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Current Status of Noise Regulation Review in Japan



Ministry of the Environment, JAPAN

The Expert Committee on Motor Vehicle Noise has been discussing and concludes the review of Motorcycle Noise Regulation and the introduction of Tyre Rolling Noise Regulation. The Expert Committee will report to the Central Environment Council and the Council report will be issued to the Minister of the Environment in April 2012.

- 1. Motorcycle Noise (New Types)
- R41-04 acceleration test method and limit values will be introduced instead of the current acceleration test method and the current limit values
- R41-04 ASEP will be introduced
- Entry-into-force date is by 2014
- Constant Speed Noise Regulation will be abolished

- 2. Tyre Rolling Noise
- •R117-02 tyre rolling noise test method and limit values will be introduced
- Entry-into-force date is still discussed
- 3. Future Works (After April 2012)
- •After the framework of Tyre Rolling Noise Regulation is determined, Entry-into-force date will be determined.
- •Introduction of R51-03 acceleration test method and limit values, as well as the abolishment of 4-wheeler Constant Speed Noise Regulation will be discussed
- •RESS Noise Regulations including acceleration test method and limit values will be reviewed

(Reference)

Framework of Vehicle Noise Regulation

Future Policy for Motor Vehicle Noise Reduction (Inquiry) (By the Minister of the Environment)



Central Environment Council (Noise and Vibration Committee)



Expert Committee on Motor Vehicle Noise (TS: MOE)

Next report will be in April 2012



Noise Regulation Act (controlled by MOE)



Maximum Permissible Levels of Motor Vehicle Noise

- •Full throttle Acceleration Noise: produced when running in urban area
- Constant speed Noise: produced when cruising especially on motorway
- Stationary Noise: produced especially from engine and muffler



Coordinate to make certain the maximum permissible levels

ORoad Vehicle Act (controlled by MLIT)

• Regulation for the safety and environmental protection of motor vehicles



Notice the adoption if the regulation is harmonized.

Periodical Inspection

Vehicle Users

Apply type-approval

Examine the conformity to the regulation and issue type-approval

Auto-Manufacture

