
GRBP-81-15, Amending GRBP-81-02

Eighty-first session

Geneva, 18-21 February 2025

Item 3 of the provisional agenda

UN Regulation No. 41 (Noise Emissions of Motorcycles)

Proposal to amend the proposal for a new 06 series of amendments to UN Regulation No. 41

Submitted by the experts from the International Motorcycle Manufacturer Association*

The text reproduced below was prepared by the experts from the International Motorcycle manufacturer Association (IMMA) in order to improve the readability of GRBP-81-02. The modifications to the UN Regulation are marked in bold for new or strikethrough for deleted characters.

* In accordance with the programme of work of the Inland Transport Committee for 2025 as outlined in proposed programme budget for 2025 (A/79/6 (Sect. 20), table 20.6), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

I. Proposal

In GRBP-81-02, the amendment proposal for Annex 7, Paragraph 2.5 can be replaced by:

Annex 7,

Paragraph 2.5., amend to read:

“2.5. RD-ASEP control range

The requirements of this annex apply to any vehicle operation with the following restrictions:

- (a) $v_{AA'}$ shall be at least 10 km/h
- (b) $v_{BB'}$ shall not exceed 80 km/h for vehicles with $PMR \leq 150$
 $v_{BB'}$ shall not exceed 100 km/h for vehicles with $PMR > 150$
- (c) $n_{AA'}$ shall be ~~at least equal to or greater than~~ $n_{AA',min}$
 $n_{AA',min} = 0,1 * (S - n_{idle}) + n_{idle}$
- (d) $n_{BB'}$ shall ~~not exceed~~ be equal to or less than $n_{BB',max}$

For vehicles tested in locked gears: $n_{BB',max} = 0,8 \times S$

For vehicles tested in non-locked gear ratios: $n_{BB',max} = S$

The values for the RD-ASEP control range shall be seen as absolute values and shall not be increased or lowered by addition or subtraction of the tolerance for v_{test} as indicated in paragraph 3.3.1;”

II. Justification

The way paragraphs 2.5 (c) and (d) of Annex 7 were proposed to be amended in GRBP-81-02 could lead to confusion: $n_{AA'}$ and $n_{BB'}$ will vary during the testing while $n_{AA',min}$ and $n_{BB',max}$ will remain fixed. The proposal is meant to better clarify the relation between the variables $n_{AA'}$ and $n_{BB'}$ and the fixed $n_{AA',min}$ and $n_{BB',max}$ respectively.
