

Republic of Latvia  
Cabinet  
Regulation No. 769  
Adopted 13 November 2012

## **Regulations Regarding Participation of Stationary Technological Installations in the Emission Allowance Trading Scheme of the European Union**

*Issued pursuant to  
Section 24.<sup>1</sup>, Paragraph three and Paragraph seven, Clause 1,  
Section 30, Paragraph one and Section 45, Paragraphs one and seven of  
the Law On Pollution*

### **1. General Provisions**

1. This Regulation prescribes:

1.1. the procedures by which a greenhouse gas emission permit (hereinafter – permit) shall be requested and obtained for the polluting activities referred to in Annex 2 to the Law On Pollution (hereinafter – activities referred to in Annex 2 to the Law);

1.2. the procedures by which an application shall be submitted and a permit shall be received for such activities referred in the Law, the production capacity of which or the produced production volume does not exceed the thresholds referred to in Annex 2 to the Law On Pollution (hereinafter – indicators referred to in Annex 2 to the Law);

1.3. the template of the application for the receipt of a permit and the template of the permit;

1.4. the time period in which an operator shall notify the regional environmental board of the State Environmental Service (hereinafter – board) regarding activity changes;

1.5. the procedures by which monitoring of the greenhouse gas emissions generated by the emissions trading system (hereinafter – emissions) shall be performed;

1.6. the procedures by which an annual emissions report (hereinafter – emissions report) shall be verified and approved.

2. This Regulation shall apply to stationary technological installations, in which any of the activities referred to in Annex 2 to the Law is performed, as well as to stationary technological installations the production capacity of which or the produced production volume does not exceed the thresholds referred to in Annex 2 to the Law On Pollution (hereinafter – installation).

3. An operator may submit the applications referred to in Paragraphs 4, 32 and 33 of this Regulation and the attached annexes and documents, as well as the reports referred to in Paragraphs 48 and 61 of this Regulation to the relevant board in printed form (submitting the relevant information also electronically), in the form of an electronic document in accordance with the laws and regulations regarding drawing up of electronic documents or, after electronic registration, filling in information online on the website of the single environmental information system “TULPE” of the State Environmental Service, conforming to the following conditions:

3.1. if information is submitted electronically (by sending to the electronic mail address of the board or by submitting an electronic data carrier), the operator shall ensure that no changes are made therein without the knowledge of the operator, by protecting the information with a password selected by the operator;

3.2. if information is submitted in printed form, the operator shall append only such forms of the monitoring plan or sections of the emissions report form thereto, which apply to specific installations of the particular operator.

## **2. Procedures for the Submitting an Application for the Receipt of a Permit, as well as Conditions for the Issuance, Amending and Revocation of a Permit**

### **2.1. Procedures for the Submitting and Evaluation of an Application for the Receipt of a Permit**

4. An operator shall prepare an application for the receipt of a permit (hereinafter – application for permit) in accordance with Annex 1 to this Regulation and shall append the following thereto:

4.1. the documents justifying the information indicated in the application for permit;

4.2. descriptions of procedures in accordance with Commission Regulation (EU) No 601/2012 of 21 June 2012 on the monitoring and reporting of greenhouse gas emissions pursuant to Directive 2003/87/EC of the European Parliament and of the Council (hereinafter – Regulation No 601/2012).

5. In addition to that referred to in Paragraph 4 of this Regulation an operator, if the relevant requirements are applicable thereto, shall submit:

5.1. information regarding the biomass fraction determination method and calculations in accordance with Paragraphs 5 and 7 of Annex 2 to this Regulation, if the biomass fraction of the particular heating fuel or material is determined using analyses in accordance with Paragraph 5 of Annex 2 to this Regulation;

5.2. the documents certifying conformity of the measuring systems under control of the operator, indicating that the measuring devices used are subject to metrological control in accordance with the laws and regulations regarding calibration or verification of measuring devices, calibration or verification certificates and relevant notes, in order to justify the use of measurement results in accordance with Paragraph 9 of Annex 2 to this Regulation;

5.3. information regarding the activities referred to in Sub-paragraphs 15.1, 15.2 and 15.3 of Annex 2 to this Regulation;

5.4. information justifying the method for determination of the lowest calorific value and emission factors and the values of the lowest calorific value in comparison with the value of an equivalent commercial standard heating fuel;

5.5. the sampling plan referred to in Paragraph 21 of Annex 2 to this Regulation, if the operator uses analyses in accordance with Paragraph 21 of Annex 2 to this Regulation for the determination of emissions calculation factors;

5.6. information which in accordance with Sub-paragraph 24.2 of Annex 2 to this Regulation justifies different frequency of performing analyses, than for the relevant heating fuel or material indicated in Annex VII to Regulation No 601/2012.

6. In order to draw up the proposals to be indicated in an application for permit as regards the conditions for the performance of monitoring, an operator shall determine in accordance with Regulation No 601/2012:

6.1. the category of the installation classified in accordance with Article 19(2) of Regulation No 601/2012;

6.2. the category of each source stream in the relevant case, classified in accordance with Article 19(3) of Regulation No 601/2012;

6.3. monitoring boundaries for each installation in accordance with Article 20 of Regulation No 601/2012.

7. An operator shall apply calculation-based or measurement-based methodology to the emissions monitoring in accordance with the conditions of Article 21 of Regulation No 601/2012. The operator shall select the relevant methodology in conformity with the following conditions:

7.1. calculation-based methodology allows to determine emissions from source streams on the basis of activity data obtained using measurement systems, additional parameters or standard values determined by laboratory analysis;

7.2. calculation-based methodology may be used applying the standard method determined in Article 24 or the mass balance method determined in Article 25 of Regulation No 601/2012;

7.3. measurement-based methodology allows determination of emissions from emission sources using continuous measurements of the relevant greenhouse gas concentration in waste gases and waste gas stream measurements, as well as allows determination of carbon dioxide transfer monitoring between installations in which measurement of carbon dioxide concentration and transferred gas stream is taking place.

8. The board shall permit an operator to combine standard methodology of calculation-based methodology, mass balance and measurement-based methodologies for different emissions sources and source streams belonging to one installation, provided that neither gaps nor double counting concerning emissions occur.

9. Where the operator does not choose a measurement-based methodology, the operator shall apply the calculation-based methodology indicated in Annex IV to Regulation No 601/2012, except the case when the operator provides sufficient evidence in the application for permit to the board that the use of such methodology is technically not feasible, incurs unreasonable costs, or that another methodology leads to a higher overall accuracy of emissions data.

10. By way of derogation the operator need not apply the methodology referred to in Paragraph 7 of this Regulation and may use the fall-back methodology laid down in Article 22 of Regulation No 601/2012 applying it to selected source streams or emission sources, provided that the conditions laid down in Article 22 of Regulation No 601/2012 are met.

11. The operator whose installation has low emissions in accordance with Article 47(2) of Regulation No 601/2012 may use simplified monitoring conditions for the drawing up of the proposals referred to in Paragraph 6 of this Regulation.

12. The operator whose installation performs such activity referred to in Annex 2 to the Law, which creates N<sub>2</sub>O emissions, may not apply the simplified monitoring conditions referred to in Paragraph 11 of this Regulation.

13. The operator referred to in Paragraph 11 of this Regulation shall:

13.1. perform a simplified risk assessment on whether control activities and procedures of such control activities are commensurate with the characteristic risks (susceptibility of the parameters used in emissions monitoring, for example, means for measuring activity data, emissions calculation factors, determination of data, to misstatements before the impact of the relevant control activities is taken into account) and surveyed control

risks (susceptibility of the parameters used in emissions monitoring to misstatements which are not prevented or detected and corrected on a timely basis by the control system);

13.2. justify the application of the simplified monitoring conditions.

14. The operator shall submit an application for permit and its annexes:

14.1. 30 days prior to the beginning of the third period referred to in Section 24.<sup>1</sup>, Paragraph five, Clause 3 of the Law On Pollution;

14.2. 45 working days prior to the beginning of the subsequent periods referred to in Section 24.<sup>1</sup>, Paragraph five, Clause 3 of the Law On Pollution;

14.3. 45 working days prior to the intended commencement of the activity referred to in Annex 2 to the Law.

15. The board shall, within 10 working days after receipt of an application for permit, inform the operator in writing regarding the necessary additional information, if all the information laid down in the laws and regulations governing environmental protection has not been indicated in the application for permit or documents justifying information are not appended.

16. If the operator has assigned the status of commercial secret to the information included in the application for permit or its annexes, the operator shall submit such information separately, appending a relevant note regarding assigning the status of commercial secret.

17. Concurrently with an application for permit the operator shall submit an application regarding the necessary amendments to the permit for the performance of Category A or Category B polluting activity or to the certification of Category C or submit an application for the receipt of a permit for Category A or Category B polluting activity, or notify on performance of Category C polluting activity in the following cases:

17.1. if the information included in the application for the receipt of a permit differs from the information included in the permit for the performance of Category A or Category B polluting activity or the information included in the certification of Category C;

17.2. if amendments must be made to the permit for the performance of Category A or Category B polluting activity on the basis of the Law On Pollution, or substantial changes must be made in Category C activity.

18. If the operator has not conformed to the conditions referred to in Paragraph 17 of this Regulation, the board shall, within 10 working days, take a decision to commence the procedure of issuance or revision of the permit for the performance of Category A or Category B polluting activity or the certification for the performance of Category C polluting activity and shall notify the relevant operator thereof.

19. On the basis of the decision of the board referred to in Paragraph 18 of this Regulation, the operator shall prepare the information referred to in Paragraph 17 of this Regulation in accordance with the laws and regulations regarding the procedures by which Category A, B and C polluting activities shall be declared and permits for the performance of Category A and B polluting activities shall be issued, and submit to the board within 15 working days after the day when the decision was taken.

## **2.2. Participation of the Public in Evaluation of Applications**

20. An application for permit, the information included therein and the appended annexes shall be available to the public, except the information referred to in Paragraph 16 of this Regulation.

21. The board shall, within two working days after receipt of the application for permit, post it on the website of the State Environmental Service, indicating a time period of not less than 15 working days until which the public may submit proposals.

22. The board shall, within two working days after receipt of proposals, inform the operator thereof, indicating a time period of not less than five working days until which the operator must provide an explanation regarding the proposals received.

### **2.3. Issuance of a Permit**

23. An official of the board prior to the first-time issuing of a permit for a new installation shall inspect the relevant installation and within 15 working days prepare a statement on its conformity with the information referred to in Paragraphs 4 and 5 of this Regulation.

24. The board shall issue a permit to the operator, if upon evaluating the information referred to in Paragraphs 4 and 5 of this Regulation it recognises that the operator is able to perform emissions monitoring and to prepare an emissions report in accordance with the requirements referred to in Regulation No 601/2012 and this Regulation.

25. Upon deciding on issuance of a permit or refusal to issue a permit, the board shall evaluate:

25.1. the documents submitted by the operator in accordance with the requirements of this Regulation and Regulation No 601/2012;

25.2. the received proposals of State and local government institutions, as well as of the public and the explanation of the operator regarding them in accordance with Paragraph 22 of this Regulation.

26. The board shall issue a permit in accordance with the permit template indicated in Annex 3 to this Regulation.

### **2.4. Amendments to the Permit and the Monitoring Conditions Included in the Permit**

27. Each year upon preparing an emissions report the operator shall evaluate the possibility of improving the monitoring methodology determined in the permit.

28. The operator shall submit the information laid down in Article 69(2) and (3) of Regulation No 601/2012 within the following time periods:

28.1. for a Category A installation (in accordance with Article 19(2)(a) of Regulation No 601/2012) – once in four years until 30 June of the relevant year;

28.2. for a Category B installation (in accordance with Article 19(2)(b) of Regulation No 601/2012) – once in two years until 30 June of the relevant year;

28.3. for a Category C installation (in accordance with Article 19(2)(c) of Regulation No 601/2012) – once a year until 30 June of the current year.

29. If the verification report referred to in Paragraph 61 of this Regulation in accordance with Articles 27, 29 and 30 of Commission Regulation (EU) No 600/2012 of 21 June 2012 on the verification of greenhouse gas emissions reports and tonne-kilometre reports and the accreditation of verifiers pursuant to Directive 2003/87/EC of the European Parliament and of the Council (hereinafter – Regulation No 600/2012) indicates recommendations for improvements or outstanding non-material non-conformities, the operator shall until 30 June of the same year:

29.1. submit a report to the board providing a description of how and when it has eliminated or is planning to eliminate the non-conformities detected by the verifier and to implement the improvements recommended;

29.2. provide a justification of why the implementation of the recommendations included in the verification report would not improve the monitoring methodology used by the operator, as well as if implementation of recommendations is bound to incur incommensurate costs, submit evidence to the board regarding incommensurability of such costs.

30. The board shall evaluate the information referred to in Paragraph 29 of this Regulation within 25 working days and accept without objections, if it recognises it as justified, or take a decision on the necessary amendments, laying down a time period until which the operator must carry them out.

31. The operator shall make amendments to the monitoring conditions of an installation and submit an application regarding amendments necessary to the permit in the following cases:

31.1. if the operator is planning changes in the operation of the installation or on the level of operation of the installation in relation to expanding the installation or reducing its capacity;

31.2. in the cases laid down in Article 14(2) of Regulation No 601/2012;

31.3. material changes should be made in the monitoring plan in the cases laid down in Article 15(3) of Regulation No 601/2012;

31.4. if the emissions calculation factors changed are bound to ensure greater accuracy in determination of emissions.

32. In the cases referred to in Sub-paragraphs 31.1, 31.2 and 31.4 of this Regulation the operator shall submit an application regarding amendments necessary to the permit to the board at least 45 working days prior to changes in the activity referred to in Annex 2 to this Regulation.

33. In the case referred to in Sub-paragraph 31.3 of this Regulation the operator shall submit an application regarding amendments necessary to the permit to the board at least 15 working days prior to changes in the activity referred to in Annex 2 to this Regulation.

34. The board shall examine the applications referred to in Paragraphs 32 and 33 of this Regulation within 15 working days and, if necessary, request additional information regarding the changes planned by the operator.

35. After completion of the examination referred to in Paragraph 34 of this Regulation the board shall make amendments to the permit issued to the operator, as well as, if necessary, take a decision to revise the conditions of the permit issued to the operator for the performance of Category A or Category B polluting activity or the certification of Category C polluting activity.

36. The board may take a decision to refuse to make amendments to the current permit, if in carrying out the examination referred to in Paragraph 34 of this Regulation it detects that:

36.1. the proposals submitted by the operator for amendments to the monitoring conditions do not conform to the conditions of Regulation No 601/2012 and will not promote more accurate emissions monitoring;

36.2. information related to the submitted amendments is false and does not conform to the situation in the installation.

37. The board may take a decision to commence the procedure of amending the permit, if the operator has not submitted an application in accordance with the procedures laid down in Paragraphs 32 and 33 of this Regulation regarding amendments necessary in the permit, however, the board has detected changes in the operation of the installation, taking into account:

37.1. the verification report referred to in Paragraph 61 of this Regulation, in which improvement or amendment of the previously prepared and approved monitoring conditions is recommended;

37.2. the report submitted by the operator in accordance with the laws and regulations regarding national statistical report forms of environmental protection;

37.3. the information submitted by the operator in accordance with the laws and regulations regarding the procedures for applying for Category A, B and C polluting activities and the issuance of permits for the performance of Category A and B polluting activities.

38. If the board has commenced the procedure of amending the permit referred to in Paragraph 37 of this Regulation, the operator shall make changes in the monitoring conditions of the installation and within 10 working days after request of the board submit an application regarding the amendments necessary to the permit.

39. If the operator has not submitted the application regarding the amendments necessary to the permit to the board in accordance with the procedures laid down in Paragraph 38 of this Regulation, the board shall make amendments to the permit issued to such operator, taking into account the information referred to in Paragraph 37 of this Regulation.

40. If the operator of the installation changes, the board shall update the permit on the basis of the application of the operator within 10 working days after receipt of the application of the operator regarding the amendments necessary to the permit, entering the data therein regarding the new operator, without changing the term of validity and conditions of the permit.

41. If the operator which according to the permit issued for emissions monitoring uses simplified monitoring conditions exceeds the threshold values laid down in Article 47(2) of Regulation No 601/2012, the operator together with the emissions report referred to in Paragraph 48 of this Regulation shall submit a justification to the board, according to which the relevant threshold values within the last five reporting years have not been exceeded and will not be exceeded, starting from the next reporting year and subsequently

42. The board shall evaluate the justification referred to in Paragraph 41 of this Regulation within 20 working days and take a decision to allow the operator to use the simplified monitoring conditions henceforth or take a decision not to approve the submitted justification, assigning the operator to draw up new proposals for monitoring conditions.

43. The board shall review the permits issued to the operators not less than once in five years. If after examination the board takes a decision on necessity to make amendments to the permit, it shall inform the operator thereof in writing within 15 working days after taking of the decision.

## **2.5. Revocation of a Permit**

44. The operator whose installation performs such activities referred to in Annex 2 to this Regulation the production capacity of which or the produced production volume does not

exceed the thresholds referred to in Annex 2 to the Law may submit an application to the board regarding revocation of the permit issued.

45. The board shall evaluate the application referred to in Paragraph 44 of this Regulation within 10 working days and take a decision to revoke the permit issued. The permit is revoked from the day when the decision of the board enters into effect.

46. The board shall take a decision to revoke the permit issued to the operator if:

46.1. it establishes that the installation has terminated its operation;

46.2. according to an application of the operator the relevant installation does not perform any of the activities referred to in Annex 2 to the Law;

46.3. the operator has provided false or misleading information or does not conform to the conditions referred to in the permit;

46.4. the operator has not provided information regarding material changes in the operation of the installation in accordance with Paragraph 33 of this Regulation;

46.5. the permit issued to the operator for Category A or B polluting activity is revoked in accordance with the Law On Pollution or in accordance with the laws and regulations regarding the procedures by which Category A, B and C polluting activities shall be declared and permits for the performance of Category A and B polluting activities shall be issued, or the permit issued to the operator for Category A or B polluting activity in accordance with the Administrative Procedure Law has ceased to be in effect;

46.6. the operator has been deleted from the list of persons performing Category C polluting activities.

### **3. Preparation, Examination and Approval of an Emissions Report**

#### **3.1. Preparation of an Emissions Report**

47. The operator according to the permit issued thereto:

47.1. shall perform emissions monitoring for all installations in which the activities referred to in Annex 2 to the Law are performed;

47.2. shall document and archive information regarding the performance of monitoring and the results obtained.

48. The operator shall indicate the emissions monitoring results in the emissions report. The emissions report shall be prepared in electronic form in accordance with the emissions report template indicated in Annex 4 to this Regulation, taking into account the minimum content of the monitoring conditions laid down in Annex X to Regulation No 601/2012.

49. The operator shall ensure that the data included in the emissions report coincide with the information provided by the operator in:

49.1. the annual statistical report on air protection in accordance with the laws and regulations regarding the requirements in relation to environmental monitoring and the procedures for the performance thereof;

49.2. to the Central Statistical Bureau in accordance with the laws and regulations regarding official statistics.

50. The operator shall not perform in the emissions report the rounding up of the data and intermediate results used in emissions calculation, but it shall only round up the final result – the total annual amount of emissions (in tonnes).

#### **3.2. Verification of the Emissions Report**



51. The operator shall submit the emissions report for verification and for preparation of the verification report.

52. The verification referred to in Paragraph 51 of this Regulation of the emissions report for the activities referred to in Annex 2 to the Law may be performed by a competent, independent conformity assessment authority accredited in accordance with Regulation No 600/2012 (hereinafter – verifier), which conforms to the following requirements:

52.1. the verifier has not participated in the preparation of an application for permit of the operator or the emissions report and does not depend on the operator in accordance with the requirements referred to Article 42 of Regulation No 600/2012;

52.2. the verifier is responsible for the performance of the verification process of the activities referred to in Annex 2 to the Law and the procedures for determination of greenhouse gas emissions generated by such activities, and reporting;

52.3. the verifier has a good knowledge of the requirements laid down in Directive 2003/87/EC of the European Parliament and of the Council of 13 October 2003 establishing a scheme for greenhouse gas emissions allowance trading within the Community and amending Council Directive 96/61/EC;

52.4. the verifier has a good knowledge of the requirements of Regulation No 600/2012, as well as the guideline documents drawn up by the European Commission within its framework;

52.5. the verifier has a good knowledge of the requirements laid down in laws and regulations in relation to activities to be verified and the information preparation procedure in relation to each source of emission in the installation, particularly in relation to data collection, measurement, calculation and provision of report.

53. The verifier shall plan and perform verification of the emissions report prepared by the operator in accordance with the requirements laid down in Regulation No 600/2012, concurrently verifying the credibility and accuracy of monitoring systems, as well as the data and information submitted regarding emissions, particularly:

53.1. data of the activities referred to in Annex 2 to the Law, the relevant measurements and calculations;

53.2. selection and use of factors for emissions calculation;

53.3. the calculations performed for determination of the overall emissions;

53.4. selection and use of measurement methods, if measurements are used in determination of emissions.

54. The verifier shall conform to the following general principles for verification of the emissions report:

54.1. strategic analysis – verification is based on a strategic analysis of all activities carried out in the installation;

54.2. process analysis – the verifier performs previously unannounced verifications in order to determine the credibility of the submitted data and information and, if necessary, verify the received information at the location of the installation;

54.3. risk analysis – the verifier identifies emission sources with an increased risk, as well as the aspects of the monitoring performed and operator activities, which are likely to contribute to errors in the determination of the overall emission, for example, the choice of the emissions factors and the calculations necessary to determine the level of the emission from individual sources, as well as particularly verifies the emission sources with an increased risk and other aspects referred to.

55. Upon performing verification of an emissions report, the verifier shall take into account:

55.1. whether the operator is registered with the eco-management and audit scheme of the European Union in accordance with Regulation (EC) No 1221/2009 of the European Parliament and of the Council of 25 November 2009 on the voluntary participation by organisations in a Community eco-management and audit scheme (EMAS), repealing Regulation (EC) No 761/2001 and Commission Decisions 2001/681/EC and 2006/193/EC;

55.2. any efficient risk management method used by the operator in order to reduce the probability of an error and the distribution of emissions.

56. The operator shall ensure that the verifier has access to any production object, installation and any information which is necessary for the performance of verification.

57. The verifier may, in accordance with Article 31(1) of Regulation No 600/2012, take a decision not to visit the installation, informing the relevant operator thereof without delay.

58. The operator shall submit an application to the board regarding approval of the decision of the verifier referred to in Paragraph 57 of this Regulation. The board shall approve the decision of the verifier within 10 working days after receipt of the application of the operator, evaluating the conditions referred to in Article 31(1) of Regulation No 600/2012.

59. The board shall approve the decision of the verifier not to visit the installation, if the information included in the application referred to in Paragraph 58 of this Regulation is justified. If the board does not approve the decision of the verifier not to visit the installation, the verifier must visit the installation in accordance with Article 21 of Regulation No 600/2012.

60. The approval of the board is not necessary, if the decision of the verifier not to visit the installation concerns the installations referred to in Paragraph 11 of this Regulation with low emissions.

61. Taking into account the information obtained during verification, the verifier shall within 15 working days after receipt of the emissions report prepared by the operator prepare and send the verification report to the operator in printed and electronic form, using the verification report template drawn up by the European Commission. The verification methodology, the established facts and the verification opinion shall be indicated in the verification report.

62. The verifier shall indicate in the verification report its conformity with the following principles – completeness, consistency, transparency, accuracy, cost efficiency and credibility – and provide a satisfying verification opinion (verify the emissions report prepared by the operator), if:

62.1. the monitoring information included in the emissions report is true and there are no contradictions;

62.2. accounting of emissions and calculations in the installation are complete and consistent;

62.3. data is compiled in accordance with the conditions laid down in Regulation No 601/2012;

62.4. the sum of all established false statements does not exceed the materiality level determined in Article 23 of Regulation 600/2012 – 5% for installations of Category A and B or 2% for installations of Category C.

63. The operator shall make all corrections indicated by the verifier during verification of the emissions report. If during verification the operator does not make the corrections indicated

by the verifier, the verifier has the right to provide an unfavourable opinion in the report of the verifier.

64. The verifier shall be responsible for non-disclosure of such information, which the operator has classified as commercial secret in the emissions report.

### **3.3. Conditions for the Performer of Verification of an Emissions Report**

65. The Latvian National Accreditation Bureau shall evaluate the verifier in accordance with the laws and regulations regarding evaluation, accreditation and supervision of conformity assessment authorities, using the provisions and recommendations of the Latvian National Accreditation Bureau, as well as taking into account the criteria laid down in Regulation No 600/2012.

66. Upon accrediting the verifier for verification of the activities referred to in Annex 2 to the Law the Latvian National Accreditation Bureau shall certify that the verifier conforms to the requirements laid down in Regulation No 600/2012.

67. The Latvian National Accreditation Bureau shall perform annual supervision of each accredited verifier in accordance with Article 49 of Regulation No 600/2012.

68. If the board detects material non-conformities of information and data in the emissions report submitted by the operator with the information or data in the installation and the verifier has not detected such non-conformities or has ignored them, the board shall notify the Latvian National Accreditation Bureau thereof, if the particular emissions report is verified by a verifier accredited by the Latvian National Accreditation Bureau, or the accreditation organisation of such state in which the particular verifier has been accredited in accordance with Regulation No 600/2012.

69. The board shall include the following information in the report referred to in Paragraph 68 of this Regulation:

69.1. the name of the relevant verifier and names of such persons who verified the particular emissions report;

69.2. the non-conformities detected;

69.3. the consequences which have arisen due to admitting or not correcting information or data non-conformity (for example, incorrect amount that exceeds the materiality level referred to in Sub-paragraph 62.4 of this Regulation has been calculated and determined to the operator due to not noticing data error or intentional admission thereof).

70. The operator, the board or the Ministry of Environmental Protection and Regional Development is entitled to submit a complaint to the Latvian National Accreditation Bureau regarding a verifier accredited in Latvia, and the Latvian National Accreditation Bureau shall examine it in accordance with the procedures laid down in Article 61 of Regulation No 600/2012.

71. The Latvian National Accreditation Bureau shall take a decision, in accordance with the procedures laid down in the laws and regulations regarding assessment, accreditation and supervision of conformity assessment authorities, to revoke or suspend accreditation of the verifier or to reduce the scope of accreditation in the following cases:

71.1. in performing the supervision referred to in Paragraph 67 of this Regulation it has been detected that the verifier does not conform to the requirements of Regulation No 600/2012;

71.2. upon evaluating the management report referred to in Paragraph 68 of this Regulation a material violation in activities of the verifier has been established;

71.3. upon evaluating the complaint referred to in Paragraph 70 of this Regulation it has been detected that the verifier has seriously violated or repeatedly not conformed to the requirements of Regulation No 600/2012;

71.4. in the case determined in Article 53(2) and (3) of Regulation No 600/2012.

72. The Latvian National Accreditation Bureau shall send the decision referred to in Paragraph 71 of this Regulation to revoke or suspend accreditation of the verifier or to reduce the scope of accreditation to the addressee of the decision and shall publish information regarding taking of the decision on its website.

73. The Latvian National Accreditation Bureau shall renew accreditation of such verifier, which has been suspended according to the decision referred to in Paragraph 71 of this Regulation, if:

73.1. the verifier has eliminated non-conformities and performed all the necessary activities in order to prevent repetition thereof;

73.2. the Latvian National Accreditation Bureau has ascertained that the verifier conforms to all the requirements laid down for verifiers in Regulation No 600/2012.

### **3.4. Evaluation and Approval of Emissions Reports**

74. Each year by 15 March the operator shall submit to the board:

74.1. the emissions report, indicating which information included in the emissions report is classified as commercial secret;

74.2. the verification report.

75. The operator shall submit the emissions report and the verification report to the board within 45 working days after the relevant event occurred, if:

75.1. the decision of the board to revoke the permit has entered into effect;

75.2. reorganisation of the operator, including change of the operator, has been performed;

75.3. liquidation of the operator has been performed;

75.4. the installation has discontinued operation.

76. If the operator discontinues operation, the administration or liquidator of the operator shall ensure submission of the reports referred to in Paragraph 75 of this Regulation.

77. The board shall evaluate the emissions report and verification report submitted by the operator, taking into account:

77.1. the following conditions:

77.1.1. the emissions report and verification report has been submitted within the time periods laid down in this Regulation and in the format laid down in Paragraph 3 of this Regulation;

77.1.2. the emissions report and verification report has been prepared in accordance with the requirements referred to in Paragraphs 48 and 61 of this Regulation;

77.1.3. the emissions report has been verified as satisfactory;

77.2. the following information:

77.2.1. the information referred to in the permit issued to the operator;

77.2.2. the information submitted by the operator during the drawing up of a list of installations for emission allowance distribution for 2013-2020;

77.2.3. the information indicated in the verification report regarding non-material false declarations established during verification;

77.2.4. the annual statistical report on air protection submitted by the operator in accordance with the laws and regulations regarding the requirements in relation to environmental monitoring and the procedures for the performance thereof.

78. After evaluation of the emissions report the board shall each year by 31 March:

78.1. approve the conformity of the emissions report and verification report submitted by the operator with the conditions referred to in Sub-paragraph 77.1 of this Regulation, as well as the conformity of the emissions report with the information referred to in Sub-paragraph 77.2 of this Regulation;

78.2. take a decision not to approve the emissions report and verification report submitted by the operator, indicating all non-conformities established, and inform the operator thereof within two working days.

79. The operator shall make corrections in the emissions report within 10 working days in order to eliminate the non-conformities established by the board and shall re-submit it to the board.

80. The board shall evaluate the re-submitted information and take a decision to approve or not to approve the emissions report and verification report submitted by the operator.

81. If the board in accordance with Sub-paragraph 78.2 or Paragraph 80 of this Regulation takes a decision not to approve the emissions report and verification report submitted by the operator, the operator may contest the action of the board at the Environment State Bureau.

#### **4. Non-compliance with the Obligations of the Operator**

82. The board shall calculate annual emissions of the operator or shall determine the approximate annual emissions of the operator as accurately as possible, if:

82.1. the operator has not submitted the information referred to in Paragraph 74 of this Regulation until 31 March of the relevant year;

82.2. the board has taken a decision, in accordance with Sub-paragraph 78.2 or Paragraph 80 of this Regulation, not to approve the emissions report and verification report submitted by the operator;

82.3. the emissions report has not been verified;

82.4. the verifier has pointed to non-material false declarations in the verification report, which have not been corrected by the operator prior to submitting the verification report, assessing the impact of such false declarations.

83. The board shall use the following information and data in the emissions calculation referred to in Paragraph 82 of this Regulation or determination of approximate emissions:

83.1. the annual statistical report on air protection submitted by the operator in accordance with the laws and regulations regarding the requirements in relation to environmental monitoring and the procedures for the performance thereof;

83.2. the emissions report submitted in the previous year;

83.3. the information submitted to the Central Statistical Bureau in accordance with the laws and regulations regarding national statistics (for example, report on utilisation of energy resources, report on production of thermal energy and electricity, report on annual activity, report on production of industrial product types).

84. The State Environmental Service shall use the emissions calculated or determined in accordance with Paragraph 82 of this Regulation by the operator for the calculation of the natural resources tax of the operator in accordance with the Natural Resources Tax Law, if the operator has not submitted information in accordance with Paragraph 74 of this Regulation and has not carried out surrender of emission allowances in accordance with the laws and regulations regarding activities with emission allowances.

85. If the emissions report of the operator has not been approved in accordance with the procedures laid down in Sub-paragraph 78.1 or Paragraph 80 of this Regulation until 31 March of the current year:

85.1. the board shall inform the State limited liability company “Latvian Environment, Geology and Meteorology Centre” (hereinafter – Latvian Environment, Geology and Meteorology Centre) regarding the relevant operators on 1 April or on the following working day after 1 April;

85.2. the Latvian Environment, Geology and Meteorology Centre, on the basis of the information referred to in Sub-paragraph 85.1 of this Regulation, shall block the accounts of the relevant operators in the emissions register without delay.

86. The board shall inform the Latvian Environment, Geology and Meteorology Centre regarding the decision taken to approve the emissions report submitted by the operator referred to in Sub-paragraph 85.1 of this Regulation within one working day. The Latvian Environment, Geology and Meteorology Centre shall unblock the accounts of the relevant operators in the emissions register without one working day after receipt of such information.

## **5. Exchange of Information and Publication**

87. The State Environmental service shall each year by 31 March:

87.1. publish the emissions report and verification report submitted by the operator, as well as the approval of the board or a decision not to approve the report on its website;

87.2. send the approved emissions reports referred to in Sub-paragraph 78.1 and Paragraph 80 of this Regulation to the Latvian Environment, Geology and Meteorology Centre.

88. If the board has approved the information submitted by the operator in accordance with Sub-paragraph 78.1 and Paragraph 80 of this Regulation later than on 31 March of the current year, the information referred to in Sub-paragraph 87.1 of this Regulation shall be published on the website of the State Environmental Service within one working day after taking of the decision.

89. The State Environmental Service shall post on its website:

89.1. the templates and guideline documents drawn up within the scope of Regulation No 600/2012 and Regulation No 601/2012;

89.2. a sample application template for the receipt of the permit (Annex 1);

89.3. a sample permit template (Annex 3);

89.4. a sample emissions report template (Annex 4);

89.5. all permits issued to operators and the monitoring conditions included therein;

89.6. decisions of the board regarding amendments to permits, refusal to issue a permit, to revoke a permit;

89.7. the list of laboratories referred to in Paragraph 28 of Annex 2 to this Regulation, which are not accredited in accordance with the standard LVS EN ISO/IEC 17025:2005, however, the analysis performed in which are recognisable for determination of the data necessary for monitoring of and reporting on the activities referred to in Annex 2 to the Law.

## 6. Closing Provisions

90. Cabinet Regulation No. 400 of 22 April 2004, Procedures for the Application and Issuance of a Permit for Greenhouse Gas Emission (*Latvijas Vēstnesis*, 2004, No. 69; 2005, No. 124), is repealed.

91. Cabinet Regulation No. 778 of 7 September 2004, Procedures for Monitoring of Greenhouse Gas Emissions, as well as Verification and Approval of Annual Reports regarding Greenhouse Gas Emissions (*Latvijas Vēstnesis*, 2004, No. 144), is repealed from 1 July 2013.

92. Chapters 3, 4, 5 and 6 of this Regulation, as well as the condition laid down in Paragraph 3 regarding submitting information on the website of the single environmental information system “TULPE” of the State Environmental Service shall come into force from 1 July 2013.

93. The conditions included in this Regulation regarding emissions monitoring shall apply to activities performed in installations starting from 1 January 2013.

### Informative Reference to the European Union Directives

This Regulation contains legal norms arising from:

1) Directive 2003/87/EC of the European Parliament and of the Council of 13 October 2003 establishing a scheme for greenhouse gas emissions allowance trading within the Community and amending Council Directive 96/61/EC;

2) Directive 2008/101/EC of the European Parliament and of the Council of 19 November 2008 amending Directive 2003/87/EC so as to include aviation activities in the scheme for greenhouse gas emission allowance trading within the Community;

3) Directive 2009/29/EC of the European Parliament and of the Council of 23 April 2009 amending Directive 2003/87/EC so as to improve and extend the greenhouse gas emission allowance trading scheme of the Community.

Acting for the Prime Minister – Minister for Defence

A. Pabriks

Minister for Environmental Protection and Regional Development

E. Sprūdžs

**In the wording submitted by the Ministry of Environmental Protection and Regional Development**

**Annex 1**  
Cabinet Regulation No. 769  
13 November 2012

**Application for the Receipt of the Permit for Greenhouse Gas Emission**

\_\_\_\_\_ (indicate the time period<sup>1</sup>)

Regional environmental board of \_\_\_\_\_ of the State Environmental Service<sup>2</sup>

**Operator**

Name or given name and surname of the merchant

Contact details:

address

telephone and fax number

e-mail address

Registration number in the Enterprise Register, single registration number or personal identity number of the merchant

Registration date in the Enterprise Register or the Commercial Register of the Enterprise Register

Name of the dominant undertaking, if the operator is a dependent undertaking of the group of companies

**Authorised contact person of the operator**

Given name and surname

Contact details:

address

telephone and fax number

e-mail address

**Installation**

Name

Address of location (also postal code and name of the country)

Code of territory

Geographical co-ordinates of the \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ " \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ "

<sup>1</sup> In accordance with Section 24.<sup>1</sup>, Paragraph five to the Law On Pollution.

<sup>2</sup> Indicate the specific regional environmental board of the State Environmental Service in which the application is submitted.



location <sup>3</sup>	(North latitude)	(East longitude)
Number of the another permit issued to the installation and laid down in the laws and regulations of environmental protection (specify the type of the permit) <sup>4</sup>		
<hr/>		
<b>Owner of the installation</b>		
Name of the merchant or given name and surname of the owner		
Contact details:		
address		
telephone and fax number		
e-mail address		
<hr/>		
Registration number in the Enterprise Register, single registration number or personal identity number of the merchant		
Registration date in the Enterprise Register or the Commercial Register of the Enterprise Register		
<hr/>		

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<sup>3</sup> Location of the installation on the map, in the territory of buildings and production units, to be indicated in the map at a scale corresponding to the installation 1:25000, 1:10000, 1:5000 or 1:500 (append in annex).

<sup>4</sup> Number of the permit for the performance of Category A or Category B polluting activity, number of a valid permit for emission of air polluting substances from stationary pollution sources (if the operator has not received a permit for the performance of Category A or Category B polluting activity) or the date of issuance or issuer of the certification of Category C polluting activity.

## **Section A. Monitoring Plan of Emissions Generated by the Polluting Activities Referred to in Annex 2 to the Law On Pollution<sup>1</sup>**

(the operator shall complete only such parts of the section that correspond to the particular activity)

- 1) Sections of the template of the monitoring plan which are related to specific installations of the operator to the polluting activities referred to in Annex 2 to the Law On Pollution performed in which these monitoring conditions are applied.
- 2) Name of the Excel file of the monitoring plan template added in the annex.

<sup>1</sup> The operator shall draw up proposals for the monitoring conditions in the form of a monitoring plan, using the uniform monitoring plan form drawn up by the European Commission and according to the minimum content of monitoring conditions provided in Annex I to the Monitoring and Reporting Regulation.

## **Section B. Summary<sup>1</sup>**

- 1) Technological installations and their operation, including technologies used.
- 2) Sources of CO<sub>2</sub> emission from the installation.
- 3) Heating fuel, raw materials and auxiliary materials, the use of which creates CO<sub>2</sub> emission, and the production produced, the data provided regarding which is used in calculating CO<sub>2</sub> emission from production processes.
- 4) Planned amount of CO<sub>2</sub> emission.
- 5) Planned monitoring and reporting measures.

<sup>1</sup> This Section shall include a summary of information, in which special technical descriptions and terms are not used in order for it to be easily comprehensible.

## **Section C. Annexes<sup>1</sup>**

Annexes to be included mandatorily:

- 1) a scheme in which sources of emission, source streams, sampling places and measuring devices are shown;
- 2) a list of all the relevant emission locations during regular operation, as well as in restriction and transitional sections, including during emergency periods or upon putting the installation in operation, and a scheme of process appended thereto, if the operator is using measurement-based methodology for determination of emissions.

<sup>1</sup> This Section shall include a list of all the documents appended to the application, indicating their name and the name and format of their files.

## **Section D. Certification of the Operator**

I certify that the information provided in the application is true and accurate.

Operator or the person authorised by the operator

Given name, surname \_\_\_\_\_

signature \_\_\_\_\_

Date \_\_\_\_\_

Phone number \_\_\_\_\_

Place for a seal \_\_\_\_\_

Notes of the regional environmental board of the State Environmental Service

Date of receipt \_\_\_\_\_

Official of the regional environmental board of the State Environmental Service:

Given name, surname \_\_\_\_\_

signature \_\_\_\_\_

Date \_\_\_\_\_

Place for a seal \_\_\_\_\_

Minister for Environmental Protection and Regional Development

E. Sprūdžs

## **Additional Conditions for the Emissions Monitoring Conditions**

### **I. Emissions Determination Levels**

1. The operator shall apply the following to emissions determination:
  - 1.1. the highest level indicated in Paragraph 1 of Annex V to Commission Regulation (EU) No 601/2012 of 21 June 2012 on the monitoring and reporting of greenhouse gas emissions pursuant to Directive 2003/87/EC of the European Parliament and of the Council (hereinafter – Regulation No 601/2012) for each source of emissions which emits equivalent of more than 5000 tonnes of CO<sub>2</sub> per year or which ensures more than 10% of the total annual emissions in the installation, depending on which value is larger in terms of absolute emissions;
  - 1.2. the level which is one degree lower than the highest level, or the highest levels which is indicated in Annex II to Regulation No 601/2012 for all other sources of emissions.
  
2. The operator may use the next lower level (taking into account that the minimum level is the first level), if the operator may justify to the regional environmental board of the State Environmental Service (hereinafter – board) that:
  - 2.1. application of the level referred to in Paragraph 1 of this Annex is technically not feasible or would incur incommensurate costs;
  - 2.2. application of the calculation-based methodology using the levels referred to in Article 26 of Regulation No 601/2012 is technically not feasible or would incur incommensurate costs.
  
3. With a permission of the board the operator shall apply a level that is one level lower than the minimum emissions calculation level laid down in Annex V to Regulation No 601/2012 for the installations of Category C laid down in Article 19(2) thereof and up to two levels lower for the installations of Category A and B laid down in Article 19(2) (the minimum level is the first level), up to three years in transitional period, if:
  - 3.1. the operator justifies that the level determined is technically not feasible or would incur incommensurate costs;
  - 3.2. the operator submits a plan of improvements, indicating how and when at least the minimum emissions calculation level laid down in Paragraph 3 of this Annex will be achieved.

### **II. Additional Conditions for the Use of Biomass**

4. With the permission of the board the operator may choose a method which does not provide for levels of emissions calculations, including the energy balance method, in order to determine the data of activity and the relevant factors of emissions calculation:
  - 4.1. if the biomass fraction of mixed-composition heating fuel or materials is 97% or more;
  - 4.2. if due to the quantity of emissions which is related to the fossil fraction of heating fuel or materials, it shall be considered as *de minimis* source stream;

4.3. if the relevant value is not to be used for deducting CO<sub>2</sub> obtained from biomass from emissions determined in the continuous measurements of emission.

5. If according to the necessary level of emissions calculation and the availability of the corresponding standard values as indicated in Article 31(1) of Regulation No 601/2012 the biomass fraction of a particular heating fuel and material is determined, using analysis, the operator shall determine this biomass fraction on the basis of the relevant standard and its analytical methods.

6. If determination of biomass fraction in a heating fuel or material of mixed composition, using analyses, is technically not feasible or would incur incommensurate costs in accordance with Paragraph 5 of this Annex, the operator shall justify the calculations by standard emissions factors and values of biomass fraction in relation to the heating fuel and materials of mixed compositions, as well as the guideline documents drawn up within the scope of Regulation No 601/2012.

7. If there are no standard coefficients and values referred to in Paragraph 6 to this Annex, the operator shall either accept the non-existence of the biomass part, or submit another selected calculations method for determination of biomass fraction to the board.

8. In relation to the heating fuel or materials which have occurred as a result of production process involving defined and traceable input flows, the operator may ground the biomass fraction determination calculation on the fossil and biomass carbon mass balance input during the process and discharged therefrom.

### **III. Additional Conditions for Determination of Operational Data**

9. If the means of measurement used by the operator are subject to metrological control in accordance with the laws and regulations regarding calibration or verification of means of measurement, calibration and verification certificates and relevant notes, the operator, upon ensuring the fulfilment of the conditions laid down in Article 28 of Regulation No 601/2012, may use the results of measurement, which are provided in the installation by the measurement system under control of the operator itself, in order to determine operational data in accordance with Article 27 of Regulation No 601/2012.

10. Upon ensuring the fulfilment of Paragraph 9 of this Annex, the maximum admissible error permitted in the laws and regulations regarding calibration or verification of means of measurement, calibration and verification certificates and relevant notes may be used as uncertainty without providing additional evidence.

11. If the operator uses mass balance methodology for determination of bulk operational data, in addition to the methods laid down in Article 27(2) of Regulation No 601/2012 the operator may use independent qualified assessors, which determine the operational data according to scientific standards.

### **IV. Additional Conditions for the Use and Determination of Emissions Calculation Factors**

12. The operator may calculate emissions, using emission factors expressed as emission of tonnes of CO<sub>2</sub> per tonne of heating fuel ((t CO<sub>2</sub>/t) or tonnes CO<sub>2</sub> per normal cubic metre (t CO<sub>2</sub>/Nm<sup>3</sup>) of heating fuel:

12.1. if emissions are calculated for such quantity of heating fuel, which is also expressed as tonnes or normal cubic metres, taking into account corresponding oxidation coefficient;

12.2. if the use of such emission factors and its accuracy may be justified;

12.3. if the use of such emission factor may cause an equivalent accuracy in calculations of emissions, which is determined by the use of such emission factor that is expressed as t CO<sub>2</sub>/TJ;

12.4. if the use of such emission factor that is expressed as t CO<sub>2</sub>/TJ incurs incommensurate costs.

13. The coefficient 3,664 t CO<sub>2</sub>/t C must be used for emissions calculation, using the emission factor referred to in Paragraph 12 of this Annex, in order to recalculate the carbon content in a corresponding value of CO<sub>2</sub> related emission factor and vice versa.

14. If the operator uses the emission factor referred to in Paragraph 12 of this Annex in emissions calculation, the operator may perform monitoring in relation to the lowest calorific value, using lower levels than the highest level laid down in Annex II to Regulation No 601/2012.

15. If several heating fuels are used in the installation of the operator and the third level must be used in relation to a particular oxidation coefficient, the operation shall:

15.1. determine one aggregated oxidation coefficient for the whole combustion process and apply it to all types of the heating fuel;

15.2. apply unfinished oxidation to one large source stream and may use the value "one" of the oxidation coefficient for other source streams;

15.3. prove that, upon applying the conditions referred to in Sub-paragraphs 15.1 and 15.2 of this Annex, emissions will not be evaluated too low, if biomass or heating fuel of mixed composition is used.

16. If the operator uses such types of heating fuel in the installation, which are not commercial standard heating fuel as laid down in Article 3(31) of Regulation No 601/2012, the operator shall determine the lowest calorific value and emission factors, using the same levels as provided for an equivalent commercial standard heating fuel, provided that in accordance with Article 31(4) of Regulation No 601/2012 the particular value of the lowest calorific value during the last three years has not differed by more than 1% from the equivalent value of the commercial standard heating fuel.

17. The operator shall, at least once in three years, submit to the board all information which justifies the method for determination of the lowest combustion and heat and emission factor referred to in Paragraph 16 of this Annex and the values of the lowest calorific value, in comparison with the equivalent value of the commercial standard heating fuel.

## **V. Determination of Uncertainty**

18. In accordance with Article 3(6) of Regulation No 601/2012 uncertainty is a parameter which:

18.1. is associated with the result of the determination of a quantity;

18.2. characterises the dispersion of the values that could reasonably be attributed to the particular quantity, including the effects of systematic as well as of random factors, expressed in per cent;

18.3. describes a confidence interval around the mean value comprising 95 % of inferred values taking into account any asymmetry of the distribution of values.

19. The uncertainty threshold shall mean maximum permissible uncertainties for determination of source flows in the reporting period.

20. The operator shall use the guideline documents drawn up within the scope of Regulation No 601/2012 for determination of uncertainty.

## **VI. Additional Conditions for the Use of Analyses**

21. If the emissions calculation factors are determined using analyses, the operator shall prepare a sampling plan in relation to each heating fuel or material, drawing up the plan as a written procedure and including information therein regarding the methodology for preparation of samples, indicating the duties, locations, frequency and quantities, as well as the methodology for storage and transportation of samples.

22. The operator shall ensure the availability of the sampling plan for verification of the annual emissions report.

23. The operator, upon reaching an agreement with the laboratory which performs analyses of the relevant heating fuel or material, may adjust the elements of the sampling plan, if analytical results show that heterogeneity of the heating fuel or material is significantly different from such information regarding heterogeneity, on which the initial sampling plan of the relevant heating fuel or material is based.

24. The operator shall use the guideline documents drawn up within the scope of Regulation No 601/2012 for preparation of the sampling plan.

25. With the permission of the board the operator may apply frequency of performance of analysis other than indicated for the relevant heating fuel or material in Annex VII of Regulation No 601/2012, in one of the following cases:

25.1. the minimum frequency is not known;

25.2. the operator may prove to the board that:

25.2.1. on the basis of historical data, including analytical values for relevant heating fuel or material in the period of emission allowance trade which was directly before the current period of emission allowance trade, any fluctuations of analytical values for the relevant heating fuel or material do not exceed 1/3 of the uncertainty value, which must be complied with by the operator in accordance with Regulation No 601/2012 in relation to determination of the activity data of such heating fuel or material;

25.2.2. using the frequency of performance of the requested analysis, incommensurate costs would be incurred.

## **VII. Additional Conditions for the Use of Laboratories**

26. The operator shall use such laboratories for determination analysis of the data and parameters necessary for calculation, as well as in relation to continuous emissions measurement systems for measuring of emissions, calibration and evaluation of the relevant equipment, which have been accredited for the relevant analytical methods in accordance with the standard LVS EN ISO/IEC 17025:2005 for the relevant analytical methods or calibration activities.

27. In an exceptional case the operator may use non-accredited laboratories for determination of emissions calculation factors with the permission of the board, if:

27.1. the laboratory is included in the list of recognised non-accredited laboratories referred to in Paragraph 28 of this Annex;

27.2. it may be sufficiently justified to the board that use of laboratories accredited in accordance with the standard LVS EN ISO/IEC 17025:2005 is technically not feasible or their use incurs incommensurate costs;

27.3. the accuracy of the results of such laboratories may be justified with the help of inter-laboratory testing results, if testing is performed not less than once a quarter, using at least two independent laboratories not related to the operator.

### **VIII. List of Recognised Non-accredited Laboratories**

28. The State Environmental Service in co-operation with verifiers accredited in Latvia within the scope of Commission Regulation (EU) No 600/2012 of 21 June 2012 on the verification of greenhouse gas emissions reports and tonne-kilometre reports and the accreditation of verifiers pursuant to Directive 2003/87/EC of the European Parliament and of the Council (hereinafter – Regulation No 600/2012) shall create and regularly update the list of such laboratories, which are not accredited in accordance with the standard LVS EN ISO/IEC 17025:2005, but the analyses performed in which should be recognised for determination of the data necessary for monitoring of the activities referred to in Annex 2 to the Law On Pollution and reporting (hereinafter – list of recognised non-accredited laboratories), taking into account Regulation No 601/2012 and the guideline documents drawn up within the scope thereof.

29. Proposals for the creation or supplementation of the list of recognised non-accredited laboratories referred to in Paragraph 28 of this Annex may be submitted by:

29.1. the Latvian National Accreditation Bureau;

29.2. environmental verifiers accredited in Latvia in accordance with the laws and regulations regarding assessment, accreditation and supervision of conformity assessment authorities;

29.3. the testing and calibration laboratories accredited in Latvia;

29.4. operators of stationary technological installations of the emission allowance trading scheme of the European Union.

30. For inclusion of a non-accredited laboratory in the list of recognised non-accredited laboratories the institutions referred to in Paragraph 29 of this Annex or merchants shall submit to the State Environmental Service:

30.1. a copy of the certificate, which certifies that a quality management system which corresponds to the requirements of the standard LVS EN ISO 9001:2009 or another standard of the quality management system and which has been certified by an accredited certification authority of management systems, the competence of which has been assessed in accordance with the requirements of the standard LVS EN ISO/IEC17021:2011, has been established and introduced in the laboratory;

30.2. if the laboratory is a part of a larger organisation – a copy of the certificate, which certifies that a quality management system which corresponds to the requirements of the standard LVS EN ISO 9001:2009 or another standard of the quality management system and which has been certified by an accredited certification authority of management systems, the competence of which has been assessed in accordance with the requirements of the standard LVS EN ISO/IEC17021:2011, has been established and introduced in the organisation and proves that the quality system of the organisation also includes laboratory activities;



30.3. if there is not certified quality management system – evidence that the laboratory conforms to the requirements of the standard LVS EN ISO/IEC 17025:2005 in such a way and such level of detail as indicated in Articles 12(2) and 34(3) of Regulation No 601/2012.

#### **IX. Additional Conditions for the Determination of Characteristic CO<sub>2</sub>**

31. If the difference between the quantity of the transferred or received characteristic CO<sub>2</sub> cannot be explained by the uncertainty interval approved by measurement systems, operators of the transferring or receiving installation shall co-ordinate the relevant values, performing conservative corrections.

32. The operators referred to in Paragraph 31 of this Annex shall indicate the conservative corrections performed in the emissions report.

Minister for Environmental Protection and Regional Development

E. Sprūdžs

**In the wording submitted by the Ministry of Environmental Protection and Regional Development**

**Annex 3**  
Cabinet Regulation No. 769  
13 November 2012

**Greenhouse Gas Emission Permit No.** \_\_\_\_\_

\_\_\_\_\_ (indicate the time period<sup>1</sup>)

Regional environmental board of \_\_\_\_\_ the State Environmental Service<sup>2</sup>

Contact details:

address \_\_\_\_\_

telephone and fax number \_\_\_\_\_

e-mail address \_\_\_\_\_

**Operator**

Name or given name and surname of the merchant \_\_\_\_\_

Contact details:

address \_\_\_\_\_

telephone and fax number \_\_\_\_\_

e-mail address \_\_\_\_\_

Registration number in the Enterprise Register, single registration number or personal identity number of the merchant \_\_\_\_\_

Registration date in the Enterprise Register or the Commercial Register of the Enterprise Register \_\_\_\_\_

Name of the dominant undertaking, if the operator is a dependent undertaking of the group of companies \_\_\_\_\_

**Authorised contact person of the operator**

Given name and surname \_\_\_\_\_

Contact details:

address \_\_\_\_\_

telephone and fax number \_\_\_\_\_

e-mail address \_\_\_\_\_

<sup>1</sup> In accordance with Section 24.<sup>1</sup>, Paragraph five of the Law On Pollution.

<sup>2</sup> Indicate the specific regional environmental board of the State Environmental Service in which the application is submitted.

**Installation**

Name \_\_\_\_\_

Address of location (also postal code and name of the country) \_\_\_\_\_

Code of territory \_\_\_\_\_

Geographical co-ordinates of the location<sup>3</sup>

____ ° ____ ' ____ " (North latitude)	____ ° ____ ' ____ " (East longitude)
------------------------------------------	------------------------------------------

**Owner of the installation**

Name of the merchant or given name and surname of the owner \_\_\_\_\_

Contact details: \_\_\_\_\_

address \_\_\_\_\_

telephone and fax number \_\_\_\_\_

e-mail address \_\_\_\_\_

Registration number in the Enterprise Register, single registration number or personal identity number of the merchant \_\_\_\_\_

Registration date in the Enterprise Register or the Commercial Register of the Enterprise Register \_\_\_\_\_

Date of acceptance of the application for the receipt of a permit \_\_\_\_\_

Type of the polluting activity referred to in Annex 2 to the Law On Pollution:

1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_

... \_\_\_\_\_

The installation submits an application for the receipt of a permit in accordance with Section 24.<sup>1</sup>, Paragraph three of the Law On Pollution (mark with an X)

NACE Rev. 2 code (codes) of the activity performed by the installation <sup>4</sup>	1)
	2)
	3)
	...
PRODCOM 2010 code (codes) of the activity performed by the installation	1)
	2)
	3)
	...

<sup>3</sup> Location of the installation on the map, in the territory of buildings and production units, to be indicated in the map at a scale corresponding to the installation 1:25000, 1:10000, 1:5000 or 1:500 (append in annex).

<sup>4</sup> In accordance with Regulation (EC) No 1893/2006 of the European Parliament and of the Council of 20 December 2006 establishing the statistical classification of economic activities NACE Revision 2 and amending Council Regulation (EEC) No 3037/90 as well as certain EC Regulations on specific statistical domains.

The permit is issued (mark with an X):

for a new installation


for an existing installation

The permit is amended (mark with an X):

--

The permit gives the right \_\_\_\_\_,  
(name of the operator)

in conformity with the conditions included in the permit, to emit CO<sub>2</sub>

the following greenhouse gases (mark with an X):

N<sub>2</sub>O

PFC


Director of the regional  
environmental board of \_\_\_\_\_

the State Environmental Service

Date \_\_\_\_\_

(signature and full name)

Place for a seal

Date of issuing the permit \_\_\_\_\_

Place \_\_\_\_\_

Recipient of the permit \_\_\_\_\_

(signature and full name)

Date \_\_\_\_\_

### Section A

#### General Information Regarding the Permit

1. The laws and regulations on the basis of which the permit was issued and the laws and regulations applied.
2. Information regarding: the permit for the performance of Category A or Category B polluting activities, the certification of Category C polluting activity issued to such operator.
3. Recipients of copies of the permit.
4. Information which was classified as restricted access information.

### Section B

#### Declared Activity and Assessment of the Application for the Receipt of the Permit

5. Short description of the polluting activity referred to in Annex 2 to the Law On Pollution and the emissions generated in the activity.
6. Information regarding the installations performing the polluting activities referred to in Annex 2 to the Law On Pollution, their location and layout.
7. Proposals submitted during the decision-making process:

- 7.1. proposals of State or local government institutions;
- 7.2. proposals of the public.

8. Assessment of the application:

- 8.1. use of the best available technologies;
- 8.2. the cleaner production measures introduced and planned;
- 8.3. use of resources (energy, heating fuel, raw materials and auxiliary materials);
- 8.4. information regarding registration with the register of environmental administration and audit system.

### **Section C Permit Conditions**

9. List of the installations to which the permit applies.

10. Conditions for the operation of installations.

11. Conditions for the use of resources in installations:

- 11.1. energy;
- 11.2. heating fuel, raw materials and auxiliary materials.

12. Conditions for the monitoring of the activities performed in the installation by emission allowance trading schemes and emissions generated thereby in accordance with a monitoring plan appended in Annex 1.

13. Sampling conditions, if calculation factors are determined, using analysis in accordance with the sampling plan appended in Annex 2 to the permit.

14. Conditions for regular control of environmental State inspectors.

### **Section D Conditions for Fulfilment of the Liabilities of the Operator**

15. Conditions for annual emissions reports:

- 15.1. conditions for the preparation and verification of emissions reports;
- 15.2. procedures for the application of emissions reports;
- 15.3. conditions for the evaluation of emissions reports.

16. Conditions for the fulfilment of the liabilities of the operator in relation to the surrender of emission allowances.

17. Requirements for the information to be submitted to environmental protection authorities, if conditions of the permit are violated.

### **Annexes**

18. Conditions for the monitoring of the performed polluting activities referred to in Annex 2 of the Law On Pollution and emissions generated thereby – Annex 1 (according to the monitoring plan template prepared by the operator).

19. Sampling plan – Annex 2.

20. Summary of the permit – Annex 3.

21. Proposals of the public, local governments, other authorities regarding issuance of the permit and its conditions, protocols regarding meeting the operator and representatives of authorities, opinion on the conformity of the installation with the information provided in the application – Annex 4.

22. Schemes – Annex 5:

22.1. scheme in which sources of emission, source streams, sampling places and measuring devices are shown;

22.2. scheme of the process performed in installations, if the operator is using measurement-based methodology for determination of emissions.

Minister for Environmental Protection and Regional Development

E. Sprūdžs

**In the wording submitted by the Ministry of Environmental Protection and Regional  
Development**

**Annex 4**  
Cabinet Regulation No. 769  
2012. 13 November 2012

**Emissions Report**  
\_\_\_\_\_ (year)

**I. Information regarding operator**

**Operator**

Name or given name and surname  
of the merchant \_\_\_\_\_

Contact details:

address \_\_\_\_\_

telephone and fax number \_\_\_\_\_

e-mail address \_\_\_\_\_

Registration number in the  
Enterprise Register, single  
registration number or personal  
identity number of the merchant \_\_\_\_\_

Registration date in the Enterprise  
Register or the Commercial  
Register of the Enterprise  
Register \_\_\_\_\_

Name of the dominant  
undertaking, if the operator is a  
dependent undertaking of the  
group of companies \_\_\_\_\_

**Authorised contact person of the operator**

Given name and surname \_\_\_\_\_

Contact details:

address \_\_\_\_\_

telephone and fax number \_\_\_\_\_

e-mail address \_\_\_\_\_

**Installation**

Name \_\_\_\_\_

Address of location (also postal  
code and name of the country) \_\_\_\_\_

Code of territory \_\_\_\_\_

Geographical co-ordinates of the  
location<sup>1</sup>

____ ° ____ ' ____ " (North latitude)	____ ° ____ ' ____ " (East longitude)
------------------------------------------	------------------------------------------

<sup>1</sup> Location of the installation on the map, in the territory of buildings and production units, to be indicated in the map at a scale corresponding to the installation 1:25000, 1:10000, 1:5000 or 1:500 (append in annex).

**Owner of the installation**

Name of the merchant or given name and surname of the owner

\_\_\_\_\_

Contact details:

address

\_\_\_\_\_

telephone and fax number

\_\_\_\_\_

e-mail address

\_\_\_\_\_

Registration number in the Enterprise Register, single registration number or personal identity number of the merchant

\_\_\_\_\_

Registration date in the Enterprise Register or the Commercial Register of the Enterprise Register

\_\_\_\_\_

**Verifier of the emissions report**

Name of the conformity assessment authority or given name and surname of the certified verifier

\_\_\_\_\_

Contact details:

address

\_\_\_\_\_

telephone and fax number

\_\_\_\_\_

e-mail address

\_\_\_\_\_

Given name and surname of the verifiers of the emissions report

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Permit issued to the operator<sup>2</sup>

\_\_\_\_\_

Amendments to the permit in the reporting year<sup>3</sup>

\_\_\_\_\_

Reason for amendments to the permit<sup>4</sup>

\_\_\_\_\_

Other changes in the installation<sup>5</sup>

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

<sup>2</sup> Number of the permit.

<sup>3</sup> Number and date of the decision of the board on amendments.

<sup>4</sup> Changes in operation of the installation and changes, as well as temporary deviations which have occurred in the monitoring plan in the reporting period, including temporary or permanent changes of levels, the reasons for such changes, the first date of changes and the first and final dates of temporary changes.

<sup>5</sup> Any other changes in the installation in the reporting period, to which such installations are related in the emissions reporting year.



## II. Information Regarding the Polluting Activities Referred to in Annex 2 to the Law On Pollution Performed in the Installation

1. Types of the polluting activities referred to in Annex 2 to the Law On Pollution performed in the installation and their codes.

No.	Type of activity <sup>1</sup>	Name of the installation (type, brand) <sup>2</sup>	NACE 2010 code <sup>3</sup>	PRODCOM 2010 code <sup>4</sup>	Code of the activity of the Intergovernmental Panel on Climate Change <sup>5</sup>	Code of the activity in the European Pollutant Register <sup>6</sup>
1	2	3	4	5	6	7

<sup>1</sup> According to the polluting activities referred to in Annex 2 to the Law On Pollution.

<sup>2</sup> Incinerator – fixed technical unit intended for the production of thermal energy and electricity. Technological installation – fixed technical unit, provided for the production of particular products.

<sup>3</sup> Available at: <http://www.csb.gov.lv/klasifikacijas/saimniecisko-darbibu-statistiska-klasifikacija-29900.html>

<sup>4</sup> Available at:

[http://ec.europa.eu/eurostat/ramon/documents/prodcom\\_2010/prodcom\\_by\\_cn/prodcom\\_cn\\_2010.zip](http://ec.europa.eu/eurostat/ramon/documents/prodcom_2010/prodcom_by_cn/prodcom_cn_2010.zip)

<sup>5</sup> In accordance with Annex 2 to Cabinet Regulation No. 217 of 27 March 2012, Regulations Regarding the National Inventory System of Greenhouse Gas Emission Units.

<sup>6</sup> In accordance with Annex I to Regulation (EC) No 166/2006 of the European Parliament of the Council of 18 January 2006 concerning the establishment of a European Pollutant Release and Transfer Register and amending Council Directives 91/689/EEC and 96/61/EC

2. Technology used in the installation

No.	Type of activity <sup>1</sup>	Name of the installation (type, brand) <sup>2</sup>	Code <sup>3</sup> of emission source <sup>4</sup>	Name of technological technique (method) <sup>5</sup>	Installed capacity of the installation (MW or t/h) <sup>6</sup>	Date of commencement of the operation of the installation
1	2	3	4	5	6	7

<sup>1</sup> According to the Table of Section II, Paragraph 1 of this Report.

<sup>2</sup> Incinerator – fixed technical unit intended for the production of thermal energy and electricity. Technological installation – fixed technical unit, provided for the production of particular products.

<sup>3</sup> Separately identifiable part of the installation or the process of such installation, from which the relevant greenhouse gas emissions occur.

<sup>4</sup> According to the monitoring plan included in the permit issued to the operator.

<sup>5</sup> Information regarding technological techniques used in the technological installation.

<sup>6</sup> The installed capacity of the incinerator (for production of thermal energy and electricity) or production capacity of the production of the technological installation.

### III. Information Regarding Activity Data

The operator shall fill in only such tables which conform to the activities performed in its installations

#### 1. Utilisation of heating fuel in incinerators and technological installations

No.	Type of heating fuel <sup>1</sup>	Quantity used <sup>2</sup>	
		in combustion plants	in technological installations
1	2	3	4

<sup>1</sup> According to the list of the types of heating fuel provided in Table I of Annex VI to the Monitoring and Reporting Regulation.

<sup>2</sup> In physical units.

#### 2. Use of the use of different waste in incinerators and technological installations

No.	Type of waste <sup>1</sup>	Code of the waste type	Quantity used <sup>2</sup>	
			in incinerators	in technological installations
1	2	3	4	5

<sup>1</sup> According to the qualification provided for in the waste list of the Community, which is included in Commission Decision No 2000/532/EC of 3 May 2000

available at: <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CONSLEG:2000D0532:20020101:LV:PDF>

<sup>2</sup> naturālās mērvienībās

#### 3. Energy produced

Thermal energy (MWh/per year)		Coefficient of efficiency (%) <sup>1</sup>	Gross coefficient of the use of heating fuel (%)	Electricity (MWh/per year)		Coefficient of efficiency (%) <sup>2</sup>
for heat supply	for production processes			for the system operator	for production processes	

<sup>1</sup> The coefficient of efficiency shall be indicated for the incinerators used in the production of thermal energy.

<sup>2</sup> The coefficient of efficiency shall be indicated for the incinerators used in the production of electricity.

#### 4. Raw materials, auxiliary materials and activities generating emission

No.	Raw materials and auxiliary materials	Activity generating CO <sub>2</sub> , N <sub>2</sub> O or PFC emission	Quantity used (t)
1	2	3	4

## 5. Information regarding the application of the mass balance<sup>1</sup>

No.	Heating fuel, raw materials and auxiliary materials	Mass flow				Total carbon content <sup>2</sup>	Lowest calorific value (tCO <sub>2</sub> /TJ) <sup>3</sup>	Biomass fraction <sup>4</sup>
		remainder at the beginning of the year	procured/produced	sold/utilised	remainder at the end of the year			
1	2	3	4	5	6	7	8	9

<sup>1</sup> The operator shall also provide general information regarding the applied mass balance methodology, the measuring devices used for determination of activity data and their uncertainty.

<sup>2</sup> The sum of fossil heating fuel fraction and biomass fraction expressed as fractional number.

<sup>3</sup> There is a specific quantity of energy which is released in the form of thermal energy when the heating fuel or material completely burns with oxygen in standard circumstances and from which the water evaporation heat generated during combustion process is deducted.

<sup>4</sup> Proportion of the carbon of biomass origin versus the total carbon content in the heating fuel, expressed as fractional number.

## IV. Determination of Emissions

Methodology for the determination of emissions amount

No.	Type of activity <sup>1</sup>	Methodology used <sup>2</sup>	Uncertainty	Change of levels <sup>3</sup>
1	2	3	4	5

<sup>1</sup> According to the Table of Section II, Paragraph 1 of this Report.

<sup>2</sup> According to the monitoring plan included in the permit – calculation-based methodology, measurement-based methodology, or fall-back methodology (alternative approach).

<sup>3</sup> YES or NO

*If levels are changed during the reporting period, emissions must be calculated and notified separately for the relevant time periods of the reporting period, using Chapter V.*

## V. Determination of Emissions Using Calculation-based Methodology

1. Combustion emissions of the heating fuel in installations and technological installations (for each activity)

1.1. Activity No.<sup>1</sup>

Type of activity<sup>2</sup>

Description of the activity \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

<sup>1</sup> Number of the activity as referred to in the Table of Section II, Paragraph 1 of this Report, an individual section shall be filled in regarding each activity

<sup>2</sup> According to the Table of Section II, Paragraph 1 of this Report.

### 1.1.1. Fossil heating fuel<sup>1</sup>

type of the heating fuel utilised <sup>2</sup>		
	quantity	level <sup>3</sup>
activity data (t or m <sup>3</sup> )		
lowest calorific value <sup>4</sup>		
activity data (TJ) <sup>5</sup>		
emission factor without oxidation factor (t CO <sub>2</sub> /TJ)		
oxidation coefficient <sup>6</sup>		
recalculation coefficient <sup>7</sup>		
amount of emission (t CO <sub>2</sub> ) <sup>8</sup>		
total carbon content <sup>9</sup>		
fossil fraction <sup>10</sup>		

<sup>1</sup> Heating fuel which does not contain biomass carbon, also types of waste used as heating fuel for incineration.

<sup>2</sup> According to the list of the types of heating fuel provided in Table I of Annex VI to the Monitoring and Reporting Regulation, to be filled in regarding each type of heating fuel separately.

<sup>3</sup> According to the permit issued to the operator.

<sup>4</sup> There is a specific quantity of energy which is released in the form of thermal energy when the heating fuel or material completely burns with oxygen in standard circumstances and from which the water evaporation heat generated during combustion process is deducted – 1000t, TJ/1000000m<sup>3</sup> (for natural gas) or TJ/1000m<sup>3</sup> for wood.

<sup>5</sup> Activity data in energy units (TJ) is the consumption of heating fuel in physical units (thous. of tonnes, mill. of m<sup>3</sup>) multiplied by the factor of the lowest calorific value determined in the permit issued to the operator or Table 1 of Annex VI to the Monitoring and Reporting Regulation.

<sup>6</sup> Proportion of the carbon oxidised in CO<sub>2</sub> as a result of combustion versus the total carbon content that is in the heating fuel.

<sup>7</sup> Proportion of the carbon emitted as CO<sub>2</sub> versus the total carbon content which is in the source stream before the emission process occurs, and it is expressed as fractional number.

<sup>8</sup> Amount of emission is the multiplication of activity data (TJ) by the emission factor (without oxidation factor) and the oxidation factor.

<sup>9</sup> The sum of fossil heating fuel fraction and biomass fraction expressed as fractional number.

<sup>10</sup> Proportion of the fossil carbon versus the total carbon content in the heating fuel, expressed as fractional number.

### 1.1.2. Mixed heating fuel<sup>1</sup>

type of the heating fuel utilised <sup>2</sup>		
	quantity	level <sup>3</sup>
activity data (t or m <sup>3</sup> )		
lowest calorific value <sup>4</sup>		
activity data (TJ) <sup>5</sup>		
emission factor without oxidation factor (t CO <sub>2</sub> /TJ)		
oxidation coefficient <sup>6</sup>		
recalculation coefficient <sup>7</sup>		
amount of emission (t CO <sub>2</sub> ) <sup>8</sup>		
total carbon content <sup>9</sup>		
fossil fraction <sup>10</sup>		
biomass fraction <sup>11</sup>		

<sup>1</sup> Mixed heating fuel is heating fuel containing both biomass carbon and fossil carbon, also types of waste used as heating fuel for combustion.

<sup>2</sup> According to the list of the types of heating fuel provided in Table I of Annex VI to the Monitoring and Reporting Regulation, to be filled in regarding each type of heating fuel separately.

<sup>3</sup> According to the permit issued to the operator.

<sup>4</sup> There is a specific quantity of energy which is released in the form of thermal energy when the heating fuel or material completely burns with oxygen in standard circumstances and from which the water evaporation heat

generated during combustion process is deducted – 1000t, TJ/1000000m<sup>3</sup> (for natural gas) or TJ/1000m<sup>3</sup> for wood.

<sup>5</sup> Activity data in energy units (TJ) is the consumption of heating fuel in physical units (thous. of tonnes, mill. of m<sup>3</sup>) multiplied by the factor of the lowest calorific value determined in the permit issued to the operator or Table 1 of Annex VI to the Monitoring and Reporting Regulation.

<sup>6</sup> Proportion of the carbon oxidised in CO<sub>2</sub> as a result of combustion versus the total carbon content that is in the heating fuel.

<sup>7</sup> Proportion of the carbon emitted as CO<sub>2</sub> versus the total carbon content which is in the source stream before the emission process occurs, and it is expressed as fractional number.

<sup>8</sup> Amount of emission is the multiplication of activity data (TJ) by the emission factor (without oxidation factor) and the oxidation factor.

<sup>9</sup> The sum of fossil heating fuel fraction and biomass fraction expressed as fractional number.

<sup>10</sup> Proportion of the fossil carbon versus the total carbon content in the heating fuel, expressed as fractional number.

<sup>11</sup> Proportion of the carbon of biomass origin versus the total carbon content in the heating fuel, expressed as fractional number.

### 1.1.3. biomass<sup>1</sup>

type of the heating fuel utilised <sup>2</sup>	quantity	level <sup>3</sup>
activity data (t or m <sup>3</sup> )		
lowest calorific value <sup>4</sup>		
activity data (TJ) <sup>5</sup>		
emission factor without oxidation factor (t CO <sub>2</sub> /TJ)		
oxidation coefficient <sup>6</sup>		
recalculation coefficient <sup>7</sup>		
amount of emission (t CO <sub>2</sub> ) <sup>8</sup>		
total carbon content <sup>9</sup>		
biomass fraction <sup>10</sup>		

<sup>1</sup> Biodegradable part of products, waste and residue of biological origin (including substances of plant and animal origin) generated in agriculture, forestry and related sectors, including fishery and aquaculture, as well as biodegradable part of industrial and household waste; it includes biological liquid heating fuel and biofuels.

<sup>2</sup> According to the list of the types of heating fuel provided in Table I of Annex VI to the Monitoring and Reporting Regulation.

<sup>3</sup> According to the permit issued to the operator.

<sup>4</sup> There is a specific quantity of energy which is released in the form of thermal energy when the heating fuel or material completely burns with oxygen in standard circumstances and from which the water evaporation heat generated during combustion process is deducted – 1000t, TJ/1000000m<sup>3</sup> (for natural gas) or TJ/1000m<sup>3</sup> for wood.

<sup>5</sup> Activity data in energy units (TJ) is the consumption of heating fuel in physical units (thous. of tonnes, mill. of m<sup>3</sup>) multiplied by the factor of the lowest calorific value determined in the permit issued to the operator or Table 1 of Annex VI to the Monitoring and Reporting Regulation.

<sup>6</sup> Proportion of the carbon oxidised in CO<sub>2</sub> as a result of combustion versus the total carbon content that is in the heating fuel.

<sup>7</sup> Proportion of the carbon emitted as CO<sub>2</sub> versus the total carbon content which is in the source stream before the emission process occurs, and it is expressed as fractional number.

<sup>8</sup> Amount of emission is the multiplication of activity data (TJ) by the emission factor (without oxidation factor) and the oxidation factor.

<sup>9</sup> The sum of fossil heating fuel fraction and biomass fraction expressed as fractional number.

<sup>10</sup> Proportion of the carbon of biomass origin versus the total carbon content in the heating fuel, expressed as fractional number.

### 1.1.4. total emission of such type of activity

total amount of fossil heating fuel emissions (t CO<sub>2</sub>)

total amount of biomass emissions (t CO<sub>2</sub>)

total amount of emission (t CO<sub>2</sub>)<sup>1</sup>

total biomass used (TJ)<sup>2</sup>


<sup>1</sup> The total amount of emission for each type of activity shall be obtained summing up the emission from all the types of fossil heating fuel and fossil parts of all types of mixed heating fuel.

<sup>2</sup> The total biomass used is the energy content in pure biomass and in part of the biomass of mixed heating fuel.

## 2. Emissions of specific production processes (for each type of activity)

2.1. Activity No.<sup>1</sup>

Type of activity<sup>2</sup>

Description of the activity

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<sup>1</sup> Number of the activity as referred to in the Table of Section II, Paragraph 1 of this Report, an individual section shall be filled in regarding each activity

<sup>2</sup> According to the Table of Section II, Paragraph 1 of this Report.

### 2.1.1. process for which fossil raw material or fossil auxiliary material is used<sup>1</sup>

process No..... <sup>2</sup>		
type of process		
description of activity data		
calculation method used		
	quantity	level
activity data (t or m <sup>3</sup> )		
emission factor (t CO <sub>2</sub> /t or t CO <sub>2</sub> /m <sup>3</sup> )		
recalculation coefficient <sup>3</sup>		
amount of emission (t CO <sub>2</sub> ) <sup>4</sup>		
total carbon content <sup>5</sup>		
fossil fraction <sup>6</sup>		

<sup>1</sup> Raw materials and auxiliary materials which do not contain biomass carbon, also types of waste used in the process.

<sup>2</sup> A separate table shall be filled in regarding each type of the raw material and auxiliary material used.

<sup>3</sup> Proportion of the carbon emitted as CO<sub>2</sub> versus the total carbon content which is in the source stream before the emission process occurs, and it is expressed as fractional number which conforms to transformation of the carbonates in the material or raw material into oxides.

<sup>4</sup> Amount of emission is multiplication of the activity data (t or m<sup>3</sup>) by emission factor.

<sup>5</sup> The sum of material or raw material fossil fraction and biomass fraction expressed as fractional number.

<sup>6</sup> Proportion of the fossil carbon versus the total carbon content in the material or raw material, expressed as fractional number.

### 2.1.2. process for which mixed raw material or mixed auxiliary material is used<sup>1</sup>

process No..... <sup>2</sup>		
description of process		
description of activity data		
calculation method used		
	quantity	level
activity data (t or m <sup>3</sup> )		
emission factor (t CO <sub>2</sub> /t or t CO <sub>2</sub> /m <sup>3</sup> )		
recalculation coefficient <sup>3</sup>		
amount of emission (t CO <sub>2</sub> ) <sup>4</sup>		
total carbon content <sup>5</sup>		
fossil fraction <sup>6</sup>		

biomass fraction <sup>7</sup>		
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<sup>1</sup> Mixed-composition material is material containing both biomass carbon and fossil carbon, also types of waste used in the process.

<sup>2</sup> A separate table shall be filled in regarding each type of the raw material and auxiliary material used.

<sup>3</sup> Proportion of the carbon emitted as CO<sub>2</sub> versus the total carbon content which is in the source stream before the emission process occurs, and it is expressed as fractional number which conforms to transformation of the carbonates in the material or raw material into oxides.

<sup>4</sup> Amount of emission is multiplication of the activity data (t or m<sup>3</sup>) by emission factor.

<sup>5</sup> The sum of material or raw material fossil fraction and biomass fraction expressed as fractional number.

<sup>6</sup> Proportion of the fossil carbon versus the total carbon content in the material or raw material, expressed as fractional number.

<sup>7</sup> Proportion of the carbon biomass origin versus the total carbon content in the material or raw material, expressed as fractional number.

### 2.1.3. process in which biomass is used<sup>1</sup>

process No..... <sup>2</sup>		
description of process		
description of biomass, raw material and auxiliary material		
carbon content in biomass (%)		
calculation method used		
	quantity	level
activity data (t or m <sup>3</sup> )		
emission factor (t CO <sub>2</sub> /t or t CO <sub>2</sub> /m <sup>3</sup> )		
recalculation coefficient <sup>3</sup>		
amount of emission (t CO <sub>2</sub> ) <sup>4</sup>		
total carbon content <sup>5</sup>		
biomass fraction <sup>6</sup>		

<sup>1</sup> Biodegradable part of products, waste and residue of biological origin (including substances of plant and animal origin) generated in agriculture, forestry and related sectors, including fishery and aquaculture, as well as biodegradable part of industrial and household waste.

<sup>2</sup> A separate table shall be filled in regarding each type of the raw material and auxiliary material used.

<sup>3</sup> Proportion of the carbon emitted as CO<sub>2</sub> versus the total carbon content which is in the source stream before the emission process occurs, and it is expressed as fractional number which conforms to transformation of the carbonates in the material or raw material into oxides.

<sup>4</sup> Amount of emission is multiplication of the activity data (t or m<sup>3</sup>) by emission factor.

<sup>5</sup> The sum of material or raw material fossil fraction and biomass fraction expressed as fractional number.

<sup>6</sup> Proportion of the carbon biomass origin versus the total carbon content in the material or raw material, expressed as fractional number.

### 2.1.4. total emission of such type of activity

total amount of fossil raw material and auxiliary material emissions (t CO<sub>2</sub>)

total amount of biomass use emissions (t CO<sub>2</sub>)

total amount of emission (t CO<sub>2</sub>)<sup>1</sup>

total biomass used (TJ)<sup>2</sup>


<sup>1</sup> The total amount of emission for each type of activity shall be obtained by summing up the emission from each type of fossil raw materials and fossil auxiliary materials and all types of mixed raw materials and fossil parts of mixed auxiliary materials.

<sup>2</sup> The total biomass used is the energy content in pure biomass and in part of the biomass of mixed raw materials and mixed auxiliary materials.

## 3. Emissions of perfluorocarbons (PFC) from the production or processing of primary aluminium

### 3.1. Method for the calculation of CF<sub>4</sub> and C<sub>2</sub>F<sub>2</sub> emissions (mark with an X)

A method<sup>1</sup>

B method<sup>2</sup>


<sup>1</sup> If anode effect minutes are recorded on the element day.

<sup>2</sup> If anode effect overvoltage is recorded.

### 3.2. calculation of PFC emissions using A method – slope method

	quantity	level
activity data (t) <sup>1</sup>		
frequency of anode effect <sup>2</sup>		
average length of anode effect <sup>3</sup>		
SEF <sub>CF4</sub> <sup>4</sup>		
amount of CF <sub>4</sub> emission (t)		
F <sub>C2F6</sub> <sup>5</sup>		
amount of C <sub>2</sub> F <sub>6</sub> emission (t)		

<sup>1</sup> Amount of the production year of primary aluminium.

<sup>2</sup> Number of anode effect cases / element day.

<sup>3</sup> Anode effect minutes / occurrence.

<sup>4</sup> Emission slope factor expressed the quantity (kg) of CF<sub>4</sub> emitted to tonne of aluminium which was produced in anode effect minute/element day – (kg CF<sub>4</sub>/t Al produced)/(anode effect minutes/element day). If different types of element are used, different SEF may be applied as necessary.

<sup>5</sup> C<sub>2</sub>F<sub>6</sub> (t C<sub>2</sub>F<sub>6</sub> /t CF<sub>4</sub>) weight fraction expresses C<sub>2</sub>F<sub>6</sub> quantity (t) emitted in proportion to the CF<sub>4</sub> quantity emitted (t).

### 3.3. calculation of PFC emissions using B method – overvoltage method

	quantity	level
activity data (t) <sup>1</sup>		
emission factor (kg CF <sub>4</sub> / t Al) <sup>2</sup>		
overvoltage of anode effect (mV) <sup>3</sup>		
coefficient of efficiency (%) <sup>4</sup>		
amount of CF <sub>4</sub> emission (t)		
F <sub>C2F6</sub> <sup>5</sup>		
amount of C <sub>2</sub> F <sub>6</sub> emission (t)		

<sup>1</sup> Amount of the production year of primary aluminium.

<sup>2</sup> Overvoltage coefficient (“emission factor”) expresses the quantity (kg) of CF<sub>4</sub> emitted to tonne of aluminium produced per minivolt of overvoltage (mV).

<sup>3</sup> Overvoltage of anode effect per element (mV) determined as integral (time x voltage above target voltage), divided by the time (duration) of data collection.

<sup>4</sup> Average coefficient of efficiency of the aluminium production current.

<sup>5</sup> C<sub>2</sub>F<sub>6</sub> (t C<sub>2</sub>F<sub>6</sub> /t CF<sub>4</sub>) weight fraction expresses C<sub>2</sub>F<sub>6</sub> quantity (t) emitted in proportion to the CF<sub>4</sub> quantity emitted (t).

### 3.4. total PFC emissions

PFC emissions (in gas pipes)

efficiency of detection

total amount of PFC emissions (t)

Total amount of PFC emissions (t CO<sub>2</sub> equiv.)<sup>1</sup>


<sup>1</sup> Total CF<sub>4</sub> and C<sub>2</sub>F<sub>6</sub> emissions (PFC emissions) expressed in equivalent of CO<sub>2</sub>, using global warming potentials of CF<sub>4</sub> and C<sub>2</sub>F<sub>6</sub> emissions, determined in Table 6 of Paragraph 3 of Annex VI to the Monitoring and Reporting Regulation.



## VI. Determination of Emissions Using Measurement-based Methodology

### 1. CO<sub>2</sub> measurements

#### 1.1. CO<sub>2</sub> emissions from different processes

No.	Type of activity <sup>1</sup>	Fossil CO <sub>2</sub> emissions (t) <sup>2</sup>		Biomass CO <sub>2</sub> emissions (t) <sup>3</sup>	
		combustion CO <sub>2</sub> (t) <sup>4</sup>	industrial process CO <sub>2</sub> (t) <sup>5</sup>	combustion CO <sub>2</sub> (t) <sup>6</sup>	industrial process CO <sub>2</sub> (t) <sup>7</sup>
1	2	3	4	5	6

<sup>1</sup> According to the Table of Section II, Paragraph 1 of this Report.

<sup>2</sup> Measured annual fossil CO<sub>2</sub> emissions from the use of fossil heating fuel, raw materials or auxiliary materials.

<sup>3</sup> Measured annual biomass CO<sub>2</sub> emissions from the use of biomass heating fuel, raw materials or auxiliary materials.

<sup>4</sup> Measured CO<sub>2</sub> emissions from combustion processes of fossil heating fuel.

<sup>5</sup> Measured CO<sub>2</sub> from the use of fossil raw materials and ancillary materials in industrial processes.

<sup>6</sup> Measured CO<sub>2</sub> emissions from combustion processes of biomass heating fuel.

<sup>7</sup> Measured CO<sub>2</sub> from the use of biomass raw materials and ancillary materials in industrial processes.

#### 1.2. Waste gases

No.	Type of activity <sup>1</sup>	Concentration in waste gases <sup>2</sup>		Waste gas flow	
		annual average hourly value (mg/Nm <sup>3</sup> )	annual total value (mg/Nm <sup>3</sup> )	annual average hourly value (Nm <sup>3</sup> /h)	annual total value (Nm <sup>3</sup> )
1	2	3	4	5	6

<sup>1</sup> According to the Table of Section II, Paragraph 1 of this Report.

<sup>2</sup> Concentration of greenhouse gas emissions in waste gas stream.

### 2. N<sub>2</sub>O emissions

#### 2.1. N<sub>2</sub>O annual and hourly emissions

No.	Type of activity <sup>1</sup>	N <sub>2</sub> O hourly emissions (kg/h) <sup>2</sup>	N <sub>2</sub> O annual emissions (t) <sup>3</sup>	N <sub>2</sub> O annual emissions (t CO <sub>2</sub> equiv.) <sup>4</sup>	N <sub>2</sub> O hourly concentration (mg/Nm <sup>3</sup> ) <sup>5</sup>	Waste gas stream (Nm <sup>3</sup> /h) <sup>6</sup>
1	2	3	4	5	6	7

<sup>1</sup> According to the Table of Section II, Paragraph 1 of this Report.

<sup>2</sup> Annual average N<sub>2</sub>O hourly emissions from the source.

<sup>3</sup> For each source of emission annual total N<sub>2</sub>O annual emissions from the source of emissions N<sub>2</sub>O in tonnes, which is the sum of all hourly emissions.

<sup>4</sup> For each source of emission annual total N<sub>2</sub>O annual emissions expressed in CO<sub>2</sub> equivalents.

<sup>5</sup> N<sub>2</sub>O hourly concentrations in waste gas stream measured during the operation of the installation.

<sup>6</sup> Waste gas stream determined for each hourly concentration.

## 2.2. determination of the waste gas stream

No.	Type of activity <sup>1</sup>	Air stream (Nm <sup>3</sup> /h) <sup>2</sup>			O <sub>2</sub> fraction in dry air <sup>3</sup>	O <sub>2</sub> fraction in waste gas <sup>4</sup>
		primary air stream (Nm <sup>3</sup> /h) <sup>5</sup>	secondary air stream (Nm <sup>3</sup> /h) <sup>6</sup>	closed air stream (Nm <sup>3</sup> /h) <sup>7</sup>		
1	2	3	4	5	6	7

<sup>1</sup> According to the Table of Section II, Paragraph 1 of this Report.

<sup>2</sup> Total input air stream in standard circumstances.

<sup>3</sup> O<sub>2</sub> volume fraction in dry air.

<sup>4</sup> O<sub>2</sub> volume fraction in waste gases.

<sup>5</sup> Primarily input air stream in standard circumstances.

<sup>6</sup> Secondarily input air stream in standard circumstances.

<sup>7</sup> Closed input air stream in standard circumstances.

## VII. Determination of Emissions Using Fall-back Methodology

*The operator who uses fall-back methodology for determination of emissions shall apply Chapter VI and VII to the determination of emissions and reporting, in which such data to be reported is indicated clearly which is substitute data, and which provide a clear reference to the data source referred to in Sub-paragraph 1.2 of this Chapter.*

1. Substitute data<sup>1</sup> used in determination of emissions for each source of emissions or emissions stream

1.1. Activity No.<sup>2</sup>

Type of activity<sup>3</sup>

Description of activity<sup>4</sup>

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<sup>1</sup> Annual values which are empirically grounded or obtained from recognised sources and which are used by the operator in order to substitute activity data or calculation factors, ensuring complete reporting when it is not possible to obtain all the necessary activity data or calculation factors, using the applicable monitoring methodology.

<sup>2</sup> The number of activity as referred to in the Table of Section II, Paragraph 1 of this Report, a separate section shall be filled in regarding each activity.

<sup>3</sup> According to the Table of Section II, Paragraph 1 of this Report.

<sup>4</sup> Detailed description, which substitute data is used for determination of emissions from such activity.

### 1.2. the substitute data used in determination of emissions

	value	data source
activity data (t or m <sup>3</sup> )		
lowest calorific value (t CO <sub>2</sub> /TJ) <sup>1</sup>		
emission factor (t CO <sub>2</sub> /TJ of t CO <sub>2</sub> /t of raw materials)		
oxidation coefficient <sup>2</sup>		
recalculation coefficient <sup>3</sup>		
total carbon content <sup>4</sup>		

<sup>1</sup> There is a specific quantity of energy which is released in the form of thermal energy when the heating fuel or material completely burns with oxygen in standard circumstances and from which the water evaporation heat generated during combustion process is deducted.

<sup>2</sup> Proportion of the carbon oxidised in CO<sub>2</sub> as a result of combustion versus the total carbon content that is in the heating fuel.

<sup>3</sup> Proportion of the carbon emitted as CO<sub>2</sub> versus the total carbon content which is in the source stream before the emission process occurs, and it is expressed as fractional number which conforms to transformation of the carbonates in the material or raw material into oxides.

<sup>4</sup> The sum of fossil heating fuel fraction and biomass fraction expressed as fractional number.

## VIII. Information Regarding CO<sub>2</sub> Capture, Transportation and Storage

emissions are not included in the total amount of emission

### 1. CO<sub>2</sub> capture<sup>1</sup>

No.	Type of activity <sup>2</sup>	Capture transferred by the installation CO <sub>2</sub> (t) <sup>3</sup>	emissions if CO <sub>2</sub> is not captured (t) <sup>4</sup>	CO <sub>2</sub> transferred into the transport network or storage site (t) <sup>5</sup>	captured characteristic CO <sub>2</sub> (t) <sup>6</sup>	captured biomass CO <sub>2</sub> (t) <sup>7</sup>	total captured CO <sub>2</sub> (t)
1	2	3	4	5	6	7	8

<sup>1</sup> CO<sub>2</sub> which would otherwise be emitted, capture activities from gas streams in order to transport and geologically store it in accordance with Directive 2009/31/EC at a permitted storage site.

<sup>2</sup> According to the Table of Section II, Paragraph 1 of this Report.

<sup>3</sup> Quantity of CO<sub>2</sub> transferred to the capture installation and determined in accordance with Articles 40-46 and Article 49 of the Monitoring and Reporting Regulation.

<sup>4</sup> Sum of emissions from all other activities in the installation to which monitoring is performed in accordance with Annex IV of the Monitoring and Reporting Regulation.

<sup>5</sup> Quantity of CO<sub>2</sub> transferred to the transport network or the storage site determined in accordance with Articles 40-46 and Article 49 of the Monitoring and Reporting Regulation.

<sup>6</sup> CO<sub>2</sub> contained in the composition of the heating fuel or material.

<sup>7</sup> CO<sub>2</sub> generated by combusting biomass.

### 2. CO<sub>2</sub> transportation

#### 2.1. methodology for the calculation of the transport network emissions (mark with an X)

A method<sup>1</sup>

B method<sup>2</sup>


<sup>1</sup> General mass balance in all input and output streams.

<sup>2</sup> Individual monitoring of each source of emissions.

#### 2.2. calculation of the transported characteristic CO<sub>2</sub><sup>1</sup> according to A method

No.	Type of activity <sup>2</sup>	Emissions from own activity (t CO <sub>2</sub> ) <sup>3</sup>	Received CO <sub>2</sub> (t)	CO <sub>2</sub> transferring installation <sup>4</sup>	Transferred CO <sub>2</sub> (t)	CO <sub>2</sub> receiving installation <sup>5</sup>
1	2	3	4	5	6	7

<sup>1</sup> CO<sub>2</sub> contained in the composition of the fuel/heating fuel.

<sup>2</sup> According to the Table of Section II, Paragraph 1 of this Report.

<sup>3</sup> Emissions from own activity of the transport network, not including emissions generated by the transported CO<sub>2</sub>, but including emissions from the use of heating fuel in compressor stations.

<sup>4</sup> Name of the installation and ID of the installation in the emission allowance register from which CO<sub>2</sub> is received.

<sup>5</sup> Name of the installation and ID of the installation in the emission allowance register to which CO<sub>2</sub> is transferred.

### 2.3. calculation of the transported characteristic CO<sub>2</sub><sup>1</sup> according to B method

No.	Type of activity <sup>2</sup>	Fugitive CO <sub>2</sub> (t) <sup>3</sup>	Vented emissions (t) <sup>4</sup>	CO <sub>2</sub> of leakage cases (t) <sup>5</sup>	installation CO <sub>2</sub> (t) <sup>6</sup>	joint CO <sub>2</sub> (t) <sup>7</sup>
1	2	3	4	5	6	7

<sup>1</sup> CO<sub>2</sub> contained in the composition of the fuel/heating fuel.

<sup>2</sup> According to the Table of Section II, Paragraph 1 of this Report.

<sup>3</sup> Quantity of fugitive emissions (t CO<sub>2</sub>) from CO<sub>2</sub> transported in the transport network, including from seals, valves, intermediate compressor stations and intermediate storage facilities.

<sup>4</sup> Quantity of emissions vented from CO<sub>2</sub> transported in the transport network (t CO<sub>2</sub>).

<sup>5</sup> Quantity of CO<sub>2</sub> transported in the transport network (t CO<sub>2</sub>) which has been emitted because an error has occurred in one or several components of the transport network.

<sup>6</sup> Quantity of CO<sub>2</sub> (t CO<sub>2</sub>) emitted from combustion or other processes which are functionally related to transportation by pipes in the transport network.

<sup>7</sup> Total CO<sub>2</sub> emissions of the transport network (t CO<sub>2</sub>).

### 2.4. transportation of biomass CO<sub>2</sub><sup>1</sup>

No.	Type of activity <sup>2</sup>	Received CO <sub>2</sub> (t)	CO <sub>2</sub> transferring installation <sup>3</sup>	Transferred CO <sub>2</sub> (t)	CO <sub>2</sub> receiving installation <sup>4</sup>
1	2	3	4	5	6

<sup>1</sup> CO<sub>2</sub> emissions of biomass origin generated by combusting biomass heating fuel.

<sup>2</sup> According to the Table of Section II, Paragraph 1 of this Report.

<sup>3</sup> Name of the installation and ID of the installation in the emission allowance register from which CO<sub>2</sub> is received.

<sup>4</sup> Name of the installation and ID of the installation in the emission allowance register to which CO<sub>2</sub> is transferred.

### 2.5. CO<sub>2</sub> emissions of the transport network

No.	Type of activity <sup>1</sup>	Received CO <sub>2</sub> (t)				Transferred CO <sub>2</sub> (t)			
		characteristic CO <sub>2</sub> (t) <sup>2</sup>	biomass CO <sub>2</sub> (t) <sup>3</sup>	total CO <sub>2</sub> emissions (t)	CO <sub>2</sub> transferring installation <sup>4</sup>	characteristic CO <sub>2</sub> (t) <sup>5</sup>	biomass CO <sub>2</sub> (t) <sup>6</sup>	total CO <sub>2</sub> emissions (t)	CO <sub>2</sub> receiving installation <sup>7</sup>
1	2	3	4	5	6	7	8	9	10

<sup>1</sup> According to the Table of Section II, Paragraph 1 of this Report.

<sup>2</sup> CO<sub>2</sub> contained in the composition of the fuel/heating fuel.

<sup>3</sup> CO<sub>2</sub> emissions of biomass origin generated by combusting biomass heating fuel.

<sup>4</sup> Name of the installation and ID of the installation in the emission allowance register from which CO<sub>2</sub> is received.

<sup>5</sup> CO<sub>2</sub> contained in the composition of the fuel/heating fuel.

<sup>6</sup> CO<sub>2</sub> emissions of biomass origin generated by combusting biomass heating fuel.

<sup>7</sup> Name of the installation and ID of the installation in the emission allowance register to which CO<sub>2</sub> is transferred.

## 3. CO<sub>2</sub> storage

### 3.1. emissions from injection<sup>1</sup>

No.	Type of activity <sup>2</sup>	Vented CO <sub>2</sub> (t)	Fugitive CO <sub>2</sub> (t) <sup>3</sup>
1	2	3	4

<sup>1</sup> Vented and fugitive emissions from injection.

<sup>2</sup> According to the Table of Section II, Paragraph 1 of this Report.

<sup>3</sup> CO<sub>2</sub> quantity from fugitive emissions.

### 3.2. emissions from activities related to the increase of return on hydrocarbon layer<sup>1</sup>

No.	Type of activity <sup>2</sup>	Vented CO <sub>2</sub> (t)	Fugitive CO <sub>2</sub> (t) <sup>3</sup>
1	2	3	4

<sup>1</sup> Vented and fugitive emissions from activities related to the increase of return on hydrocarbon layer as laid down in Paragraph 23, Sub-paragraph B.2 of Annex IV to the Monitoring and Reporting Regulation.

<sup>2</sup> According to the Table of Section II, Paragraph 1 of this Report.

<sup>3</sup> CO<sub>2</sub> quantity from fugitive emissions.

### 3.3. discharge from the storage complex

No.	Type of activity <sup>1</sup>	CO <sub>2</sub> discharge (t) <sup>2</sup>	Quantified discharge correction <sup>3</sup>		
			notified CO <sub>2</sub> (t) <sup>4</sup>	quantified CO <sub>2</sub> (t) <sup>5</sup>	uncertainty <sup>6</sup>
1	2	3	4	5	6

<sup>1</sup> According to the Table of Section II, Paragraph 1 of this Report.

<sup>2</sup> CO<sub>2</sub> mass emitted or leaked due to discharge within calendar days.

<sup>3</sup> The operator shall quantify the quantity of emissions discharging from the storage complex; each operator shall perform correction for each case of leakage with the maximum general uncertainty in the reporting period  $\pm 7,5$  %, if general uncertainty of the quantification methodology applied exceeds  $\pm 7,5$  %.

<sup>4</sup> Quantity of CO<sub>2</sub> of the relevant leakage case.

<sup>5</sup> CO<sub>2</sub> quantity determined with the quantification methodology applied to the relevant leakage case.

<sup>6</sup> Level of uncertainty related to the quantification methodology applied to the relevant leakage case.

## IX. Information Regarding Missing Data<sup>1</sup>

### 1. Source stream or emission source<sup>2</sup>

#### 1.1. Reasons for missing data

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#### 1.2. The first and final date and time of missing data

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#### 1.3. Emissions calculated on the basis of substitute data<sup>3</sup>

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#### 1.4. Description of assumptions<sup>4</sup>

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<sup>1</sup> In accordance with Article 45(1) of the Monitoring and Reporting Regulation missing data occur where a piece of measurement equipment within the continuous emissions monitoring system is out of operation for more than five consecutive days in any calendar year as a result of which the operator must inform the board thereof and propose adequate measures to improve the quality of the continuous emissions monitoring system affected.

<sup>2</sup> To be filled in regarding each missing data separately.

<sup>3</sup> Annual values which are empirically grounded or obtained from recognised sources and which are used by the operator in order to substitute activity data or calculation factors, ensuring complete reporting when it is not possible to obtain all the necessary activity data or calculation factors, using the applicable monitoring methodology.

<sup>4</sup> If the method of substitute data assumptions is not included in the monitoring plan yet, in such case a detailed description on methodology of assumptions must be notified, including evidence that the methodology used does not cause too low assessment of emissions in the relevant time period.

### X. Joint Emissions Data

No.	Type of activity <sup>1</sup>	Total amount of emissions of the installation (t) <sup>2</sup>	Total amount of emissions of the installation (t CO <sub>2</sub> equiv.) <sup>3</sup>

<sup>1</sup> According to the Table of Section II, Paragraph 1 of this Report.

<sup>2</sup> Data on each greenhouse effect gas separately also if the type of activity is joint, indicating the particular type of greenhouse gases.

<sup>3</sup> Total amount of emissions emitted by the type of activity expressed in CO<sub>2</sub> equivalents, without taking into account the transferred CO<sub>2</sub>.

### VI. Certification of the Operator

*I certify that the information provided in the report is true and accurate.*

Operator or the person authorised by the operator:

Given name, surname \_\_\_\_\_

signature \_\_\_\_\_

date \_\_\_\_\_

telephone number \_\_\_\_\_

Place for a seal \_\_\_\_\_

Notes of the regional environmental board of the State Environmental Service

date of receipt \_\_\_\_\_

Official of the regional environmental board of the State Environmental Service

Given name, surname \_\_\_\_\_

signature \_\_\_\_\_

date \_\_\_\_\_

Place for a seal \_\_\_\_\_

Minister for Environmental Protection and Regional Development

E. Sprūdžs