

L.N. 15 of 2002

Air Pollution Control (Motor Vehicle Fuel) (Amendment) Regulation 2002

(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 1 April 2002.

2. Interpretation

Section 2 of the Air Pollution Control (Motor Vehicle Fuel) Regulation (Cap. 311 sub. leg.) is amended---

(a) in the definition of "cetane number", by repealing everything after "procedure" and substituting "of the International Organization for Standardization commonly known as ISO 5165;"

(b) in the definition of "motor octane number", by repealing everything after "procedure" and substituting "of the European Standards commonly known as EN 25163;"

(c) in the definition of "research octane number", by repealing everything after "procedure" and substituting "of the European Standards commonly known as EN 25164;"

3. Schedule 1 substituted

Schedule 1 is repealed and the following substituted---

"SCHEDULE 1 [s. 2]

Specifications of Motor Vehicle Diesel

Any motor vehicle diesel shall---

(a) contain not more than 0.005% by weight of sulphur as determined by ISO 14596;

(b) have a cetane number of not lower than 51.0 as determined by ISO 5165;

(c) have a viscosity at 40°C of not lower than 2.00 mm<sup>2</sup>/s and not higher than 4.50 mm<sup>2</sup>/s as determined by ISO 3104;

(d) contain not more than 11% by mass of polycyclic aromatic hydrocarbons as determined by IP 391;

(e) have a 95% distillation temperature of not higher than 345°C as determined by ISO 3405;

(f) have a distillation percentage recovered at 250°C of not higher than 65% by volume as determined by ISO 3405; and

(g) have a density at 15°C of not higher than 0.835 kg/L as determined by ISO 3675.

Note: In this Schedule---

"IP" followed by a numerical symbol ("IP number") means the test procedures of the Institute of Petroleum commonly known by that IP number;

"ISO" followed by a numerical symbol ("ISO number") means the test procedures of the

International Organization for Standardization commonly known by that ISO number; "viscosity" means the viscosity of diesel as determined by ISO 3104."

#### 4. Specifications of unleaded petrol

Schedule 2 is amended---

- (a) in paragraph (c), by repealing "less" and substituting "lower";
- (b) in paragraph (d), by repealing "less" and substituting "lower";
- (c) in paragraph (i)(i), by repealing "stablizing" and substituting "stabilizing";
- (d) in paragraph (q), by repealing "的情況下" and substituting "時";
- (e) in paragraph (r), by repealing "的情況下" and substituting "時";
- (f) in the Note, by repealing "Standards Organization" and substituting "Organization for Standardization".

Mrs. Lily YAM

Secretary for the Environment  
and Food

23 January 2002

Explanatory Note

This Regulation---

- (a) amends section 2 of the Air Pollution Control (Motor Vehicle Fuel) Regulation (Cap. 311 sub. leg.) ("the Regulation") to achieve internal consistency;
- (b) repeals and replaces Schedule 1 to the Regulation in order to provide for more stringent standards on the specifications to be complied with by motor vehicle diesel;
- (c) makes amendments of a minor nature to Schedule 2 to the Regulation. Those amendments are mainly to achieve internal consistency in terminology, to reflect the proper full name of the International Organization for Standardization and to rectify a clerical error.