
WELSH STATUTORY INSTRUMENTS

2002 No. 3183 (W.299)

ENVIRONMENTAL PROTECTION, WALES

The Air Quality Limit Values (Wales) Regulations 2002

Made - - - - 17th December 2002

Coming into force 31st December 2002

THE AIR QUALITY LIMIT VALUES (WALES) REGULATIONS 2002

1. Citation, commencement and application
 2. Definitions
 3. Responsibility for implementation of the Air Framework Directive
 4. Duty to ensure that ambient air quality is improved
 5. Assessment of ambient air quality
 6. Classification of zones
 7. Review of classifications
 8. Method of assessment of ambient air quality
 9. Action plans
 10. Action to be taken where limit values are exceeded
 11. Zones where the levels are lower than the limit value
 12. Public information
 13. Revocations of Air Quality Limit Values (Wales) Regulations 2001 and Air Quality Standards Regulations 1989 and transitional provisions
- Signature

SCHEDULE LIMIT VALUES, MARGINS OF TOLERANCE ETC.

- 1
- PART I — SULPHUR DIOXIDE**
- 1.1 Limit values for sulphur dioxide
 - 1.2 Alert threshold for sulphur dioxide
 - 1.3 Minimum details to be made available to the public when the alert threshold for sulphur dioxide is exceeded
- PART II — NITROGEN DIOXIDE (NO₂) AND OXIDES OF NITROGEN (NO_x)**
- 2.1 Limit values for nitrogen dioxide and oxides of nitrogen
 - 2.2 Alert threshold for nitrogen dioxide

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- 2.3 Minimum details to be made available to the public when the alert threshold for nitrogen dioxide is exceeded
- PART III — **PARTICULATE MATTER (PM₁₀)**
- PART IV — **LEAD**
- PART V — **BENZENE**
- PART VI — **CARBON monoxide**
- Averaging period Limit value Margin of tolerance Date by...
The maximum daily 8-hour mean concentration shall be selected by...
- SCHEDULE 2 UPPER AND LOWER ASSESSMENT THRESHOLDS AND EXCEEDANCES
- PART I — **Upper and lower assessment thresholds**
- The following upper and lower assessment thresholds will apply:
SULPHUR...
- PART II — **Determination of exceedances of upper and lower assessment thresholds**
- Exceedances of upper and lower assessment thresholds must be determined...
Where fewer than five years' data are available, measurement campaigns...
- SCHEDULE 3 LOCATION OF SAMPLING POINTS FOR THE MEASUREMENT OF RELEVANT POLLUTANTS IN AMBIENT AIR
- The following considerations will apply to fixed measurement.
The following considerations will apply to fixed measurement.
- PART I — **Macroscale siting**
- Protection of human health (a) Sampling points directed at the...
- PART II — **Microscale siting**
- The following guidelines should be met as far as practicable:....
The following factors may also be taken into account:
- PART III — **Documentation and review of site selection**
- The site-selection procedures should be fully documented at the classification...
- SCHEDULE 4 CRITERIA FOR DETERMINING MINIMUM NUMBERS OF SAMPLING POINTS FOR FIXED MEASUREMENT OF CONCENTRATIONS OF RELEVANT POLLUTANTS IN AMBIENT AIR
- PART I — Minimum number of sampling points for fixed measurement to assess compliance with limit values for the protection of human health and alertthresholds in zones and agglomerations where fixed measurement is the sole source of information
- Diffuse sources (a) Population of zone (thousands) If concentrations...
- PART II — **Minimum number of sampling points for fixed measurements to assess compliance with limit values for the protection of ecosystems or vegetation in zones other than agglomerations**
- If maximum concentrations exceed the assessment threshold If maximum...
- In island zones the number of sampling points for fixed...
- SCHEDULE 5 DATA-QUALITY OBJECTIVES AND COMPILATION OF RESULTS OF AIR-QUALITY ASSESSMENT
- PART I — **Data-quality objectives**

The following data-quality objectives for the required accuracy of assessment...

The accuracy of the measurement is defined as laid down...

The accuracy for modelling and objective estimation is defined as...

The requirements for minimum data capture and time coverage do...

The National Assembly may allow for random measurements to be...

The following data quality objectives, for allowed uncertainty of assessment...

The uncertainty (on a 95% confidence interval) of the assessment...

The uncertainty for modelling and objective estimation is defined as...

The requirements for minimum data capture and time coverage do...

The National Assembly may allow for random measurements to be...

PART II — Results of air quality assessment

The following information should be compiled for zones and agglomerations...

Where possible maps shall be compiled showing concentration distributions within...

SCHEDULE 6 REFERENCE METHODS FOR ASSESSMENT OF CONCENTRATIONS OF RELEVANT POLLUTANTS

PART I — Reference method for the analysis of sulphur dioxide
ISO/FDIS 10498 (Standard in draft) Ambient air — determination of...

PART II — Reference method for the analysis of nitrogen dioxide and oxides of nitrogen

ISO 7996: 1985 Ambient air — determination of the mass...

PART IIIA — Reference method for the sampling of lead

The reference method for the sampling of lead will be...

PART IIIB — Reference method for the analysis of lead

ISO 9855: 1993 Ambient air — Determination of the particulate...

PART IV — Reference method for the sampling and measurement of PM₁₀

The reference method for the sampling and measurement of PM₁₀...

PART V — Reference method for the sampling and analysis of benzene

The reference method for the measurement of benzene will be...

PART VI — Reference method for the analysis of carbon monoxide

The reference method for the measurement of carbon monoxide will...

SCHEDULE 7 INFORMATION TO BE INCLUDED IN THE PLAN OR PROGRAMME FOR IMPROVEMENT OF AIR QUALITY

1. *Localisation of excess pollution*
2. *General information*
3. *Responsible authorities*
4. *Nature and assessment of pollution*
5. *Origin of pollution*
6. *Analysis of the situation*
7. *Details of those measures or projects for improvement which existed prior to 21st November 1996*
8. *Details of those measures or projects adopted with a view to reducing pollution following 21st November 1996*
9. *Details of the measures or projects planned or being researched for the long term.*
10. *List of the publications, documents, work etc used to supplement information requested in this Schedule.*

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Explanatory Note

Changes to legislation:

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