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DEPARTMENT OF ENERGY**NO. R. 684****03 JUNE 2016****PETROLEUM PRODUCTS ACT, 1977 (ACT NO.120 OF 1997)****REQUEST FOR COMMENTS: DRAFT AMENDMENT OF REGULATIONS REGARDING
PETROLEUM PRODUCTS SPECIFICATION AND STANDARDS**

I, Tina Joemat-Pettersson, Minister of Energy, in terms of section 12C(2), read with sections 2(1)(a)(i) and 12C(1)(e) and (f) of the Petroleum Products Act, 1977 (Act No. 120 of 1977), hereby publish for public comment the draft Regulations in the Schedule.

Interested persons and organisations are invited to submit comments in writing on the proposed regulations, for the Attention of Vania Mahotas to the following address:

The Director-General
Department of Energy
Private Bag X96
Pretoria 0001

Or

Hand deliver to:

Matimba House
192 Visagie Street
Corner Paul Kruger & Visagie Street
Pretoria

Comments may also be send via email to Vania Mahotas at petroleumregscomments@energy.gov.za.

Kindly provide the name, address, telephone number, fax number and email address of the person or organisation submitting the comments. Comments on the draft regulations must be submitted no later than two months from the date of publication of this Notice. Comments received after the closing date may not be considered.



TINA JOEMAT- PETTERSSON, MP
Minister of Energy

SCHEDULE

[] Words in bold type in square brackets indicate omissions from existing enactments.

_____ Words underlined with a solid line indicate insertions in existing enactments.

Definitions

1. In this Schedule the “Regulations” means the Regulations Regarding Petroleum Products Specifications and Standards published under Government Notice No. R. 627 of 23 June 2006, as amended by Government Notice No. R. 431 of 1 June 2012.

Amendment of regulation 1 of Regulations

2. Regulation 1 of the Regulations is hereby amended by—
 - (a) 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”;
 - (b) the deletion of the definitions of “**LRP**”; “**metal-containing unleaded petrol**”; and “**metal-free unleaded petrol**”;
 - (c) the substitution for the definition of “**SANS**” of the following definition:

“**SANS**” means the South African National Standard [**issued**] approved by [**Standards South Africa, a division of**] the South African Bureau of Standards, in terms of the Standards Act, [**1993 (Act 29 of 1993)**] 2008 (Act No. 8 of 2008);

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

“**unleaded petrol**’ means petrol that does not contain any metal based additives, but including or excluding manganese with a RON of 93 or 95;”.

Amendment of regulation 3 of Regulations

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

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

“(a) **[metal-free]** unleaded petrol with a minimum RON of **[91]**93;

(b) **[metal-free]** unleaded petrol with a minimum RON of **[93]**95;

(c) **[metal-free unleaded]** lead replacement petrol with a minimum RON of **[95]**93; and

(d) **[metal-containing unleaded]** lead replacement petrol with a minimum RON of **[91]**95”;

(b) the deletion in subregulation (1) of paragraphs “(e)” and “(f)”;

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

“(2) Permitted unleaded petrol grades 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 5 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 olefins content is 18% v/v; and

- (f) the maximum permitted sulphur content is 10 mg/kg.”;
- (d) the insertion after subregulation (2) of the following subregulation:
- “(2A) The manganese based additives in permitted unleaded petrol grades must not exceed 18 milligrams per litre”;
- (e) the substitution for subregulation (3) of the following subregulation:
- “(3) Metal-based additives, including phosphorus-based additives, must only be used in [metal-containing unleaded] lead replacement petrol.”; and
- (f) 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 5 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;
 - (i) the maximum permitted olefins content is 18% v/v; and
 - (j) the maximum permitted sulphur content is 10 mg/kg.”.

Amendment of regulation 5 of 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 must—

(a) be low-sulphur grade diesel which must conform to South African National Standard, 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, 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, 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, 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, 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 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 deletion of subregulation (4);
 - (b) the substitution for subregulation (5) of the following subregulation:

“(5) In the case of diesel blended with more than 5% but less than 100% biodiesel, additional words and numbers “BX” must be added after the number and

words contemplated in subregulation **[(4)(c)](2)(b)**, where “X” will be 10, 20, 30 or 50, as the case may be.”; and

(c) the deletion of subregulation (6).

Repeal

7. The Amendment of Regulations Regarding Petroleum Products Specifications and Standards published under Government Notice No. R. 431 of 1 June 2012 is hereby repealed.

Commencement

8. These Regulations commence on a date to be determined by the Minister by notice in the *Gazette*, save for regulations 3(2A) and 8(5) as amended by these Regulations, which shall come into effect upon publication.