

**NOTICE 551 OF 2015****DEPARTMENT OF ENVIRONMENTAL AFFAIRS****NATIONAL ENVIRONMENTAL MANAGEMENT: AIR QUALITY ACT, 2004  
(ACT NO. 39 OF 2004)****AMENDEMENTS TO THE LIST OF ACTIVITIES WHICH RESULT IN ATMOSPHERIC EMISSION  
WHICH HAVE OR MAY HAVE A SIGNIFICANT DETRIMENTAL EFFECT ON THE ENVIRONMENT,  
INCLUDING HEALTH, SOCIAL CONDITIONS, ECONOMIC CONDITIONS, ECOLOGICAL  
CONDITIONS OR CULTURAL HERITAGE**

I, Bomo Edith Edna Molewa, Minister of Environmental Affairs, hereby amend the list of activities which result in atmospheric emissions which have or may have a significant detrimental effect on the environment, including health, social conditions, economic conditions, ecological conditions or cultural heritage published under Government Notice No. 893, Gazette No. 37054 dated 22 November 2013, in terms of Section 21(1) (b) of the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004), set out in the Schedule hereto.



**BOMO EDITH EDNA MOLEWA  
MINISTER OF ENVIRONMENTAL AFFAIRS**

## SCHEDULE

### Definition

1. In this list "the List" means the List of Activities Which Result in Atmospheric Emissions Which Have or May Have a Significant Detrimental Effect on the Environment, Including Health, Social Conditions, Economic Conditions, Ecological Conditions or Cultural Heritage, published under Government Notice No. 893 of 22 November 2013.

### Amendment of Category 1 of the List

2. Category 1 of the List is hereby amended—

- (a) by the addition to paragraph (a) of subcategory 1.1 of the following subparagraph:

"(iii) Additional requirements under subcategory 1.6 shall continue to apply even after the waste ceases to be waste in terms of section 1 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008), as amended by the National Environmental Management: Waste Amendment Act, 2014 (Act No. 26 of 2014).";

- (b) by the addition to paragraph (a) of subcategory 1.2 of the following subparagraph:

"(iv) Additional requirements under subcategory 1.6 shall continue to apply even after the waste ceases to be waste in terms of section 1 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008), as amended by the National Environmental Management: Waste Amendment Act, 2014 (Act No. 26 of 2014).";

- (c) by the addition to paragraph (a) of subcategory 1.3 of the following subparagraph:

"(iii) Additional requirements under subcategory 1.6 shall continue to apply even after the waste ceases to be waste in terms of section 1 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008), as amended by the National Environmental Management: Waste Amendment Act, 2014 (Act No. 26 of 2014)."; and

- (d) by the addition to paragraph (a) of subcategory 1.4 of the following subparagraph:

“(iii) Additional requirements under subcategory 1.6 shall continue to apply even after the waste ceases to be waste in terms of section 1 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008), as amended by the National Environmental Management: Waste Amendment Act, 2014 (Act No. 26 of 2014).”.

### Amendment of Category 2 of the List

3. Category 2 of the List is hereby amended—

- (a) by the substitution for subcategory 2.1 of the following subcategory:

(1) *Subcategory 2.1 Combustion Installations*

<b>Description:</b>	Combustion installations including furnaces; heaters; and boilers with a design capacity equal to or greater than 50 MW heat input.		
<b>Application:</b>	All refinery furnaces; heaters; and boilers with a design capacity equal to or greater than 50 MW heat input.		
Substance or mixture of substances		Plant status	mg/Nm <sup>3</sup> under normal conditions of 10% O <sub>2</sub> (15% O <sub>2</sub> for gas turbines), 273 Kelvin and 101.3 kPa.
Common name	Chemical symbol		
Particulate matter	N/A	New	70
		Existing	120
Oxides of nitrogen	NO <sub>x</sub> expressed as NO <sub>2</sub>	New	400
		Existing	1700
Sulphur dioxide	SO <sub>2</sub>	New	1000
		Existing	1700

- (a) The following special arrangements shall apply –
- i) No continuous flaring of hydrogen sulphide-rich gases shall be allowed.
  - ii) A bubble cap of all Combustion Installations and Catalytic Cracking Units shall be at 1.2 Kg SO<sub>2</sub>/ ton for existing plants.
  - iii) A bubble cap of all Combustion Installations and Catalytic Cracking Units shall be at 0.4 Kg SO<sub>2</sub>/ ton for new plants.

### Amendment of Category 3 of the List

3. Category 3 of the List is hereby amended—

(a) by the addition to paragraph (a) of subcategory 3.1. of the following subparagraph:

“(iii) Additional requirements under subcategory 1.6 shall continue to apply even after the waste ceases to be waste in terms of section 1 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008), as amended by the National Environmental Management: Waste Amendment Act, 2014 (Act No. 26 of 2014).”; and

(b) by the substitution for subcategory 3.4 of the following subcategory:

(4) *Subcategory 3.4 Char, Charcoal and Carbon Black Production*

<b>Description:</b>	Production of char, charcoal and the production and use of carbon black.		
<b>Application:</b>	All installations producing more than 20 tons of char or charcoal per month. Installations consuming more than 20 tons per month of carbon black in any processes.		
Substance or mixture of substances		Plant status	Mg/Nm <sup>3</sup> under normal conditions of 273 Kelvin and 101.3 kPa.
Common name	Chemical symbol		
Particulate matter	N/A	New	50
		Existing	100
Polycyclic Aromatic Hydrocarbons	PAH	New	0.1
		Existing	0.5

**Amendment of Category 4 of the List**

4. Category 4 of the List is hereby amended -

(a) by the addition to paragraph (a) of subcategory 4.2. of the following subparagraph:

"(iii) Additional requirements under subcategory 1.6 shall continue to apply even after the waste ceases to be waste in terms of section 1 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008), as amended by the National Environmental Management: Waste Amendment Act, 2014 (Act No. 26 of 2014)"; and

(b) by the substitution for subcategory 4.3 of the following subcategory:

(3) *Subcategory 4.3: Primary Aluminium Production*

<b>Description:</b>	Primary aluminium production.		
<b>Application:</b>	All installations.		
<b>Substance or mixture of substances</b>		<b>Plant status</b>	<b>Mg/Nm<sup>3</sup> under normal conditions of 273 Kelvin and 101.3 kPa.</b>
<b>Common name</b>	<b>Chemical symbol</b>		
Particulate matter	N/A	New	50
		Existing	100
Sulphur dioxide	SO <sub>2</sub>	Reduction Process (New)	250
		Reduction Process (Existing)	250
		Carbon Process (New)	500
		Carbon Process (Existing)	500
Total volatile organic compounds	N/A	New	40
		Existing	40
Total fluorides measured as Hydrogen fluoride	F as HF	New	0.5
		Existing	1

### Amendment of Category 5 of the List

5. Category 5 of the List is hereby amended by-

(a) the substitution for subcategory 5.3 of the following subcategory:

#### *Subcategory 5.3: Clamp Kilns for Brick Production*

<b>Description:</b>		The production of bricks using clamp kilns.	
<b>Application:</b>		All installations producing more than 100 000 bricks per month.	
<b>Substance or mixture of substances</b>		<b>Plant status</b>	<b>mg/Nm<sup>3</sup> under normal conditions of 273 Kelvin and 101.3 kPa.</b>
<b>Common name</b>	<b>Chemical symbol</b>		
Dust fall	N/A	New	a
		Existing	a
Sulphur dioxide	SO <sub>2</sub>	New	b
		Existing	b
<sup>a</sup> three months running average not to exceed limit value for adjacent land use according to dust control regulations promulgated in terms of section 32 of the NEM: AQA, 2004 (Act No. 39 of 2004), in eight principal wind directions.			
<sup>b</sup> Twelve months running average not to exceed limit value as per GN 1210 of 24 December 2009. Passive diffusive measurement approved by the licensing authority carried out monthly.			

(a) by the addition to paragraph (a) of subcategory 5.3 of the following subparagraph:

“(ii) Additional requirements under subcategory 1.6 shall continue to apply even after the waste ceases to be waste in terms of section 1 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008), as amended by the National Environmental Management: Waste Amendment Act, 2014 (Act No. 26 of 2014)”