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GOVERNMENT NOTICE

DEPARTMENT OF ENERGY

No. R. 421

30 May 2012

PETROLEUM PRODUCTS ACT, 1977

The Minister of Energy has under sections 2(1)(a) and 12C(1)(a)(vi), (e) and (f) of the Petroleum Products Act, 1977 (Act No. 120 of 1977) made the Regulations in the Schedule.

SCHEDULE**AMENDMENT OF REGULATIONS REGARDING PETROLEUM PRODUCTS SPECIFICATIONS AND STANDARDS****Definitions**

1. In these regulations "the Regulations" means the regulations published under Government Notice No. R. 627 of 23 June 2006.

Amendment of Regulation 1 of the Regulations

2. Regulation 1 of the Regulations is hereby amended-

(a) by the deletion of the definitions of "LRP"; "metal-containing unleaded petrol"; and "metal-free unleaded petrol";

(b) by the insertion after the definition of "label" of the following definition:

"**lead replacement petrol**" means petrol containing metal based additives, other than lead, but including phosphorus with a RON of 93 or 95;"; and

(c) by the insertion after the definition of **“the Act”** of the following definition:

““unleaded petrol” means petrol that does not contain any metal based additives, with a RON of 93 or 95;”.

Amendment of Regulation 3 of the Regulations

3. Regulation 3 of the Regulations is hereby amended by-

(1) (a) the substitution in subregulation (1) for paragraphs (a) to (d) of the following paragraphs:

- (a) unleaded petrol with a minimum RON of 93;
- (b) unleaded petrol with a minimum RON of 95;
- (c) lead replacement petrol with a minimum RON of 93;
- (d) lead replacement petrol with a minimum RON of 95;”;

and

(b) the deletion of paragraphs (e) and (f).

(2) the substitution for subregulation (2) of the following subregulation:

“(2) Permitted unleaded petrol grades must conform to the South African National Standard, Unleaded petrol, SANS 1598, and –

- (a) the minimum RON rating must be 93 or 95, as the case may be;
 - (b) the maximum permitted traces of lead as contamination must not exceed 13 milligrams per litre;
 - (c) the maximum permitted content of aromatics is 35% v/v;
 - (d) the maximum permitted benzene content is 1% v/v;
 - (e) the maximum permitted sulphur content is 10 mg/kg;
- and

- (3) the substitution for subregulation (3) of the following subregulation:
- “(3) Metal-based additives, including phosphorus-based additives must only be used in lead replacement petrol.”.
- (4) the substitution for subregulation (4) of the following subregulation:
- “(4) Permitted lead replacement petrol must conform to the South African National Standard, SANS 1598, and-
- (a) the minimum RON rating must be 93 or 95, as the case may be;
 - (b) the maximum permitted traces of lead as contamination must not exceed 13 milligrams per litre;
 - (c) manganese-based additives must not exceed 36 milligrams per litre;
 - (d) potassium-based additives must not exceed 10 milligrams per litre;
 - (e) phosphorous-based additives must not exceed 14 milligrams per litre;
 - (f) only one of the additives referred to in paragraphs (c), (d) and (e) may be added to such petrol;
 - (g) the maximum permitted content of aromatics is 35% v/v;
 - (h) the maximum permitted benzene content is 1%v/v; and
 - (i) the maximum permitted sulphur content is 10 mg/kg”.

Amendment of Regulation 5 of the Regulations

4. Regulation 5 of the Regulations is hereby amended by the substitution for subregulation (1) of the following subregulation:

“(1) Diesel grades that may be sold to an end-consumer in the Republic shall-

- (a) be low-sulphur grade diesel which must conform to South African National Standard, Automotive diesel fuel, SANS 342, and must conform with the following standards:
 - (i) The sulphur content of such diesel may not exceed 10 mg/kg; and
 - (ii) not more than 5% v/v biodiesel is blended;
- (b) be low-sulphur grade B10 diesel, which must conform to South African National Standard, Automotive diesel fuel, SANS 342, except in respect of maximum biodiesel content, and must conform to the following standards:
 - (i) The sulphur content of such diesel may not exceed 10 mg/kg; and
 - (ii) such diesel may be blended with not more than 10% v/v biodiesel;
- (c) be low-sulphur grade B20 diesel, which must conform to South African National Standard, Automotive diesel fuel, SANS 342, except in respect of maximum biodiesel content, and must conform with the following standards:

- (i) The sulphur content of such diesel may not exceed 10 mg/kg; and
 - (ii) such diesel may be blended with not more than 20% v/v biodiesel;
- (d) be low-sulphur grade B30 diesel, which must conform to South African National Standard, Automotive diesel fuel, SANS 342, except in respect of maximum biodiesel content, and must conform with the following standards:
 - (i) The sulphur content of such diesel may not exceed 10 mg/kg; and
 - (ii) such diesel may be blended with not more than 30% v/v biodiesel;
- (e) be low-sulphur grade B50 diesel, which must conform to South African National Standard, Automotive diesel fuel, SANS 342, except in respect of maximum biodiesel content, and must conform with the following standards:
 - (i) The sulphur content of such diesel may not exceed 10 mg/kg; and
 - (ii) such diesel may be blended with not more than 50% v/v biodiesel.”.

Amendment of Regulation 6 of the Regulations

5. Regulation 6 of the Regulations is hereby amended by the deletion of subregulation (5).

Amendment of Regulation 8 of the Regulations

6. Regulation 8 of the Regulations is hereby amended by –

(a) the substitution for subregulation (4) of the following subregulation:

"(4) The label on the bowser dispensing-

(a) unleaded petrol grade must be labelled with white lettering and numbering on a green background and must, as appropriate for the grade of petrol dispensed from that bowser, only contain the words and numbers -

(i) "95 Unleaded" for petrol grade RON 95;

(ii) "93 Unleaded" for petrol grade RON 93;

(b) lead replacement petrol grade must be labelled with white lettering and numbering on a green background, and must, as appropriate for the grade of petrol dispensed from that bowser, only contain the words and numbers -

(i) "95 lead replacement," for petrol grade RON 95;

(ii) "93 lead replacement" for petrol grade RON 93; and

(c) diesel must be labelled with white lettering and numbering on a black background, and must, as appropriate for the grade of diesel dispensed from that bowser, contain only the words, except in the case of diesel blended with more than 5% biodiesel-

(i) "Low-Sulphur diesel 10ppm" for low sulphur grade diesel; or

(ii) "Biodiesel B100" for 100% biodiesel."; and

(b) the deletion of subregulation (6).

Commencement

7. These Regulations shall come into operation on 1 July 2017.