

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATIONS Nos. 41 and 51

Note: The text reproduced below was prepared by the experts from International Organization for Standardization (ISO) upon the request of GRB during its 49th session (ECE/TRANS/WP.29/GRB/47, paras. 5 and 6).

**A. PROPOSAL FOR AMENDMENTS TO REGULATION No. 41
(03 SERIES OF AMENDMENTS)**

Paragraph 6.2.1.1., amend to read (adding the sentence marked in bold):

"6.2.1.1. The noise made by the motor cycle type submitted for approval shall be measured by the two methods described in Annex 3 to this Regulation for the motor cycle in motion and for the motor cycle when stationary. 3/ **In the case of a vehicle where an internal combustion engine does not operate when the vehicle is stationary, or only operates in limited conditions where the vehicle control systems determine the manner of stationary operation, the emitted noise shall only be measured in motion.**"

**B. PROPOSAL FOR AMENDMENTS TO REGULATION No. 51
(02 SERIES OF AMENDMENTS)**

Paragraph 6.2.1.1., amend to read (replacing the text marked as strikethrough by the text in bold):

"6.2.1.1. The noise made by the vehicle type submitted for approval shall be measured by the two methods described in Annex 3 to this Regulation for the vehicle in motion and for the vehicle when stationary 3/; in the case of a vehicle ~~powered by an electric motor~~ **where an internal combustion engine does not operate when the vehicle is stationary, or only operates in limited conditions where the vehicle control systems determine the manner of stationary operation,** the emitted noise shall only be measured in motion.
....."

C. JUSTIFICATION

The purpose of stationary noise testing is to provide a reference value for road authorities or police. Vehicles where an internal combustion engine does not operate at stationary conditions, or operates in a manner that is unpredictable, do not provide the necessary certainty of results to be used for road enforcement. Such vehicles will include, but not be limited to: fuel cell vehicles, vehicles equipped with stop-start systems, hybrid vehicles, plug-in vehicles, and electric vehicles.

With the change to the main body text to clarify the vehicles subject to stationary testing, no change is necessary to the annex specifying the stationary test procedure.