

Partial amendments of “Public Notice that Prescribes Details of
Safety Regulations for Road Transport Vehicle”, and others

June 2018

Road Transport Bureau, MLIT

1. Background to the Amendments

Vehicle Environmental regulations in Japan are prescribed in “Safety Regulation for Road Transport Vehicle” based on article 41 and 44 of “Road Transport Vehicle Act” (1951 Law No.185), and the detail of technical requirements is prescribed in “Public Notice that Prescribes Details of Safety Regulations for Road Transport Vehicle”. To preserve the atmospheric environment, MLIT has adopted the regulation of emissions and been gradually strengthening them based on the condition of air pollution, technological development and trends of other countries’ regulations.

Central Environment Council submitted recommendations on “Future Policy for Vehicle Emission Reduction” as the 13th report in May 2017.

There are summaries below concerning the enhancement of emission gas regulation for all vehicles equipped with cylinder direct injection gasoline engines including stoichiometric direct injection vehicles, and motorcycles with or without sidecars and motor-driven cycles (hereinafter referred to as “two-wheeled vehicle(s)”).

2. Outline of the Amendment

(1) Measures for Fine Particulate Matter Emissions from Gasoline Direct Injection Vehicles

1. It is appropriate to enforce PM emission regulations on all vehicles equipped with cylinder direct injection gasoline engines including stoichiometric direct injection vehicles.
2. The allowable maximum desired values for PM emissions will be set as same as the regulation values for diesel vehicles and lean-burn direct injection vehicles.

(2) Measures to Reduce Two-Wheeled Vehicle Emissions

1. The allowable maximum desired values for emissions will be set as same as the Euro 5 on the test cycle for exhaust pipe emissions while running in test mode.

2. The allowable maximum desired value for idling emissions of CO will be set at the same level as the Euro 5.
3. The allowable maximum desired value for fuel evaporative emissions will be set at the same level as the Euro 5.
4. The regulation on durability mileage will be set at the same level as that of Euro 5.

3. Date of Entry into Force

Regarding amendments to (1) and (2), the date of entry into force are following.
(Public Notice that provides matters necessary for Application of provisions in
Chapter 2 and 3 of Safety Regulation for Road Transport Vehicles (Public Notice of
MLIT No. 1318 on 2003), Article No.28)

- New Type Approval Vehicle : December 2020
- Continuous Production Vehicle: November 2022.