

Rwanda

Ministerial Order preventing Activities that Pollute the Atmosphere

Ministerial Order 3-MO16 of 2010

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Published in Official Gazette 35 on 30 August 2010

Assented to on 15 July 2010

Commenced on 30 August 2010

[This is the version of this document from 30 August 2010.]

The Minister of Environment and Lands;

Pursuant to the Constitution of the Republic of Rwanda of 04 June 2003 as amended to date, especially in Articles 49, 120, 121 and 201;

Pursuant to Organic Law n° 04/2005 of 8/4/2005 determining the modalities of protection, conservation and promotion of environment in Rwanda, especially in Articles 3 and 26;

After consideration and approval by the Cabinet, in its session of 01/04/2010;

HEREBY ORDERS:

Chapter One

General provisions

Article One – Purpose of this Order

This Order prevents activities that can pollute the atmosphere.

Article 2 – Activities that pollute the atmosphere

All activities that give rise to chemical pollutants listed in the annex to this Order shall be controlled in such a way that the pollutants do not exceed the prescribed quantity limits.

The list of these pollutants can be updated on the basis of research advancement or whenever it is deemed necessary.

Chapter II

Modalities of preventing air pollution

Article 3 – Open burning of substances

Open burning of any substance is prohibited, except as provided below:

- 1° campfires and other fires used solely for recreational purposes and ceremonial occasions. The wood used shall be clean and not coated by any coating material such as paint or glue;
- 2° fires purposely set for agricultural control of disease and pests;
- 3° open air, kitchen fires for cooking meals.

Article 4 – Exhaust fumes Emissions

Exhaust fumes of vehicles shall be included in the annual road worthiness test for vehicles.

The traffic police shall carry out road worthiness tests on vehicles and if need be ban further use of a smoking vehicle until it has been properly repaired.

Article 5 – Dark smoke from factories and industries

It is prohibited for industries to emit dark smoke from their chimneys into the air.

Article 6 – Suspension and closure of polluting activities

In case of non compliance of industries with the air pollution standard regulations, the Rwanda Environment Management Authority shall suspend their activities for thirty (30) days. Failure to comply with the air pollution standards within 30 days, that institution shall definitely close down the said activities.

Article 7 – Transitional period

Owners of industries and vehicles shall comply with this Order within three months (3) period from the date of publication in the Official *Gazette* of the Republic of Rwanda of this Order.

Article 8 – Repealing provision

All prior provisions contrary to this Order are hereby repealed.

Article 9 – Commencement

This Order shall come into force on the date of its publication in the Official *Gazette* of the Republic of Rwanda.

Annex

Ambient air quality tolerance limits

	Pollutant	Time weighted Average	Industrial area	Residential, rural & other area	Controlled areas
1.	Sulphur oxides (SOX);	Annual Average*	80 g/m ³	60 g/m ³	15 g/m ³
		24 hours**	125 g/m ³	80 g/m ³	30 g/m ³
		Annual Average		0.019 ppm/50g/m ³	
		Month Average			
		24 Hours		0.048ppm/125g/m ³	
		One Hour			
		Instant Peak		500 g/m ³	
		Instant peak (10 min)		0.191 ppm	
2.	Oxides of Nitrogen (NOX);	Annual Average*	80 g/m ³	60 g/m ³	15 g/m ³
		24 hours**	150 g/m ³	80 g/m ³	30 g/m ³
		8 hours			
		Annual Average		0.2 ppm	
		Month Average		0.3 ppm	

		24 Hours		0.4 ppm	
		One Hour		0.8 ppm	
		Instant Peak		1.4 ppm	
3.	Nitrogen Dioxide	Annual Average	150 g/m ³	0.05 ppm	
		Month Average		0.08 ppm	
		24 Hours	100 g/m ³	0.1 ppm	
		One Hour		0.2 ppm	
		Instant Peak		0.5 ppm	
4.	Suspended particulate matter (SPM)	Annual Average*	360 g/m ³	140 g/m ³	70 g/m ³
		24 hours**	500 g/m ³	200 g/m ³	100 g/m ³
		mg/Kg			
		Annual Average****		100 g/m ³	
		24 hours***		180 g/m ³	
5.	Respirable particulate matter (<10m)	Annual Average*	70 g/m ³	50 g/m ³	50 g/m ³
	(RPM)				
		24 hours**	150g/Nm ³	100 g/Nm ³	75 g/Nm ³
6.	PM2.5	Annual Average	35 g/m ³		
		24 hours	75 g/m ³		

7.	Lead (Pb)	Annual Average*	1.0g/Nm ³	0.75 g/Nm ³	0.50 g/m ³
		24 hours**	1.5 g/m ³	1.00 g/m ³	0.75 g/m ³
		Month Average		2.5	
8.	Carbon monoxide (CO)/ carbon dioxide (CO ₂)	8 hours**	5.0 mg/m ³	2.0 mg/m ³	1.0 mg/m ³
		1 hour	10.0 mg/m ³	4.0 mg/m ³	2.0 mg/m ³
		mg/Kg			
		24 hours**			
9.	Non-methane hydrocarbons				
		instant Peak	700ppb		
10.	Total VOC	6 mg/m ³			
11.	Ozone	1-Hour	200 g/m ³	0.12 ppm	
		8 hour (instant Peak)	120 g/m ³	1.25 ppm	