

10 February 2014

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*

(Revision 2, including the amendments which entered into force on 16 October 1995)

Addendum 130 – Regulation No. 131

Amendment 1

01 series of amendments – Date of entry into force: 26 January 2014

Uniform provisions concerning the approval of motor vehicles with regard to the Advanced Emergency Braking Systems (AEBS)



UNITED NATIONS

* Former title of the Agreement: Agreement Concerning the Adoption of Uniform Conditions of Approval and Reciprocal Recognition of Approval for Motor Vehicle Equipment and Parts, done at Geneva on 20 March 1958.

Paragraph 1., amend to read (footnote 1 remains unchanged):

1. Scope and purpose

This Regulation applies to the approval of vehicles of category M₂, N₂, M₃ and N₃¹ with regard to an on-board system to avoid or mitigate the severity of a rear-end in lane collision.

Paragraph 4.2., amend to read:

"4.2. An approval number shall be assigned to each type approved; its first two digits (at present 01 corresponding to the 01 series of amendments) shall indicate... "

Insert new paragraphs 12. to 12.5., to read:

12. Transitional provisions

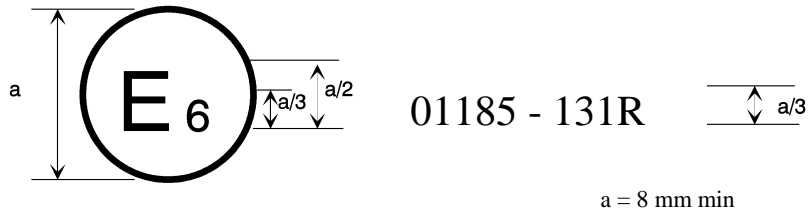
- 12.1. As from the official date of entry into force of the 01 series of amendments, no Contracting Party applying the 01 series of amendments to this Regulation, shall refuse to grant type approvals in accordance with the 01 series of amendments of this Regulation.
- 12.2. As from the date of entry into force of the 01 series of amendments to this Regulation, 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 used as an alternative to the 01 series. Contracting Parties shall notify to the United Nations Secretary-General which alternative they apply. In the absence of notification of Contracting Parties to the Secretariat General, Contracting Parties will be considered to apply the 01 series.
- 12.3. As from the date of entry into force of the 01 series of amendments, no Contracting Party applying this Regulation shall refuse national or regional type approval of a vehicle type approved to the 01 series of amendments to this Regulation.
- 12.4. Until 1 November 2016, no Contracting Party applying this Regulation shall refuse national or regional type approval of a vehicle type approved to the 00 series of amendments to this Regulation.
- 12.5. As from 1 November 2016, Contracting Parties applying the 01 series of amendments to this Regulation shall not be obliged to accept, for the purpose of national or regional type approval, a vehicle type approved to the 00 series of amendments to this Regulation.

Annex 2, amend to read:

"Annex 2

Arrangements of approval marks

(See paragraphs 4.4. to 4.4.2. of this Regulation)



The above approval mark affixed to a vehicle shows that the vehicle type concerned has been approved in Belgium (E 6) with regard to the Advanced Emergency Braking Systems (AEBS) pursuant to Regulation No. 131. The first two digits of the approval number indicate that the approval was granted in accordance with the requirements of the 01 series of amendments to the Regulation No. 131

Annex 3, the table, amend to read:

"Warning and activation test requirements – pass/fail values

A	B	C	D	E	F	G	H	
	<i>Stationary target</i>			<i>Moving target</i>				
	<i>Timing of warning modes</i>		<i>Speed reduction</i>	<i>Timing of warning modes</i>		<i>Speed reduction</i>	<i>Target speed</i>	
	<i>At least 1 haptic or acoustic (ref. paragraph 6.4.2.1.)</i>	<i>At least 2 (ref. paragraph 6.4.2.2.)</i>	<i>(ref. paragraph 6.4.4.)</i>	<i>At least 1 haptic or acoustic (ref. paragraph 6.5.2.1.)</i>	<i>At least 2 (ref. paragraph 6.5.2.2.)</i>	<i>(ref. paragraph 6.5.3.)</i>	<i>(ref. paragraph 6.5.1.)</i>	
M_3^1 , $N_2 > 8t$ and N_3	Not later than 1.4 s. before the start of emergency braking phase	Not later than 0.8 s. before the start of emergency braking phase	Not less than 20 km/h	Not later than 1.4 s. before the start of emergency braking phase	Not later than 0.8 s. before the start of emergency braking phase	No impact	12 ± 2 km/h	1
$N_2 \leq 8 t^2$ and M_2^2	The pass/fail values for the warning and activation test requirements in Cells B2 to H2 applicable to vehicles of category $N_2 \leq 8$ tons and of category M_2 will be defined by GRRF and adopted by WP.29 at least 36 months before 1 November 2016. Until such values are adopted, Contracting Parties shall refrain from issuing type-approvals for these vehicles in accordance with the 01 series of amendments to the AEBS Regulation.							2

¹ Vehicles of category M_3 with hydraulic braking system are subject to the requirements of row 2

² Vehicles with pneumatic braking systems are subject to the requirements of row 1