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REFERENCE: C.N.291.1997.TREATIES-59 (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
DONE AT GENEVA ON 20 MARCH 1958

AMENDMENTS PROPOSED TO REGULATION NO. 4

The Secretary-General of the United Nations, acting in his capacity as depositary, communicates the following:

On 25 June 1997, the Secretary-General received from the Administrative Committee of the above Agreement, pursuant to article 12 (1) of the Agreement, amendments proposed to Regulation No. 4 ("Uniform provisions for the approval of devices for the illumination of rear registration plates of motor vehicles (except motor cycles) and their trailers") annexed to the Agreement.

..... A copy, in the English and French languages, of the document containing the text of the proposed amendments is transmitted herewith (supplement 7: doc. TRANS/WP.29/537).

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.

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



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

18 July 1997

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**Economic and Social
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and FRENCH

ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

Working Party on the Construction of Vehicles

DRAFT SUPPLEMENT 7 TO REGULATION No. 4
(Illumination of rear registration plates)

Note: The text reproduced below was adopted by the Administrative Committee (AC.1) of the amended 1958 Agreement at its fifth session, following the recommendation by the Working Party at its one-hundred-and-eleventh session. It is based on document TRANS/WP.29/R.781, as amended (French only) (TRANS/WP.29/534, paras. 49 and 111).

The distribution of documents of the Inland Transport Committee and its subsidiary bodies is limited. They are distributed only to governments, to specialized agencies and to governmental and non-governmental organizations which take part in the work of the Committee and of its subsidiary bodies, and should not be given to newspapers or periodicals.

Under Contents, "Annexes", insert two new titles to read:

"Annex 6 - Minimum requirements for conformity of production control procedures

Annex 7 - Minimum requirements for sampling by an inspector"

Paragraph 4.4.1., footnote 1/, amend to read:

"1/ 1 for Germany, ... 8 for the Czech Republic, ... 15 (vacant), ... 22 for the Russian Federation, 23 for Greece, 24 (vacant), 25 for Croatia, 26 for Slovenia, 27 for Slovakia, 28 for Belarus, 29 for Estonia, 30-36 (vacant) and 37 for Turkey. Subsequent numbers"

Paragraph 10, replace by the following text:

"10. CONFORMITY OF PRODUCTION

The conformity of production procedures shall comply with those set out in the Agreement, Appendix 2 (E/ECE/324-E/ECE/TRANS/505/Rev.2), with the following requirements:

- 10.1. Devices for the illumination of rear registration plates (henceforth called devices), approved under this Regulation shall be so manufactured as to conform to the type approved by meeting the requirements set forth in paragraphs 5, 6 and 9 above. If there is more than one device necessary, then in the following text a device means a set of devices.
- 10.2. The minimum requirements for conformity of production control procedures set forth in annex 6 to this Regulation shall be complied with.
- 10.3. The minimum requirements for sampling by an inspector set forth in annex 7 to this Regulation shall be complied with.
- 10.4. The authority which has granted type approval may at any time verify the conformity control methods applied in each production facility. The normal frequency of these verifications shall be once every two years."

Add new Annexes 6 and 7 to read:

"Annex 6

MINIMUM REQUIREMENTS FOR CONFORMITY OF PRODUCTION CONTROL PROCEDURES

1. GENERAL

- 1.1. The conformity requirements shall be considered satisfied from a mechanical and geometric standpoint, if the differences do not exceed inevitable manufacturing deviations within the requirements of this Regulation.

- 1.2. With respect to photometric performances, the conformity of mass-produced devices shall not be contested if, when testing photometric performances of any device chosen at random and equipped with a standard filament lamp, or when the lamps are equipped with non-replaceable light sources (filament lamps or other), and when all measurements are made at 6.75 V, 13.5 V or 28.0 V respectively:
- 1.2.1. no measured value deviates unfavourably by more than 20 per cent from the values prescribed in this Regulation.
- 1.2.2. With respect to the gradient of luminance the unfavourable deviation may be:
- | | | |
|-------------|---------------|-------------|
| 2.5 x Bo/cm | comparable to | 20 per cent |
| 3.0 x Bo/cm | comparable to | 30 per cent |
- 1.2.3. If, in the case of a device equipped with a replaceable light source and if results of the test described above do not meet the requirements, tests on devices shall be repeated using another standard filament lamp.

2. MINIMUM REQUIREMENTS FOR VERIFICATION OF CONFORMITY BY THE MANUFACTURER

For each type of device the holder of the approval mark shall carry out at least the following tests, at appropriate intervals. The tests shall be carried out in accordance with the provisions of this Regulation.

If any sampling shows non-conformity with regard to the type of test concerned, further samples shall be taken and tested. The manufacturer shall take steps to ensure the conformity of the production concerned.

2.1. Nature of tests

Tests of conformity in this Regulation shall cover the photometric characteristics.

2.2. Methods used in tests

2.2.1. Tests shall generally be carried out in accordance with the methods set out in this Regulation.

2.2.2. In any test of conformity carried out by the manufacturer, equivalent methods may be used with the consent of the competent authority responsible for approval tests. The manufacturer is responsible for proving that the applied methods are equivalent to those laid down in this Regulation.

2.2.3. The application of paragraphs 2.2.1. and 2.2.2. requires regular calibration of test apparatus and its correlation with measurements made by a competent authority.

2.2.4. In all cases the reference methods shall be those of this Regulation, particularly for the purpose of administrative verification and sampling.

2.3. Nature of sampling

Samples of devices shall be selected at random from the production of a uniform batch. A uniform batch means a set of devices of the same type, defined according to the production methods of the manufacturer.

The assessment shall in general cover series production from individual factories. However, a manufacturer may group together records concerning the same type from several factories, provided these operate under the same quality system and quality management.

2.4. Measured and recorded photometric characteristics

The sampled device shall be subjected to photometric measurements provided for in the Regulation.

2.5. Criteria governing acceptability

The manufacturer is responsible for carrying out a statistical study of the test results and for defining, in agreement with the competent authority, criteria governing the acceptability of his products in order to meet the specifications laid down for verification of conformity of products in paragraph 10.1. of this Regulation.

The criteria governing the acceptability shall be such that, with a confidence level of 95 per cent, the minimum probability of passing a spot check in accordance with annex 7 (first sampling) would be 0.95.

Annex 7

MINIMUM REQUIREMENTS FOR SAMPLING BY AN INSPECTOR

1. GENERAL

1.1. The conformity requirements shall be considered satisfied from a mechanical and a geometric standpoint, in accordance with the requirements of this Regulation, if any, if the differences do not exceed inevitable manufacturing deviations.

1.2. With respect to photometric performance, the conformity of mass-produced devices shall not be contested if, when testing photometric performances of any device chosen at random and equipped with a standard filament lamp, or when the lamps are equipped with non-replaceable light sources (filament lamps or other), and when all measurements are made at 6.75 V, 13.5 V or 28.0 V respectively:

1.2.1. no measured value deviates unfavourably by more than 20 per cent from the values prescribed in this Regulation.

1.2.2. With respect to the gradient of luminance the unfavourable deviation may be:

2.5 x Bo/cm	comparable to	20 per cent
3.0 x Bo/cm	comparable to	30 per cent

1.2.3. If, in the case of a device equipped with a replaceable light source and if results of the test described above do not meet the requirements, tests on devices shall be repeated using another standard filament lamp.

1.2.4. Devices with apparent defects are disregarded.

2. FIRST SAMPLING

In the first sampling four devices are selected at random. The first sample of two is marked A, the second sample of two is marked B.

2.1. The conformity is not contested

2.1.1. Following the sampling procedure shown in Figure 1 of this annex the conformity of mass-produced devices shall not be contested if the deviation of the measured values of the devices in the unfavourable directions are:

2.1.1.1. sample A

A1: one device	0 per cent
one device not more than	20 per cent
A2: both devices more than	0 per cent
but not more than	20 per cent
go to sample B	

2.1.1.2. sample B

B1: both devices	0 per cent
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2.2. The conformity is contested

2.2.1. Following the sampling procedure shown in Figure 1 of this annex the conformity of mass-produced devices shall be contested and the manufacturer requested to make his production meet the requirements (alignment) if the deviations of the measured values of the devices are:

2.2.1.1. sample A

A3: one device not more than	20 per cent
one device more than	20 per cent
but not more than	30 per cent

2.2.1.2. sample B

B2:	in the case of A2	
	one device more than	0 per cent
	but not more than	20 per cent
	one device not more than	20 per cent
B3:	in the case of A2	
	one device	0 per cent
	one device more than	20 per cent
	but not more than	30 per cent

2.3. Approval withdrawn

Conformity shall be contested and paragraph 11 applied if, following the sampling procedure in Figure 1 of this annex, the deviations of the measured values of the devices are:

2.3.1. sample A

A4:	one device not more than	20 per cent
	one device more than	30 per cent
A5:	both devices more than	20 per cent

2.3.2. sample B

B4:	in the case of A2	
	one device more than	0 per cent
	but not more than	20 per cent
	one device more than	20 per cent
B5:	in the case of A2	
	both devices more than	20 per cent
B6:	in the case of A2	
	one device	0 per cent
	one device more than	30 per cent

3. REPEATED SAMPLING

In the cases of A3, B2, B3 a repeated sampling, third sample C of two devices and fourth sample D of two devices, selected from stock manufactured after alignment, is necessary within two months' time after the notification.

3.1. The conformity is not contested

3.1.1. Following the sampling procedure shown in Figure 1 of this annex the conformity of mass-produced devices shall not be contested if the deviations of the measured values of the devices are:

3.1.1.1. sample C

C1:	one device	0 per cent
	one device not more than	20 per cent
C2:	both devices more than	0 per cent
	but not more than	20 per cent
	go to sample D	

3.1.1.2. sample D

D1:	in the case of C2	
	both devices	0 per cent

3.2. The conformity is contested

3.2.1. Following the sampling procedure shown in Figure 1 of this annex the conformity of mass-produced devices shall be contested and the manufacturer requested to make his production meet the requirements (alignment) if the deviations of the measured values of the devices are:

3.2.1.1. sample D

D2:	in the case of C2	
	one device more than	0 per cent
	but not more than	20 per cent
	one device not more than	20 per cent

3.3. Approval withdrawn

Conformity shall be contested and paragraph 11 applied if, following the sampling procedure in Figure 1 of this annex, the deviations of the measured values of the devices are:

3.3.1. sample C

C3:	one device not more than	20 per cent
	one device more than	20 per cent
C4:	both devices more than	20 per cent

3.3.2. sample D

D3:	in the case of C2	
	one device 0 or more than	0 per cent
	one device more than	20 per cent

Figure 1

