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Economic Commission for Europe**Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****Working Party on Passive Safety****Fifty-fifth session**

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Item 20 of the provisional agenda

Proposal for a new Regulation on Pole Side Impact**Draft 01 series of amendments to the draft new Regulation
No. [X] concerning the approval of vehicles with regard to
their Pole Side Impact performance****Submitted by the expert from Australia ***

The text reproduced below has been prepared by the expert from Australia to outline a 01 series of amendments to a draft new UN Regulation on the approval of vehicles with regard to their pole side impact performance, which would enable Contracting Parties applying such a new Regulation to require a vehicle-to-pole impact speed of 32 ± 1 km/h regardless of the "vehicle width". The modification to the text of the draft UN Regulation (ECE/TRANS/WP.29/GRSP/2014/9) are marked in bold for new or strikethrough for deleted characters.

* In accordance with the programme of work of the Inland Transport Committee for 2012–2016 (ECE/TRANS/224, para. 94 and ECE/TRANS/2012/12, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

I. Proposal

Paragraph 4.3., amend to read:

- "4.3. An approval number shall be assigned to each vehicle type approved. Its first two digits (at present **01** corresponding to the **01** series of amendments) shall indicate the series of amendments incorporating the most recent major technical amendments made to the Regulation at the time of issue of the approval. The same Contracting Party may not assign the same approval number to another vehicle type."

Insert new paragraphs 11. to 11.6., to read:

"11. Transitional provisions

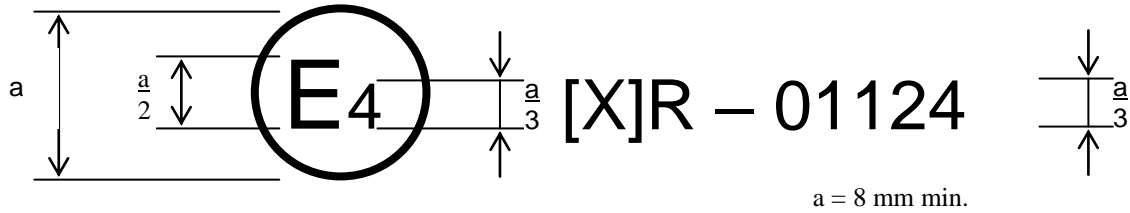
- 11.1. As from the official date of entry into force of the 01 series of amendments to this Regulation, no Approval Authority communicated in accordance with paragraph 10.1. above by a Contracting Party applying this Regulation, shall refuse to grant type approvals in accordance with the 01 series of amendments to this Regulation.**
- 11.2. As from the official date of entry into force of the 01 series of amendments to this Regulation, the Approval Authorities communicated in accordance with paragraph 10.1. above by the Contracting Parties applying this Regulation, may continue granting type approvals and extensions of type approvals to the 00 series of amendments to this Regulation.**
- In accordance with Article 12 of the 1958 Agreement, the 00 series of amendments may be accepted as an alternative to the 01 series in the regional/national legislation of Contracting Parties applying this regulation.**
- 11.3. As from the official date of entry into force of the 01 series of amendments to this Regulation, no Contracting Party applying this Regulation shall refuse regional or national type approval of a vehicle type approved to the 01 series of amendments to this Regulation.**
- 11.4. Until 1 January 2017, no Contracting Party applying this Regulation may refuse regional/national type approval or first regional/national registration (first entry into service) of a vehicle type approved to the Regulation in its original form.**
- 11.5. As from 1 January 2017, Contracting Parties applying this Regulation shall not be obliged to accept, for the purpose of regional/national type approval or first regional/national registration (first entry into service), vehicles having a vehicle width of 1.50 m or less which are not type approved to the 01 series of amendments to this Regulation.**
- 11.6. As from the official date of entry into force of the 01 series of amendments to this Regulation, Contracting Parties applying this Regulation shall continue to accept approvals of vehicle types to the Regulation in its original form, which are not affected by the 01 series of amendments."**

Annex 2, amend to read:

"Annex 2

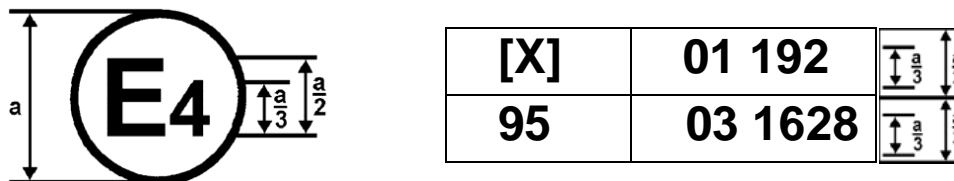
Arrangement of the approval mark

Model A
(See paragraph 4.5. of this Regulation)



The above approval mark affixed to a vehicle shows that the vehicle type concerned has, with regard to its pole side impact performance, been approved in the Netherlands (E4) pursuant to Regulation No. [X] under approval number 01124. The approval number indicates that the approval was granted in accordance with the requirements of Regulation No. [X] as amended by the 01 series of amendments.

Model B
(See paragraph 4.6. of this Regulation)



a = 8 mm min.

The above approval mark affixed to a vehicle shows that the vehicle type concerned has been approved in the Netherlands (E4) pursuant to Regulations Nos. [X] and 95¹. The first two digits of the approval numbers indicate that, at the dates when the respective approvals were granted, Regulation No. [X] incorporated the 01 series of amendments and Regulation No. 95 incorporated the 03 series of amendments."

¹ The latter number is given only as an example.

Annex 3

Paragraph 8.6., amend to read:

"8.6. ~~Except as provided in paragraph 8.7. below,~~ The test vehicle speed at the moment of first vehicle-to-pole contact shall be 32 ± 1 km/h."

Paragraph 8.7., shall be deleted.

II. Justification

1. The draft new UN Regulation No. [X] in its original form requires:
 - (a) vehicles with a 'vehicle width' greater than 1.50 m to be impacted into a stationary pole at 32 ± 1 km/h; and
 - (b) vehicles with a 'vehicle width' less than or equal to 1.50 m to be impacted into a stationary pole at $26 -0/+7$ km/h.
 2. The purpose of this proposal is to introduce a 01 series of amendments to UN [X] to enable Contracting Parties applying this Regulation to require a vehicle-to-pole impact speed of 32 ± 1 km/h regardless of the "vehicle width".
 3. The proposed new paragraph 11.2. will allow ongoing mutual recognition of all type approvals issued in accordance with the Regulation in its original form, among the Contracting Parties that wish to continue to accept all these approvals.
 4. The proposed new paragraph 11.6. will require ongoing mutual recognition of type approvals issued in accordance with the Regulation in its original form, which are not affected by the 01 series of amendments (i.e. vehicles with a 'vehicle width' greater than 1.5 m).
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