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**AIR POLLUTION CONTROL (VEHICLE DESIGN STANDARDS)  
(EMISSION) (AMENDMENT) (NO. ) REGULATION 1996**

(Made under section 43 of the Air Pollution Control Ordinance  
(Cap. 311) after consultation with the Advisory Council  
on the Environment)

**1. Commencement**

This Regulation shall come into operation on a day to be appointed by the Secretary for Planning, Environment and Lands by notice in the Gazette.

**2. Vehicle design standards for certain motor vehicles registered on or after 1 April 1995**

Regulation 7A(1) of the Air Pollution Control (Vehicle Design Standards) (Emission) Regulations (Cap. 311 sub. leg.) is amended -

(a) by adding -

"(ca) every goods vehicle, light bus or bus registered on or after 1 April 1995, which is equipped with a compression-ignition engine and which has a design weight of more than 3.5 tonnes but not more than 4 tonnes shall have such engine so constructed that the emission from that goods vehicle, light bus or bus conforms to the standards specified in Part IV(a) or (b) of Schedule 3;"

(b) in paragraph (d) -

- (i) by repealing "3.5" and substituting "4";
- (ii) by repealing "Part IV(a) or (b)" and substituting "Part IV(c) or (d)".

3. Vehicle design standards for smoke emission from motor vehicles

Schedule 1 is amended -

- (a) in column 2 by repealing "40" and substituting "35";
- (b) in column 3 by repealing "1.20" and substituting "1.00".

4. Vehicle design standards (emission) for certain motor vehicles registered on or after 1 January 1992

Schedule 2 is amended -

- (a) in Part I by repealing paragraphs (a), (b) and (c)(i) and substituting -

"(a) hydrocarbons	0.26 grams per kilometre
non-methane hydrocarbons	0.16 grams per kilometre
carbon monoxide	2.10 grams per kilometre
oxides of nitrogen	0.25 grams per kilometre

as measured by the 1975 Federal Test Procedure administered by the Environmental Protection Agency of the United States of America;

(b) hydrocarbons 0.25 grams per kilometre  
 carbon monoxide 2.10 grams per kilometre  
 oxides of nitrogen 0.25 grams per kilometre  
 as measured by the 10.15-mode operation  
 administered by the Ministry of Transport  
 of Japan;

(c) (i) for a vehicle designed to carry no  
 more than 6 passengers including the  
 driver, or its maximum mass of which  
 does not exceed 2 500 kg -  
 hydrocarbons 0.50 grams per kilometre  
 and oxides  
 of nitrogen  
 combined  
 carbon 2.2 grams per kilometre  
 monoxide  
 as measured by the Type I test  
 procedure specified in Council  
 Directive 70/220/EEC as amended by  
 Council Directive 94/12/EEC, both made  
 by the Council;"

(b) in Part II, in column 2 of paragraph (c)(ii) -

- (i) by repealing "1.40" and substituting "1.4";
- (ii) by repealing "1.70" and substituting "1.7";
- (iii) by repealing "6.90" and substituting "6.9";

(c) in Part III -

- (i) by repealing paragraphs (a) and (b) and  
 substituting -

"(a) non-methane 0.16 grams per  
hydro- kilometre  
carbons

carbon 2.10 grams per  
monoxide kilometre

oxides of 0.25 grams per  
nitrogen kilometre

as measured by the 1975 Federal  
Test Procedure Administered by  
the Environmental Protection  
Agency of the United States of  
America;

(b) hydrocarbons 0.25 grams per  
kilometre

carbon 2.10 grams per  
monoxide kilometre

oxides of 0.25 grams per  
nitrogen kilometre

as measured by the 10.15-mode  
operation administered by the  
Ministry of Transport of Japan;"

(ii) in column 2 of paragraph (c) by repealing  
"1.40" and substituting "1.4";

(d) in Part IV, in column 2 of paragraph (c) by repealing  
"1.40" and substituting "1.4";

(e) in Part V -

(i) by repealing paragraphs (a) and (b) and  
substituting -

"(a) non-methane 0.20 grams per  
hydro- kilometre  
carbons

carbon 2.73 grams per  
monoxide kilometre

oxides of 0.43 grams per  
nitrogen kilometre

as measured by the 1975 Federal  
Test Procedure administered by  
the Environmental Protection  
Agency of the United States of  
America;

(b) hydrocarbons 2.10 grams per  
kilometre

carbon 13.0 grams per  
monoxide kilometre

oxides of 0.70 grams per  
nitrogen kilometre

as measured by the 10.15-mode  
operation administered by the  
Ministry of Transport of Japan;"

(ii) in column 2 of paragraph (c) -

(A) by repealing "1.40" and substituting  
"1.4";

(B) by repealing "1.70" and substituting  
"1.7";

(C) by repealing "6.90" and substituting  
"6.9";

(f) in Part VI, in column 2 of paragraph (c) -

- (i) by repealing "1.40" and substituting "1.4";
- (ii) by repealing "1.70" and substituting "1.7";
- (iii) by repealing "6.90" and substituting "6.9".

5. Vehicles design standards (emission)  
certain motor vehicles registered on  
or after 1 April 1995

Schedule 3 is amended -

(a) in Part I -

(i) by repealing paragraphs (a) and (b) and  
substituting -

"(a) non-methane	0.24 grams per
hydro-	kilometre
carbons	

carbon	3.11 grams per
monoxide	kilometre

oxides of	0.68 grams per
nitrogen	kilometre

as measured by the 1975 Federal  
Test Procedure administered by  
the Environmental Protection  
Agency of the United States of  
America;

(b) hydrocarbons	6.20 grams per
	kilowatt-hour

carbon	102 grams per
monoxide	kilowatt-hour

oxides of	5.50 grams per
nitrogen	kilowatt-hour

as measured by the 13-mode operation for petrol-powered motor vehicles administered by the Ministry of Transport of Japan;"

- (ii) in column 2 of paragraph (c) -
  - (A) by repealing "1.40" and substituting "1.4";
  - (B) by repealing "1.70" and substituting "1.7";
  - (C) by repealing "6.90" and substituting "6.9";
- (b) in Part II, in column 2 of paragraph (b) -
  - (i) by repealing "1.40" and substituting "1.4";
  - (ii) by repealing "1.70" and substituting "1.7";
  - (iii) by repealing "6.90" and substituting "6.9";
- (c) in Part III -
  - (i) in column 2 of paragraph (a) -
    - (A) by repealing "49.70" and substituting "49.7";
    - (B) by repealing "6.70" and substituting "6.7";
  - (ii) by repealing paragraph (b) and substituting
 

(b) hydrocarbons	6.20 grams per	
		kilowatt-hour
carbon	102 grams per	
monoxide		kilowatt-hour
oxides of	5.50 grams per	
nitrogen		kilowatt-hour

as measured by the 13-mode operation for petrol-powered motor vehicles administered by the Ministry of Transport of Japan.";

(d) in Part IV -

- (i) in paragraph (a), by deleting "20.80" and substituting "20.8";
- (ii) in paragraph (b), by deleting "1.10", "4.50" and "8.00" and substituting, respectively, "1.1", "4.5" and "8.0";
- (iii) by adding -

"(c)	hydrocarbons	1.74 grams per	
			kilowatt-hour
	carbon	20.8 grams per	
	monoxide		kilowatt-hour
	oxides of	6.7 grams per	
	nitrogen		kilowatt-hour
	particulate	0.13 grams per	
	emissions		kilowatt-hour

as measured by the Transient Test Procedure for heavy duty diesel engines administered by the Environmental Protection Agency of the United States of America;



(d) hydrocarbons 1.1 grams per  
kilowatt-hour  
carbon 4.0 grams per  
monoxide kilowatt-hour  
oxides of 7.0 grams per  
nitrogen kilowatt-hour  
particulate  
emissions  
- for engines 0.25 grams per  
having a kilowatt-hour  
swept volume  
per cylinder  
of less than  
700 cubic  
centimetres  
and rated  
power speed  
of engine  
higher than  
3 000  
revolutions  
per minute

- for engines 0.15 grams per  
having a kilowatt-hour".  
swept volume  
per cylinder  
equal to or  
more than  
700 cubic  
centimetres  
or rated  
power speed  
of engine  
less than  
or equal  
to 3 000  
revolutions  
per minute

as measured by the test procedure  
for diesel engines which are for  
use in vehicles specified in  
Council Directive 88/77/EEC as  
amended by Council Directive  
91/542/EEC, both made by the  
Council.

Secretary for Planning,  
Environment and Lands.

Explanatory Note

This Regulation amends regulation 7A of and the Schedules to the Air Pollution Control (Vehicle Design Standards) (Emission) Regulations (Cap. 311 sub. leg.) (in which are contained standards relating to emission from vehicles) to specify more stringent standards, for levels of emission, to be conformed by vehicles.