

Proposal for draft amendments to titles of the UNECE Regulations related to vehicle and tyre noise emissions

The text reproduced below was prepared by the experts from the Russian Federation in order to initiate a process of unification of titles, terms and definitions of the UNECE Regulations related to vehicle and tyre noise emissions. It is proposed to start this activity from amending the titles of the UNECE Regulations, taking into account the uniform interpretation of the terms “noise” and “sound”. The modifications to the current text are marked in bold for new characters or strikethrough for deleted characters.

I. Proposal

The titles of the following UNECE Regulations, amend to read:

UNECE
Regulation
No.

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| 9 | Uniform provisions concerning the approval of three-wheeled mopeds and vehicles (category L2, L4 and L5) vehicles with regard to [their] noise [emissions] |
| 41 | Uniform provisions concerning the approval of motor cycles (category L3) with regard to [their] noise [emissions] |
| 51 | Uniform provisions concerning the approval of motor vehicles having at least four wheels (category M and N) with regard to [their] noise [emissions] |
| 63 | Uniform provisions concerning the approval of two-wheeled mopeds (category L1 vehicles) with regard to [their] noise [emissions] |
| 59 | Uniform provisions concerning the approval of non-original replacement silencing exhaust systems for motor vehicles having at least four wheels (category M1 and N1) with regard to noise [emissions] |
| 92 | Uniform provisions concerning the approval of non-original replacement exhaust silencing systems (RESS) for motorcycles, mopeds and three-wheeled vehicles (category L1 - L5) with regard to noise [emissions] |
| 117 | Uniform provisions concerning the approval of tyres with regard to [their] rolling noise sound sound [emissions] and to adhesion on wet surfaces and/or to rolling resistance |

II. Justification

The proposal of the Russian Federation is based on the following:

1. Heard sound is understood as mechanical indignations that are usually oscillations or waves, which spread in the elastic environment and are perceived by a human hearing. If the elastic environment is gas (air) then it is possible to talk about air sound.
2. The sound breaking silence, stirring to acoustical perception of the useful signal, leading to intensity and health infringement is called as noise. Often "noise" is defined as an undesirable sound.
3. As the considered Regulations are directed on a decrease of a negative influence from vehicles on the environment, it is proposed to leave a word "noise" in the titles of the Regulations.
4. In order to simplify understanding of the scope of the Regulations, it is also proposed to add into the titles of all Regulations the vehicle categories as defined in the Consolidated Resolution R.E.3.
