

Commission Implementing Decision of 12 December 2011 laying down rules for Directives 2004/107/EC and 2008/50/EC of the European Parliament and of the Council as regards the reciprocal exchange of information and reporting on ambient air quality (notified under document C(2011) 9068) (2011/850/EU)

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CHAPTER II

...

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Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Decision of 12 December 2011 laying down rules for Directives 2004/107/EC and 2008/50/EC of the European Parliament and of the Council as regards the reciprocal exchange of information and reporting on ambient air quality (notified under document C(2011) 9068) (2011/850/EU). (See end of Document for details)

ANNEX I

- (A) Data requirements
 - (1) Reporting of time
 - (2) Number of digits and rounding
 - (3) Equivalence
 - (4) Standardisation
 - (5) Provisions for PM_{2,5}
 - Limit values plus margin of tolerance
 - Calculation of the Average Exposure Indicator (AEI) in accordance with...
- (B) Environmental objectives and reporting metrics
- (C) Pollutants with monitoring requirements

ANNEX II

- (A) Common Data types
 - (1) Data type 'Contact Details'
 - 1. Name of responsible authority, institution or body
 - 2. Name of responsible person
 - 3. Web address
 - 4. Address
 - 5. Telephone number
 - 6. E-mail
 - (2) Data type 'Exceedance Situation'
 - 1. Exceedance Situation ID
 - 2. Exceeded environmental objective
 - 3. Area of the exceedance situation (data type 'Spatial Extent')
 - 4. Classification of the area
 - 5. Administrative units
 - 6. Estimate of the surface area where the level was above...
 - 7. Estimate of the length of road where the level was...
 - 8. Monitoring stations in exceedance area (link to D)
 - 9. Modelled exceedance (link to D)
 - 10. Estimate of the total resident population in the exceedance area...
 - 11. Estimate of the ecosystem/vegetation area exposed above the environmental objective...
 - 12. Reference year
 - (3) Data type 'Environmental Objective'
 - 1. Objective type
 - 2. Averaging period of assessment
 - 3. Protection target
 - (4) Data type 'Spatial Extent'
 - 1. GIS information provided as coordinates
 - (5) Data type 'Spatial Observation'
 - 1. Spatial assessment data

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- (6) Data type 'Publication'
 - 1. Publication
 - 2. Title
 - 3. Author(s)
 - 4. Publication date
 - 5. Publisher
 - 6. Web link
- (7) Data type 'Documentation of Change'
 - 1. Change
 - 2. Description of change
- (B) Information on zones and agglomerations (Article 6)
 - (1) Provider (data type 'Contact Details')
 - (2) Change documentation (data type 'Documentation of Change')
 - (3) Zone code
 - (4) Zone name
 - (5) Zone type
 - (6) Zone delimitation (data type 'Spatial Extent')
 - (7) Zone history: application start and end date
 - (8) Predecessors (link to B)
 - (9) Resident population
 - (10) Resident population reference year
 - (11) Code of designated pollutant
 - (12) Protection Target
 - (13) Exemption or postponement according to Article 22 of Directive 2008/50/EC...
- (C) Information on the assessment regime (Article 7)
 - (1) Provider (data type 'Contact Details')
 - (2) Change documentation (data type 'Documentation of Change')
 - (3) Information on zone (link to B)
 - (4) Pollutant
 - (5) Environmental objective (data type 'Environmental Objective')
 - (6) Attainment of assessment threshold
 - (7) Assessment threshold classification year
 - (8) Documentation of the classification (web link)
 - (9) Assessment type
 - (10) Assessment type: Description
 - (11) Individual assessment metadata, including station ID, location information (link to...)
 - (12) Authority responsible for the assessment of air quality (data type...)
 - (13) Authority responsible for the approval of measurement systems (data type...)
 - (14) Authority responsible for ensuring the accuracy of measurements (data type...)
 - (15) Authority responsible for the analysis of assessment method (data type...)
 - (16) Authority responsible for the coordination of nation-wide quality assurance (data...)
 - (17) ...
- (D) Information on the assessment methods (Articles 8 and 9)
 - (i) General: information for all assessment methods
 - (1) Provider (data type 'Contact Details')
 - (2) Change documentation (data type 'Documentation of change')
 - (3) Assessment Type
 - (4) Information on zone (Link to B)

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- (5) Pollutant
- (ii) Fixed measurement Information
 - (1) Measurement configuration ID
 - (2) European station ID
 - (3) Network ID
 - (4) National station code
 - (5) Name of the monitoring station
 - (6) Name of the municipality
 - (7) Measurement start and end date
 - (8) Measurement type
 - (9) Measurement/sampling/analytical method
 - (10) Measurement/sampling equipment (where available)
 - (11) Detection limit (where available)
 - (12) Demonstration of equivalence
 - (13) Demonstration of equivalence: Documentation (web link)
 - (14) Sampling time
 - (15) Sampling interval
 - (16) Spatial Extent of representative area (data type ‘Spatial Extent’) (where...
 - (17) Evaluation of representativeness (where available)
 - (18) Documentation of representativeness (web link) (where available)
 - (19) Sampling point location: height of air inlet above ground
 - (20) Sampling point location: horizontal distance of air inlet from the...
 - (21) Sampling point location: Distance of air inlet from nearest lane...
 - (22) Classification of station in relation to predominant emission sources relevant...
 - (23) Main sources (traffic, domestic heating, industrial sources or source area...
 - (24) Distance from predominant industrial source or source area (for industrial...
 - (25) Station time references: start and end date
 - (26) Geographical coordinates: longitude, latitude and altitude of monitoring station
 - (27) Documentation of station information including maps and photographs (web link)...
 - (28) Classification of the area
 - (29) Distance to major junction (for traffic stations)
 - (30) Assessed traffic volume (for traffic stations)
 - (31) Heavy-duty fraction of traffic (for traffic stations, where available)
 - (32) Traffic speed (for traffic stations, where available)
 - (33) Street canyon — width of street (for traffic stations, where...
 - (34) Street canyon — mean height of building facades (for traffic...
 - (35) Network name
 - (36) Network: start and end date of operation
 - (37) Body responsible for network management (data type ‘Contact Details’)
 - (38) Assessment method for winter sanding and salting (where Article 21...
 - (39) Assessment method for natural contribution (where Article 20 of Directive...
 - (40) Data quality objectives: time coverage
 - (41) Data quality objectives: data capture
 - (42) Data quality objectives: uncertainty estimation

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- (43) Data quality objectives: documentation of traceability and uncertainty estimation
- (44) Data quality objectives: documentation of QA/QC (Web Link)
- (iii) Indicative Measurement Information
 - (1) Indicative measurement ID
 - (2) Description of measurement method
 - (3) Measurement type
 - (4) Measurement method
 - (5) Measurement/sampling equipment (where available)
 - (6) Detection limit (where available)
 - (7) Sampling time
 - (8) Sampling interval
 - (9) Geographical coordinates: geographical longitude, latitude and altitude
 - (10) Assessment method for winter sanding and salting (where Article 21...
 - (11) Assessment method for natural contribution (where Article 20 of Directive...
 - (12) Data quality objectives: time coverage
 - (13) Data quality objectives: data capture
 - (14) Data quality objectives: uncertainty estimation
 - (15) Data quality objectives: documentation of traceability and uncertainty estimation
 - (16) Data quality objectives: documentation of QA/QC (Web Link)
- (iv) Modelling Information
 - (1) Modelling ID
 - (2) Environmental objective type (data type 'Environmental Objective')
 - (3) Modelling method: name
 - (4) Modelling method: description
 - (5) Modelling method: documentation (web link)
 - (6) Modelling method: validation by measurement
 - (7) Modelling method: validation by measurement at sites not reported under...
 - (8) Modelling period
 - (9) Area for modelling (data type 'Spatial Extent')
 - (10) Spatial resolution
 - (11) Assessment method for winter sanding and salting (where Article 21...
 - (12) Assessment method for natural contribution (where Article 20 of Directive...
 - (13) Data quality objectives: uncertainty estimation
 - (14) Data quality objectives: documentation of QA/QC (Web Link)
- (v) Objective Estimation Information
 - (1) Objective estimation ID
 - (2) Description
 - (3) Area for objective estimation (data type 'Spatial Extent')
 - (4) Data quality objective: uncertainty estimation
 - (5) Data quality objectives: documentation of traceability and uncertainty estimation
 - (6) Data quality objectives: documentation of QA/QC (Web Link)
- (E) Information on primary validated assessment data and primary up-to-date assessment...
 - (1) Provider (data type 'Contact Details')
 - (2) Documentation of change (data type 'Documentation of Change')
 - (3) Version number
 - (4) Pollutant

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- (5) Unit of pollutant
 - (6) Assessment Type
 - (7) Assessment Method (Link to D)
 - (8) Start and end date of sampling
 - (9) Time units and number of units of sampling
 - (10) Measurement value (including quantity of pollutant concentration levels attributed to...
 - (11) Modelled value (data type 'Spatial Observation') (including quantity of pollutant...
 - (12) Validity
 - (13) Verification status
- (F)
- (G) Information on the attainment of environmental objectives (Article 12)
- (1) Provider (data type 'Contact Details')
 - (2) Reporting year
 - (3) Change documentation (data type 'Documentation of Change')
 - (4) Information on zone (link to B)
 - (5) Exceedance situation (data type 'Exceedance Situation')
 - (6) Pollutant
 - (7) Assessment information (link to D)
 - (8) Exceedance of the environmental objective
 - (9) Exceedance of the environmental objective plus margin of tolerance
 - (10) Exceedance taking into account natural sources
 - (11) Exceedance taking into account winter sanding or salting
 - (12) Exceedance situation after consideration of natural contributions and winter sanding...
 - (13) Total numbers of exceedances (according to 8 to 11)
- (H) Information on air quality plans (Article 13)
- (1) Provider (data type 'Contact Details')
 - (2) Change documentation (data type 'Documentation of Change')
 - (3) Air quality plan: code
 - (4) Air quality plan: name
 - (5) Air quality plan: reference year of first exceedance
 - (6) Competent authority (data type 'Contact Details')
 - (7) Air quality plan: status
 - (8) Air quality plan: pollutants covered
 - (9) Air quality plan: date of official adoption
 - (10) Air quality plan: timetable of implementation
 - (11) Reference to air quality plan (web link)
 - (12) Reference to implementation (web link)
 - (13) Relevant publication (data type 'Publication')
 - (14) Code of the relevant exceedance situation(s) (link to G)
- (I) Information on source apportionment (Article 13)
- (1) Code(s) of exceedance situation (link to G)
 - (2) Reference year
 - (3) Regional background: total
 - (4) Regional background: from within Member State
 - (5) Regional background: transboundary
 - (6) Regional background: natural

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- (7) Urban background increment: total
 - (8) Urban background increment: traffic
 - (9) Urban background increment: industry including heat and power production
 - (10) Urban background increment: agriculture
 - (11) Urban background increment: commercial and residential
 - (12) Urban background increment: shipping
 - (13) Urban background increment: off-road mobile machinery
 - (14) Urban background increment: natural
 - (15) Urban background increment: transboundary
 - (16) Local increment: total
 - (17) Local increment: traffic
 - (18) Local increment: industry including heat and power production
 - (19) Local increment: agriculture
 - (20) Local increment: commercial and residential
 - (21) Local increment: shipping
 - (22) Local increment: off-road mobile machinery
 - (23) Local increment: natural
 - (24) Local increment: transboundary
- (J) Information on the scenario for the attainment year (Article 13)...
- (1) Code of exceedance situation (link to G)
 - (2) Code of scenario
 - (3) Code of air quality plan (link to H)
 - (4) Reference year for which projections are developed
 - (5) Reference year from which projections are started
 - (6) Source apportionment (link to I)
 - (7) Relevant publication (data type 'Publication')
 - (8) Baseline: description of the emission scenario
 - (9) Baseline: total emissions in the relevant spatial unit
 - (10) Baseline: included measures (link to K)
 - (11) Baseline: expected concentration levels in the projection year
 - (12) Baseline: expected number of exceedances in the projection year
 - (13) Projection: description of the emission scenario
 - (14) Projection: total emissions in the relevant spatial unit
 - (15) Projection: included measures (Link to K)
 - (16) Projection: expected concentration levels in the projection year
 - (17) Projection: expected number of exceedances in the projection year
- (K) Information on measures (Articles 13 and 14)
- (1) Code(s) of exceedance situation (link to G)
 - (2) Code of air quality plan (link to H)
 - (3) Code of evaluation scenario (link to J)
 - (4) Measure: code
 - (5) Measure: name
 - (6) Measure: description
 - (7) Measure: classification
 - (8) Measure: type
 - (9) Measure: administrative level
 - (10) Measure: time scale
 - (11) Measure: affected source sector
 - (12) Measure: spatial scale
 - (13) Estimated implementation costs (where available)
 - (14) Planned implementation: start and end date

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- (15) Date when the measure is planned to take full effect...
- (16) Other key implementation dates
- (17) Indicator for monitoring progress
- (18) Reduction in annual emissions due to applied measure
- (19) Expected impact in level of concentrations in the projection year...
- (20) Expected impact in number of exceedances in the projection year...

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- (1) OJ L 23, 26.1.2005, p. 3.
- (2) OJ L 152, 11.6.2008, p. 1.
- (3) OJ L 35, 5.2.1997, p. 14.
- (4) OJ L 68, 6.3.2004, p. 27.
- (5) OJ L 156, 30.4.2004, p. 78.
- (6) OJ L 108, 25.4.2007, p. 1.

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