

2 February 2021

Agreement

Concerning the Adoption of Harmonized Technical United Nations Regulations 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 United Nations Regulations*

(Revision 3, including the amendments which entered into force on 14 September 2017)

Addendum 128 – UN Regulation No. 129

Amendment 11

Supplement 10 to the original version of the Regulation – Date of entry into force:
3 January 2021

Uniform provisions concerning the approval of Enhanced Child Restraint Systems used on board of motor vehicles (ECRS)

This document is meant purely as documentation tool. The authentic and legal binding text is:
ECE/TRANS/WP.29/2020/55.



UNITED NATIONS

* Former titles 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 (original version);
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 5 October 1995 (Revision 2).



Paragraph 6.3.1.1., amend to read:

"6.3.1.1. The Enhanced Child Restraint System manufacturer shall declare in writing that the toxicity of materials used in the manufacture of restraint systems and accessible to the restrained child is in conformity with the test requirements of EN 71-3:2019, for a Category III material as defined in paragraph 4.2. Table 2 and following the test method of paragraph 7.2., specifically paragraph 7.2.2., Table 3, Category III sampling method. Tests confirming the validity of the declaration may be carried out at the discretion of the Technical Service."

Paragraph 6.6.4.3.1., amend to read:

"6.6.4.3.1. Injury assessment criteria for frontal and ...

...
...
Resultant head acceleration 3 ms	...	...	...	...	...	...	...	...
...					
...					
Resultant chest acceleration 3 ms	...	...	...	...	...	...	...	...
...					
...

..."

Paragraph 6.6.4.4.2., amend to read:

"6.6.4.4.2. When Enhanced Child Restraint Systems ..., the head performance criterion (HPC) and the resultant head acceleration 3 ms shall be ... "

Paragraph 6.6.4.5.2., amend to read:

" 6.6.4.5.2. Additional injury assessment criteria for lateral impact

...

...
...
Resultant head acceleration 3 ms	...	...	...	...	...	...	...	...
...					
...					

..."

Paragraph 8.1., amend to read:

" 8.1. The test report shall record the results of all tests and measurements including the following test data:

(a) ...

...

(i) The following dummy criteria: HPC, Resultant head acceleration Cum 3 ms, Upper neck tension force, Upper neck moment, Resultant chest acceleration Cum 3 ms, Chest deflection, Abdominal pressure (in frontal and rear impact), and ..."

Annex 6-Appendix 2

Paragraph 2., amend to read:

- "2. Enhanced Child Restraint Systems in the i-Size and specific vehicle-categories shall use the following anchorage points: H₁ and H₂."
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