

汽油及石油氣車輛的 廢氣排放測試

Exhaust Emission Test
for Petrol and Liquefied
Petroleum Gas (LPG)
Vehicles





What are the new requirements?

Starting from 1 November 2000, all petrol and liquefied petroleum gas (LPG) vehicles, except motor

cycles, motor tricycles and vehicles manufactured before 1 January 1975, are required to have their exhaust emissions tested during the roadworthiness inspection.^①

Why is it necessary for the emission Test?

Poorly maintained vehicles emit up to 10 times more pollutants. It is a common practice overseas (e.g. in Japan, Singapore, Korea, the United States, the United Kingdom, Sweden, Germany and Denmark) where vehicles exhaust emissions are regularly tested to ensure that the vehicles are maintained properly. Besides, the emission test can tell the effectiveness of the emission system and provide fault diagnosis information of a vehicle.

What are the emission standards?

The test measures the carbon monoxide (CO) and hydrocarbons (HC) concentrations from the exhaust of a motor vehicle at idle and high idle conditions.



The emission standards are set at levels similar to those of the European Union and Japan.

Different emission standards are set to reflect the motor vehicles emission control technology at the time the vehicle was manufactured. All properly maintained vehicles should meet the emission standards without difficulty. The emission standards are set out below.

Exhaust Emission Standards for Petrol and LPG Vehicles

Vehicle type	Date of manufacture	Emission Standards
Petrol vehicles	Before 1 January 1975	Not applicable
	On or after 1 January 1975 to 31 December 1986	carbon monoxide 4.5%
	On or after 1 January 1987 to 31 December 1991	carbon monoxide 3.5%
	On or after 1 January 1992	At low idle carbon monoxide 0.5% At high idle carbon monoxide 0.3% and lambda 1+/- 0.03
LPG vehicles	All	Carbon monoxide 1.0% Hydrocarbons 300 ppm

Do I have to pay for the emission test?

The emission test is part of the roadworthiness inspection. Vehicle owner need not pay any extra fee for the test.

What if my vehicle fails the emission test?

Under the law, vehicle which fails the emission test is considered not roadworthy. The vehicle licence will not be renewed unless the vehicle passes the exhaust emission test.

Helpful Tips

Proper maintenance is required to prevent excessive exhaust emissions. It is a good practice to have your vehicle serviced regularly according to the schedule recommended by the manufacturer. If your vehicle has catalytic converter, you should replace it before the end of its life.

Enquiry

Please call the Environmental Protection Department hotline 3619 6610.



^① The requirement of annual roadworthiness inspection remains unchanged: all petrol private cars aged six years or more, and all commercial vehicles are required to undergo an annual roadworthy inspection.