

NOTICE 515 OF 2011**DEPARTMENT OF ENVIRONMENTAL AFFAIRS****NATIONAL ENVIRONMENTAL MANAGEMENT: AIR QUALITY ACT, 2004
(ACT NO. 39 OF 2004)****PROPOSED NATIONAL AMBIENT AIR QUALITY STANDARD FOR PARTICULATE MATTER OF
AERODYNAMIC DIAMETER LESS THAN 2.5 MICRON METRES**

I, Bomo Edith Edna Molewa, Minister of Water and Environmental Affairs, hereby give notice in terms of section 57(1)(a) of the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004), of my intention to establish under section 9(1) of the Act the proposed national ambient air quality standard for particulate matter of aerodynamic diameter less than 2.5 micron metre (PM_{2.5}). The proposed national ambient air quality standard is set out in the Schedule hereto.

Members of the public are invited to submit to the Minister, within 30 days of publication of this notice in the *Gazette*, written representations on or objections to the proposed national ambient air quality standard to the following addresses:

By post to: The Director-General: Department of Environmental Affairs
Attention: Mr Olebogeng Matshediso
Private Bag X447
Pretoria, 0001

By fax to: (012) 320-0488, and by e-mail to omatshediso@environment.gov.za

Any inquiries in connection with the draft national ambient air quality standard can be directed to Dr Thulie Mdluli at (012) 310-3436 or Mr Olebogeng Matshediso at (012) 310-3102.

Comments received after the closing date may not be considered.



BOMO EDITH EDNA MOLEWA

MINISTER OF WATER AND ENVIRONMENTAL AFFAIRS

SCHEDULE

1. DEFINITIONS

“**averaging period**” means a period over which an average value is determined.

“**compliance date**” means the date on which compliance with the standard is required.

“**frequency of exceedence**” means a frequency (number/time) related to a limit value representing the tolerated exceedence of that limit value, i.e. if exceedences of limit value are within the tolerances, then there is still compliance with the standard.

2. GENERAL

2.1 Reference conditions

Concentrations shall be expressed at a standardised temperature of 25 °C and a pressure of 101, 3 kPa.

2.2 Reference methods

Where test methods are specified, any other method which can be demonstrated to give equivalent results may be used.

2.3 Ambient air quality measurement requirements

Assessment of all ambient pollutant concentrations shall be conducted in terms of section 5.2.1.3 of the National Framework for Air Quality Management in the Republic of South Africa.

3. NATIONAL AMBIENT AIR QUALITY STANDARD FOR PARTICULATE MATTER (PM_{2.5})

Averaging Period	Concentration	Frequency of Exceedence	Compliance Date
24 hours	65 µg/m ³	0	Immediate- 31 December 2015
24 hours	40 µg/m ³	0	1 January 2016- 31 December 2029
24 hours	25 µg/m ³	0	1 January 2030
1 year	25 µg/m ³	0	Immediate- 31 December 2015
1 year	20 µg/m ³	0	1 January 2016- 31 December 2029
1 year	15 µg/m ³	0	1 January 2030
The reference method for the determination of PM _{2.5} fraction of suspended particulate matter shall be EN 14907			