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Reference: C.N.125.2001.TREATIES-1 (Depositary Notification)

AGREEMENT CONCERNING THE ADOPTION OF UNIFORM TECHNICAL  
PRESCRIPTIONS FOR WHEELED VEHICLES, EQUIPMENT AND PARTS  
WHICH CAN BE FITTED AND/OR BE USED ON WHEELED VEHICLES AND  
THE CONDITIONS FOR RECIPROCAL RECOGNITION OF APPROVALS  
GRANTED ON THE BASIS OF THESE PRESCRIPTIONS.  
GENEVA, 20 MARCH 1958

REGULATION NO. 101. UNIFORM PROVISIONS CONCERNING THE  
APPROVAL OF PASSENGER CARS EQUIPPED WITH AN INTERNAL  
COMBUSTION ENGINE WITH REGARD TO THE MEASUREMENT OF THE  
EMISSION OF CARBON DIOXIDE AND FUEL CONSUMPTION AND OF  
CATEGORIES M1 AND N1 VEHICLES EQUIPPED WITH AN ELECTRIC  
POWER TRAIN WITH REGARD TO THE MEASUREMENT OF ELECTRIC  
ENERGY CONSUMPTION AND RANGE

PROPOSAL OF AMENDMENTS TO REGULATION

On 27 February 2001, the Secretary-General received from the Administrative Committee of the above Agreement, pursuant to article 12 (1) of the Agreement, amendments proposed to the above Regulation.

..... A copy, in the English and French languages, of the document containing the text of the proposed amendments is transmitted herewith (doc. TRANS/WP.29/761).

The Secretary-General wishes to draw attention to article 12 (2) and (3) of the Agreement which read as follows:

"2. An amendment to a Regulation will be considered to be adopted unless, within a period of six months from its notification by the Secretary-General, more than one-third of the Contracting Parties applying the Regulation at the time of notification have informed the Secretary-General of their disagreement with the amendment. If, after this period, the Secretary-General has not received declarations of disagreement of more than one-third of the Contracting Parties applying the Regulation, the Secretary-General shall as soon as possible declare the amendment as adopted and binding upon those Contracting Parties applying the Regulation who did not declare themselves opposed to it. When a Regulation is amended and at least one-fifth of the Contracting Parties applying the unamended Regulation subsequently declare that they wish to continue to apply the unamended Regulation, the unamended Regulation will be regarded as an alternative to the amended Regulation and will be incorporated formally as such into the Regulation with effect from the date of adoption of the amendment or its entry into force. In this case the obligations of the Contracting Parties applying the Regulation shall be the same as set out in paragraph 1.

3. Should a new Contracting Party accede to this Agreement between the time of the

Attention: Treaty Services of Ministries of Foreign Affairs and of international organizations concerned.

notification of the amendment to a Regulation by the Secretary-General and its entry into force, the Regulation in question shall not enter into force for that Contracting Party until two months after it has formally accepted the amendment or two months after the lapse of a period of six months since the communication to that Party by the Secretary-General of the proposed amendment."

12 March 2001

A handwritten signature in black ink, appearing to be the initials 'M/V' or similar, located below the date.



**Economic and Social  
Council**

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**ECONOMIC COMMISSION FOR EUROPE**

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations (WP.29)

DRAFT SUPPLEMENT 4 TO REGULATION No. 101

(Emission of CO<sub>2</sub> and fuel consumption measurement)

Note: The text reproduced below was adopted by the Administrative Committee (AC.1) of the amended 1958 Agreement at its sixteenth session, following the recommendation by WP.29 at its one-hundred-and-twenty-second session. It is based on document TRANS/WP.29/2000/63, not amended (TRANS/WP.29/743, para. 165).

Paragraph 5.2.1., amend to read:

"..... as described in appendix 1 of annex 4 to Regulation No. 83 in force at the time of the approval of the vehicle."

Paragraph 5.2.4., amend to read :

"5.2.4. The appropriate reference fuels as defined in annex 10 to Regulation No. 83 must be used for testing.

For LPG and natural gas (NG) .... communication document as defined in annex 3 to this Regulation.

For the purpose of calculation mentioned in paragraph 5.2.3., the fuel consumption shall be expressed in appropriate units and the following fuel characteristics shall be used:

(a) ..... For petrol and diesel fuel the density measured at 15° C will be used; for LPG and natural gas a reference density will be used, as follows:

0.538 kg/litre for LPG  
0.654 kg/m<sup>3</sup> for NG \*/

(b) hydrogen-carbon ratio: .....  
.....  
4.00 for NG

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\*/ Mean value of G20 and G23 reference fuels at 15 °C."

Annex 3,

Item 7.1.1., amend to read:

"7.1.1. CO<sub>2</sub> mass emissions:"

Insert new items 7.1.1.1. to 7.1.1.3., to read:

"7.1.1.1. Urban conditions: . . . . . g/km  
7.1.1.2. Extra-urban conditions: . . . . . g/km  
7.1.1.3. Combined: . . . . . g/km"

Item 7.1.2., insert a reference to a new footnote 4/, and a new footnote 4/, to read:

"4/ For vehicles fuelled with NG the unit l/100km is replaced by m<sup>3</sup>/km."

Annex 5,

Paragraph 1.1.5., amend to read:

"..... at its normal temperature.

At the request of the manufacturer, vehicles with positive-ignition engines may be preconditioned according to the procedure prescribed in paragraph 5.2.1. of annex 7 to Regulation No. 83 in force at the time of the approval of the vehicle."

Paragraph 1.4.1., amend to read :

"..... appendix 1 of annex 4 to Regulation No. 83 in force at the time of the approval of the vehicle."

Paragraph 1.4.2., amend to read:

"1.4.2. The load and inertia adjustments of the dynamometer are determined as defined in annex 4 to Regulation No. 83 in force at the time of the approval of the vehicle."

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