

Proposal for amendments to draft 08 series of amendments to UN Regulation No. 9 (Noise emissions of three-wheeled vehicles)

Submitted by the expert from the International Motorcycle Manufacturers Association (IMMA)

The text reproduced below was prepared by the expert from IMMA with a view to correct an inconsistency in GRB-68-22 regarding the ASEP exemption conditions for vehicles with variable gear ratios or automatic transmission with non-lockable gear ratios.

This document is based on the text of GRB-68-22 (08 series) (introduction of ASEP into Regulation No.9, as proposed by the European Commission), as adopted at 68th GRB(P) session on 14 September 2018; To be voted in March as WP29-2019-006.

The proposed amendments WP29-2019-006 are marked in bold for new or strikethrough for deleted characters.

I. Proposal

Annex 6, paragraph 1.2., amend to read

"Vehicles with variable gear ratios or automatic transmission with non-lockable gear ratios are exempted from the requirements of this Annex, if the vehicle manufacturer provides technical documents to the Type Approval Authority showing, that the vehicle's engine speed at BB' does neither exceed **1.15*nBB'_ref** (~~nBB' + 0.05 * (nrated — nidle)~~) nor fall below **0.85*nBB'_ref** (~~nBB' — 0.05 * (nrated — nidle)~~) for any test condition inside the ASEP control range defined in paragraph 2.5. below, where **nBB'_ref** is calculated in accordance to paragraph 3.3.1. of this Annex. (~~nBB' is the average engine speed at BB' from the two valid acceleration tests according to paragraphs 2. and 3. of Annex 3.~~)

Annex 6, delete the last sentence of paragraph 2.5 (d),

" ... nBB'_ref is calculated in accordance to paragraph 3.3.1. of this Annex."

II. Justification

There is an inconsistency in GRB-68-22 with regards to the ASEP exemption range for vehicles with variable gear ratios or automatic transmission with non-lockable gear ratios. IMMA proposes to redefine the engine speed window for exemption.

The last sentence of paragraph 2.5 (d) in Annex 6 can be deleted because it is covered now in paragraph 1.2 of Annex 6.
