 9.1.1 Scope and definitions

##### 9.1.1.1 *Scope*

The requirements of Part 9 shall apply to vehicles of categories N and O, as defined in Annex 7 of the Consolidated Resolution on the Construction of Vehicles (R.E.3),<sup>1</sup> intended for the carriage of dangerous goods.

These requirements refer to vehicles, as regards their construction, type approval, ADR approval and annual technical inspection.

##### 9.1.1.2 *Definitions*

For the purposes of Part 9:

"*Vehicle*" means any vehicle, whether complete, incomplete or completed, intended for the carriage of dangerous goods by road;

"*EX/II vehicle*" or "*EX/III vehicle*" means a vehicle intended for the carriage of explosives substances and articles (Class 1);

"*FL vehicle*" means a vehicle intended for the carriage of liquids having a flash-point of not more than 61°C (with the exception of diesel fuel complying with standard EN 590:1993, gas oil, and heating oil (light) - UN No. 1202 - with a flash-point as specified in standard EN 590: 1993) or flammable gases, in tank-containers, portable tanks or MEGCs of more than 3 m<sup>3</sup> capacity, fixed tanks or demountable tanks of more than 1 m<sup>3</sup> capacity or a battery-vehicle of more than 1 m<sup>3</sup> capacity intended for the carriage of flammable gases;

"*OX vehicle*" means a vehicle intended for the carriage of hydrogen peroxide, stabilized or hydrogen peroxide, aqueous solution stabilized with more than 60 per cent hydrogen peroxide (Class 5.1, UN No. 2015) in tank-containers or portable tanks of more than 3 m<sup>3</sup> capacity, fixed tanks or demountable tanks of more than 1 m<sup>3</sup> capacity;

"*AT vehicle*" means a vehicle, other than FL or OX, intended for the carriage of dangerous goods in tank-containers, portable tanks or MEGCs of more than 3 m<sup>3</sup> capacity, fixed tanks or demountable tanks of more than 1 m<sup>3</sup> capacity or a battery vehicle of more than 1 m<sup>3</sup> capacity other than an FL vehicle;

"*Complete vehicle*" means any vehicle which does not need any further completion (e.g. one stage built vans, lorries, tractors, trailers);

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<sup>1</sup> Document of the United Nations Economic Commission for Europe, TRANS/WP.29/78/rev.1, as amended.

“*Incomplete vehicle*” means any vehicle which still needs completion in at least one further stage (e.g. chassis-cab, trailer chassis);

“*Completed vehicle*” means any vehicle which is the result of a multi-stage process (e.g. chassis or chassis-cab fitted with a bodywork);

“*Type-approved vehicle*” means any vehicle which has been approved in accordance with ECE Regulation N. 105<sup>2</sup> or Directive 98/91/EC<sup>3</sup>;

“*ADR approval*” means certification by a competent authority of a Contracting Party that a single vehicle intended for the carriage of dangerous goods satisfies the relevant technical requirements of this Part as an EX/II, EX/III, FL, OX, or AT vehicle;

## **9.1.2 Approval of EX/II, EX/III, FL, OX and AT vehicles**

**NOTE:** *No special certificates of approval shall be required for vehicles other than EX/II, EX/III, FL, OX and AT vehicles, apart from those required by the general safety regulations normally applicable to vehicles in the country of origin.*

### **9.1.2.1 General**

EX/II, EX/III, FL, OX and AT vehicles shall comply with the relevant requirements of this Part.

Every complete or completed vehicle shall be subjected to a first inspection by the competent authority in accordance with the administrative requirements of this Chapter to verify conformity with the relevant technical requirements of Chapters 9.2 to 9.7.

The conformity of the vehicle shall be certified by the issue of a certificate of approval in accordance with 9.1.3.

When vehicles are required to be fitted with an endurance braking system, the manufacturer of the vehicle or his duly accredited representative shall issue a declaration of conformity with the requirements of 9.2.3.1.2. This declaration shall be presented at the first technical inspection.

### **9.1.2.2 Requirements for type-approved vehicles**

At the request of the vehicle manufacturer or his duly accredited representative, compliance with the relevant technical requirements of Chapter 9.2 shall be considered to be fulfilled if a type-approval certificate has been issued by the competent authority in accordance with ECE Regulation No. 105<sup>2</sup> or Directive 98/91/EC<sup>3</sup>, for vehicle which are subject to ADR approval according to 9.1.2.1, provided that the technical requirements of

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<sup>2</sup> Regulation No. 105 (Uniform provisions concerning the approval of vehicles intended for the carriage of dangerous goods with regard to their specific constructional features)

<sup>3</sup> Directive 98/91/EC of the European Parliament and of the Council of 14 December 1998 relating to motor vehicles and their trailers intended for the transport of dangerous goods by road and amending Directive 70/156/EEC relating to the type approval of motor vehicles and their trailers (Official Journal of the European Communities No. L 011 of 16.01.1999, p. 0025 – 0036).

the said Regulation or the said Directive correspond to those of Chapter 9.2 of this Part and provided that no modification of the vehicle alters its validity.

This type approval, granted by one Contracting Party, shall be accepted by the other Contracting Parties as ensuring the conformity of the vehicle when the single vehicle is submitted for inspection for ADR approval.

At the inspection for ADR approval, only those parts of the type-approved incomplete vehicle which have been added or modified in the process of completion shall be inspected for compliance with the applicable requirements of Chapter 9.2.

### **9.1.2.3** *Annual technical inspection*

EX/II, EX/III, FL, OX and AT vehicles shall be subject to an annual technical inspection in their country of registration to make sure that they conform to the relevant requirements of this Part, and to the general safety regulations (concerning brakes, lighting, etc.) in force in their country of registration; if these vehicles are trailers or semi-trailers coupled behind a drawing vehicle, the drawing vehicle shall be subject to technical inspection for the same purposes.

The conformity of the vehicle shall be certified either by the extension of validity of the certificate of approval or by the issue of a new certificate of approval in accordance with 9.1.3.

### **9.1.3** **Certificate of approval**

9.1.3.1 Conformity of EX/II, EX/III, FL, OX and AT vehicles with the requirements of this Part is subject to a certificate of approval (certificate of ADR approval) issued by the competent authority of the country of registration for each vehicle whose inspection yields satisfactory results. It shall be drawn up in the language or one of the languages of the country issuing it. It shall conform to the model shown in 9.1.3.5. The title of the certificate of approval and any remarks under item 11 shall be drawn up in the language or one of the languages of the country issuing it and also, if that language is not English, French or German, in English, French or German.

9.1.3.2 A certificate of approval issued by the competent authorities of one Contracting Party for a vehicle registered in the territory of that Contracting Party shall be accepted, so long as its validity continues, by the competent authorities of the other Contracting Parties.

9.1.3.3 The certificate of approval shall have the same layout as the model shown in 9.1.3.5. Its dimensions shall be 210 mm H 297 mm (format A4). Both front and back may be used. The colour shall be white, with a pink diagonal stripe. The approval certificate for a vacuum-operated waste tank-vehicle shall bear the following remark: "**vacuum-operated waste tank-vehicle**".

9.1.3.4 The validity of a certificate of approval shall expire not later than one year after the date of the technical inspection of the vehicle preceding the issue of the certificate. The next approval term shall, however, be related to the last nominal expiry date, if the technical inspection is performed within one month before or after that date.

However, in the case of tanks subject to compulsory periodic inspection this provision shall not mean that tightness (leakproofness) tests, hydraulic pressure tests or internal

inspections of tanks have to be carried out at intervals shorter than those laid down in Chapters 6.8 and 6.9.



<b>13. Extensions of validity</b>	
Validity extended until	Stamp of issuing service, place, date, signature:

NOTE: This certificate shall be returned to the issuing service when the vehicle is taken out of service; if the vehicle is transferred to another carrier, operator or owner, as specified in No. 5; on expiry of the validity of the certificate; and if there is a material change in one or more essential characteristics of the vehicle.

