



Environmental Protection Act 1994

Environmental Protection (Air) Policy 2008

Reprinted as in force on 1 January 2009

Reprint No. 1 revised edition

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Information about this reprint

This policy is reprinted as at 1 January 2009.

This page is specific to this reprint. A table of reprints is included in the endnotes.

Also see endnotes for information about when provisions commenced.

Spelling

The spelling of certain words or phrases may be inconsistent with other reprints because of changes made in various editions of the Macquarie Dictionary (for example, in the dictionary, 'lodgement' has replaced 'lodgment').

Dates shown on reprints

Reprints dated at last amendment All reprints produced on or after 1 July 2002, authorised (that is, hard copy) and unauthorised (that is, electronic), are dated as at the last date of amendment. Previously reprints were dated as at the date of publication. If an authorised reprint is dated earlier than an unauthorised version published before 1 July 2002, it means the legislation was not further amended and the reprint date is the commencement of the last amendment.

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Replacement reprint date If the date of an authorised reprint is the same as the date shown on another authorised reprint it means that one is the replacement of the other.

Revised edition indicates further material has affected existing material. For example—

- a correction
- a retrospective provision
- other relevant information.



Queensland

Environmental Protection (Air) Policy 2008

Contents

		Page
Part 1	Preliminary	
1	Short title	3
2	Commencement	3
3	Definitions	3
Part 2	Application and purpose of policy	
4	Application of policy	3
5	Purpose of policy	3
6	How purpose of policy is achieved	4
Part 3	Environmental values and air quality objectives	
7	Environmental values for the air environment	4
8	Air quality objectives for indicators	5
Part 4	Avoiding, recycling, minimising or managing air emissions	
9	Management hierarchy for air emissions	5
Part 5	Miscellaneous	
10	Repeal	6
Schedule 1	Air quality objectives	7
Schedule 2	Dictionary	11
 Endnotes		
1	Index to endnotes	13
2	Date to which amendments incorporated	13
3	Key	13
4	Table of reprints	14
5	List of legislation	14

Environmental Protection (Air) Policy 2008

[reprinted as in force on 1 January 2009]

Part 1 Preliminary

1 Short title

This environmental protection policy may be cited as the *Environmental Protection (Air) Policy 2008*.

2 Commencement

This policy commences on 1 January 2009.

3 Definitions

The dictionary in schedule 2 defines particular words used in this policy.

Part 2 Application and purpose of policy

4 Application of policy

This policy applies to the air environment.

5 Purpose of policy

The purpose of this policy is to achieve the object of the Act in relation to the air environment.

[s 6]

Note—

See section 3 of the Act.

6 How purpose of policy is achieved

The purpose of this policy is achieved by—

- (a) identifying environmental values to be enhanced or protected; and
- (b) stating indicators and air quality objectives for enhancing or protecting the environmental values; and
- (c) providing a framework for making consistent, equitable and informed decisions about the air environment.

Part 3 Environmental values and air quality objectives

7 Environmental values for the air environment

The environmental values to be enhanced or protected under this policy are—

- (a) the qualities of the air environment that are conducive to protecting the health and biodiversity of ecosystems; and
- (b) the qualities of the air environment that are conducive to human health and wellbeing; and
- (c) the qualities of the air environment that are conducive to protecting the aesthetics of the environment, including the appearance of buildings, structures and other property; and
- (d) the qualities of the air environment that are conducive to protecting agricultural use of the environment.

8 Air quality objectives for indicators

- (1) An air quality objective stated in schedule 1, column 3 for an indicator stated in column 1 and for a period stated in column 4, is prescribed for enhancing or protecting the environmental value stated in column 2 of the schedule for the objective.
- (2) An air quality objective stated in schedule 1, column 3 must be worked out as an average over the period stated in column 4 for the objective.
- (3) Despite subsection (1), an environmental value may be enhanced or protected in an area or place if the amount of an indicator in the air environment in the area or place is more than the amount of the air quality objective stated in schedule 1, column 3 for the indicator for not more than the number of days stated in column 5 of the schedule for the indicator.
- (4) It is intended that the air quality objectives be progressively achieved as part of achieving the purpose of this policy over the long term.
- (5) This section does not apply to an air emission that may be experienced within a dwelling or workplace if the air emission is released within the dwelling or workplace.
- (6) In this section—
workplace see the *Workplace Health and Safety Act 1995*, section 9.

Part 4 Avoiding, recycling, minimising or managing air emissions

9 Management hierarchy for air emissions

- (1) This section states the management hierarchy for an activity involving air emissions.

Note—

See section 51 of the *Environmental Protection Regulation 2008*.

[s 10]

- (2) To the extent that it is reasonable to do so, air emissions must be dealt with in the following order of preference—
- (a) firstly—avoid;
Example for paragraph (a)—
using technology that avoids air emissions
 - (b) secondly—recycle;
Example for paragraph (b)—
re-using air emissions in another industrial process
 - (c) thirdly—minimise;
Example for paragraph (c)—
treating air emissions before disposal
 - (d) fourthly—manage.
Example for paragraph (d)—
locating a thing that releases air emissions in a suitable area to minimise the impact of the air emissions

Part 5 Miscellaneous

10 Repeal

The Environmental Protection (Air) Policy 1997, SL No. 468 is repealed.

Schedule 1 Air quality objectives

section 8

Column 1	Column 2	Column 3		Column 4	Column 5
Indicator	Environmental value	Air quality objectives		Period	Days
		$\mu\text{g}/\text{m}^3$ at 0 degrees C (except where noted)	ppm (volume/volume)		
1,2-dichloroethane	health and wellbeing	750	0.17	24 hours	
1,3-butadiene	health and wellbeing	2.4	0.001	1 year	
arsenic and compounds (measured as the total metal content in PM_{10})	health and wellbeing	$6\text{ng}/\text{m}^3$		1 year	
benzene	health and wellbeing	10	0.003	1 year	
benzo(a)pyrene (as a marker for polycyclic aromatic hydrocarbons)	health and wellbeing	$0.3\text{ng}/\text{m}^3$		1 year	
cadmium and compounds (measured as the total metal content in PM_{10})	health and wellbeing	$5\text{ng}/\text{m}^3$		1 year	
carbon disulfide	health and wellbeing	110	0.032	24 hours	
	protecting aesthetic environment	210	0.0063	30 minutes	
carbon monoxide	health and wellbeing	$11\text{mg}/\text{m}^3$	9	8 hours	1 day each year
dichloromethane	health and wellbeing	$3.2\text{mg}/\text{m}^3$	0.85	24 hours	
		$0.48\text{mg}/\text{m}^3$	0.13	1 week	

Environmental Protection (Air) Policy 2008

Schedule 1

Column 1	Column 2	Column 3		Column 4	Column 5
Indicator	Environmental value	Air quality objectives		Period	Days
		$\mu\text{g}/\text{m}^3$ at 0 degrees C (except where noted)	ppm (volume/volume)		
fluoride	health and biodiversity of ecosystems (other than protected areas)	2.9		24 hours	
		0.84		30 days	
		0.5		90 days	
	health and biodiversity of ecosystems (for protected areas)	0.1		90 days	
	protecting agriculture	1.5		24 hours	
		0.4		30 days	
0.25			90 days		
formaldehyde	health and wellbeing	54	0.04	24 hours	
	protecting aesthetic environment	110	0.08	30 minutes	
hydrogen sulfide	health and wellbeing	160	0.11	24 hours	
	protecting aesthetic environment	7.5	0.0049	30 minutes	
inorganic mercury vapour	health and wellbeing	1.1		1 year	
lead and compounds (measured as the total metal content in total suspended particles)	health and wellbeing	0.5		1 year	
manganese and compounds (measured as the total metal content in PM_{10})	health and wellbeing	0.16		1 year	
nickel and compounds (measured as the total metal content in PM_{10})	health and wellbeing	$20\text{ng}/\text{m}^3$		1 year	
nitrogen dioxide	health and wellbeing	250	0.12	1 hr	1 day each year
		62	0.03	1 year	
	health and biodiversity of ecosystems	33	0.016	1 year	

Column 1	Column 2	Column 3		Column 4	Column 5
Indicator	Environmental value	Air quality objectives		Period	Days
		$\mu\text{g}/\text{m}^3$ at 0 degrees C (except where noted)	ppm (volume/volume)		
ozone	health and wellbeing	210	0.10	1 hr	1 day each year
		160	0.08	4 hours	1 day each year
ozone (measured as accumulated exposure over a threshold of 40 ppb during daylight hours)	protecting agriculture		0.2 ppm-hr	5 days	
			3 ppm-hr	3 months	
	health and biodiversity of ecosystems (for semi-natural vegetation)		3 ppm-hr	3 months	
	health and biodiversity of ecosystems (for natural or uncultivated areas)		10 ppm-hr	6 months	
PM _{2.5}	health and wellbeing	25		24 hours	
		8		1 year	
PM ₁₀	health and wellbeing	50		24 hours	5 days each year
styrene	health and wellbeing	280	0.06	1 week	
	protecting aesthetic environment	75	0.016	30 minutes	
sulfate	health and wellbeing	27		24 hours	
sulfur dioxide	health and wellbeing	570	0.2	1 hr	1 day each year
		230	0.08	1 day	1 day each year
		57	0.02	1 year	
	protecting agriculture	32	0.011	1 year	
	health and biodiversity of ecosystems (for forests and natural vegetation)	22	0.0075	1 year	
tetrachloroethylene	health and wellbeing	0.27mg/m ³	0.036	1 year	
	protecting aesthetic environment	8.6mg/m ³	1.16	30 minutes	

Schedule 1

Column 1	Column 2	Column 3		Column 4	Column 5
Indicator	Environmental value	Air quality objectives		Period	Days
		$\mu\text{g}/\text{m}^3$ at 0 degrees C (except where noted)	ppm (volume/volume)		
toluene	health and wellbeing	4.1mg/m ³	1	24 hours	
		410	0.1	1 year	
	protecting aesthetic environment	1.1mg/m ³	0.26	30 minutes	
total suspended particles	health and wellbeing	90		1 year	
vanadium and compounds (measured as the total metal content in PM ₁₀)	health and wellbeing	1.1		24 hours	
vinyl chloride monomer	health and wellbeing	28	0.010	24 hours	
visibility reducing particles	protecting aesthetic environment	20km visibility in the air environment		1 hr	
xylenes (as a total of ortho, meta and para isomers)	health and wellbeing	1.2mg/m ³	0.25	24 hours	
		950	0.2	1 year	

Schedule 2 Dictionary

section 3

air emission means a substance released into the air.

air environment means the part of the environment of an area or place characterised by the air emissions that may be experienced there.

air quality objective, for an area or place, means—

- (a) for an air quality objective for an indicator that is the amount of the visibility in the air environment—the minimum amount of visibility that should be in the air environment of the area or place despite the presence of the indicator; or
- (b) otherwise—the maximum level that an indicator should be in the air environment of the area or place.

dwelling means a part of a building used or capable of being used as a residence.

equivalent aerodynamic diameter, in relation to a particle (a ***measured particle***), means a length equivalent to the diameter of a spherical particle with a density of 1g/cm³ that has the same settling velocity as the measured particle.

health and biodiversity of ecosystems means the environmental value mentioned in section 7(a).

health and wellbeing means the environmental value mentioned in section 7(b).

indicator means a contaminant that may be present in the air environment.

PM_{2.5} means particles in the air environment with an equivalent aerodynamic diameter of not more than 2.5 microns.

PM₁₀ means particles in the air environment with an equivalent aerodynamic diameter of not more than 10 microns.

ppb means parts for each billion.

ppm means parts for each million.

ppm-hr, for an indicator, means the average concentration of the indicator measured in parts for each million, multiplied by the length of time in hours to which the average applies.

protected area see the *Nature Conservation Act 1992*, section 14.

protecting agriculture means the environmental value mentioned in section 7(d).

protecting aesthetic environment means the environmental value mentioned in section 7(c).

total suspended particles means particles in the air environment with an equivalent aerodynamic diameter of not more than 50 microns.

Endnotes

1 Index to endnotes

	Page
2	Date to which amendments incorporated. 13
3	Key 13
4	Table of reprints 14
5	List of legislation 14

2 Date to which amendments incorporated

This is the reprint date mentioned in the Reprints Act 1992, section 5(c). However, no amendments have commenced operation on or before that day. Future amendments of the Environmental Protection (Air) Policy 2008 may be made in accordance with this reprint under the Reprints Act 1992, section 49.

3 Key

Key to abbreviations in list of legislation and annotations

Key	Explanation	Key	Explanation
AIA	= Acts Interpretation Act 1954	(prev)	= previously
amd	= amended	proc	= proclamation
amdt	= amendment	prov	= provision
ch	= chapter	pt	= part
def	= definition	pubd	= published
div	= division	R[X]	= Reprint No. [X]
exp	= expires/expired	RA	= Reprints Act 1992
gaz	= gazette	reloc	= relocated
hdg	= heading	renum	= renumbered
ins	= inserted	rep	= repealed
lap	= lapsed	(retro)	= retrospectively
notfd	= notified	rv	= revised edition
num	= numbered	s	= section
o in c	= order in council	sch	= schedule
om	= omitted	sdiv	= subdivision
orig	= original	SIA	= Statutory Instruments Act 1992
p	= page	SIR	= Statutory Instruments Regulation 2002
para	= paragraph	SL	= subordinate legislation
prec	= preceding	sub	= substituted
pres	= present	unnum	= unnumbered
prev	= previous		

4 Table of reprints

Reprints are issued for both future and past effective dates. For the most up-to-date table of reprints, see the reprint with the latest effective date.

If a reprint number includes a letter of the alphabet, the reprint was released in unauthorised, electronic form only.

Reprint No.	Amendments included	Effective	Notes
1 rv	none	1 January 2009	Revision notice issued for R1

5 List of legislation

Environmental Protection (Air) Policy 2008 SL No. 441

made by the Minister for Sustainability, Climate Change and Innovation on 26 November 2008

notfd gaz 12 December 2008 pp 2044–53

ss 1–2 commenced on date of notification

remaining provisions commenced 1 January 2009 (see s 2)

exp 1 September 2019 (see SIA s 54)

Notes—(1) The expiry date may have changed since this reprint was published. See the latest reprint of the SIR for any change.

(2) An explanatory note was prepared