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SCOTTISH STATUTORY INSTRUMENTS

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**2001 No. 224**

**ENVIRONMENTAL PROTECTION**

**The Air Quality Limit Values (Scotland) Regulations 2001**

*Made* - - - - - *9th June 2001*  
*Laid before the Scottish*  
*Parliament* - - - *11th June 2001*  
*Coming into force* *19th July 2001*

**THE AIR QUALITY LIMIT VALUES  
(SCOTLAND) REGULATIONS 2001**

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

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SCHEDULE 1      LIMIT VALUES, MARGINS OF TOLERANCE ETC.  
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 (NO<sub>2</sub>) AND OXIDES  
OF NITROGEN (NO<sub>x</sub>)

- 2.1 Limit values for nitrogen dioxide and oxides of nitrogen
- 2.2 Alert threshold for nitrogen dioxide

*Status: This is the original version (as it was originally made).*

- 2.3 Minimum Details to be made available to the public when the alert threshold for nitrogen dioxide is exceeded
- PART III PARTICULATE MATTER (PM<sub>10</sub>)
  - PART IV LEAD
  - 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:
- 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 SULPHURDIOXIDE, NITROGEN DIOXIDE AND OXIDES OF NITROGEN, PARTICULATE MATTER AND LEAD IN AMBIENT AIR.
- 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: interfering...
- 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 ALERT THRESHOLDS IN ZONES AND AGGLOMERATIONS WHERE FIXED MEASUREMENT IS THE SOLE SOURCE OF INFORMATION
- Diffuse sources (a) Population of agglomeration or zone (thousands) If...
- 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
- 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 Scottish Ministers may allow for random measurements to be...

PART II RESULTS OF AIR QUALITY ASSESSMENT

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

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

SCHEDULE 6 REFERENCE METHODS FOR ASSESSMENT OF CONCENTRATIONS OF SULPHUR DIOXIDE, NITROGEN DIOXIDE AND OXIDES OF NITROGEN, PARTICULATE MATTER (PM<sub>10</sub> AND PM<sub>2.5</sub>) AND LEAD

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 PM<sub>10</sub>

The reference method for the sampling and measurement of PM<sub>10</sub>...

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

1. ***Localization 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 i.e.***
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.***

Explanatory Note