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Consideration of technical regulations to be listed in the Compendium of Candidates for UN GTRs, if any

Request to list in the compendium of candidate Global Technical Regulations (compendium of candidates) the Japan's Durability Driving Enforcement Procedure for two- wheeled vehicles

Submitted by the representative of Japan*

The document reproduced below is submitted by Japan to the Executive Committee (AC.3) for consideration. It is a request to include in the Compendium of Candidates the Durability Driving Enforcement Procedure. In order to be considered by AC.3, this request is accompanied by a copy of the regulations mentioned (see Article 5, paras. 5.2.1., 5.2.1.1. and 5.2.2. of the 1998 Agreement).

* In accordance with the programme of work of the Inland Transport Committee for 2021 as outlined in proposed programme budget for 2021 (A/75/6 (part V sect. 20) para 20.51), 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.



Request to list in the compendium of candidate Global Technical Regulations (compendium of candidates) the Durability Driving Enforcement Procedure

1. Japan requests to include in the Compendium of Candidates the Japan's Durability Driving Enforcement Procedure.

I. Background

2. Based on an inquiry by the Minister for the Environment in Japan on 21 May 1996, successive reports have been made by the Central Environment Council from the interim report (1996) through to the Twelfth Report (2015), to sequentially strengthen regulating of motor vehicle emissions. In the Thirteenth Report on 31 May 2017, the measures to reduce two-wheeled vehicle emission were addressed as one of the key issues.

3. With regard to the durability mileage, it was reported to strengthen the value to the same level as that of Euro5. The application date is set in line with that of Euro5 as well.

4. Based on the Thirteenth Report by the Central Environment Council, Ministry of Land, Infrastructure, Transport and Tourism strengthened the related regulation accordingly.

II. Description of Regulations

5. Outline

(a) Durability Mileage

<i>Vehicle classification</i>	<i>Durability Mileage [km]</i>
Moped ¹⁾	6,000
Class 1 ²⁾ and Class 2 ³⁾	20,000
Class 3 ⁴⁾	35,000

(i) two-wheeled vehicles with an engine displacement of 0.050 liters or less and with a maximum speed of 50 km/h or less

(ii) two-wheeled vehicles with an engine displacement of more than 0.050 liters and less than 0.150 liters and with a maximum speed of more than 50 km/h and less than 100 km/h

(iii) two-wheeled vehicles with an engine displacement of less than 0.150 liters and with a maximum speed of more than 100 km/h and less than 130 km/h

Or

two wheeled vehicles with an engine displacement of more than 0.150 liters and with a maximum speed less than 130 km

(iv) two-wheeled vehicle with a maximum speed of 130 km/h or more

(b) durability test procedures

(i) Actual durability testing with full mileage accumulation

(ii) Deterioration factors for the mathematical durability procedure

III. Related documents

6. "Running requirements for motor vehicles to be submitted to national agency for automobile and land transport technology pursuant to paragraph 1 of article 3 of the type designation regulations for motor vehicles as well as motor vehicles specified by minister of land, infrastructure, transport and tourism and documents specified by minister of land, infrastructure, transport and tourism pursuant to paragraph 4 of the same article"

7. "Enforcement procedure for motor vehicle type certification, Attachment 3: Type approval procedure for mini-sized motor vehicles, etc. exempted from inspection and engines for motor-driven cycles" (Ministry of Land, Infrastructure, Transport and Tourism, of October 20, 2020)

8. "Enforcement procedure for motor vehicle type certification, Additional rule7: Durability driving enforcement procedure" (Ministry of Land, Infrastructure, Transport and Tourism, of October 20, 2020)
