



SWEDISH ENVIRONMENTAL PROTECTION AGENCY

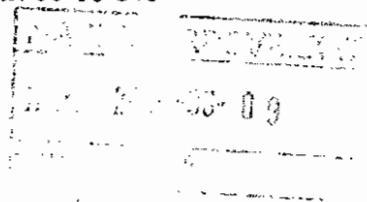


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Eskilstuna 2010-06-08

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Naturvårdsverkets Dnr:
502-3324-10 Rs
Energimyndighetens
Dnr: 00-10-848



Förslag till rapport till EG-kommissionen i enlighet med artikel 21 i direktiv 2003/87/EG

Naturvårdsverket och Statens Energimyndighet har tillsammans, genom sina respektive regleringsbrev, fått i uppdrag av regeringen att lämna förslag till rapport till EG-kommissionen i enlighet med artikel 21 i direktiv 2003/87/EG (handelsdirektivet).

Förslaget till rapport som härmed överlämnas avser utvärderingsperioden från den 1 januari 2009 till den 31 december 2009.

Vissa skattefrågor i avsnitt 13 ligger utanför Naturvårdsverkets och Energimyndighetens kompetensområden. Myndigheterna har därför avstått från att besvara dessa frågor.

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“Annex”

PART 1

Questionnaire on the implementation of Directive 2003/87/EC

1. DETAILS OF INSTITUTION SUBMITTING THE REPORT

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-
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2. COMPETENT AUTHORITIES

Questions 2.1 and 2.2 are to be answered in the report due by 30 June 2006 and in subsequent reports if changes were made during the reporting period.

- 2.1. Please state the name and the abbreviation of the competent authorities which are involved in the implementation of the emissions trading scheme in your country.

In answering this question, use the table below. Add further rows if necessary.

Name	Abbreviation	Contact details
Swedish Environmental Protection Agency	SEPA	SE-106 48 Stockholm, Sweden +46 8 698 1000 Fax +46 6981433 natur@naturvardsverket.se
Swedish Energy Agency	SEA	Box 310, SE-631 04 Eskilstuna, Sweden +46-16-544 2000, Fax +46-16-544 2099 registrator@energimyndigheten.se http://www.swedishenergyagency.se
County Administration Boards	CAB	-
Swedish Board for Accreditation and Conformity Assessment	SWEDAC	Box 878, SE-501 15 Borås, Sweden +46-33-17 77 00, Fax +46-33-10 13 92 registrator@swedac.se
Swedish Agency for Economic and Regional Growth	NUTEK	SE-117 86 Stockholm Sweden +46-8-681 91 00 Fax +46-8-19 68 26 nutek@nutek.se

- 2.2. Please indicate which competent authority is responsible for each of the tasks listed in the table below using their abbreviations.

Please state the abbreviation of the competent authority which is in charge of the following tasks:	
Issuance of permits	CAB
Allocation of allowances	SEPA
Issuance of allowances	SEA
Validation of monitoring methodology	CAB
Receiving and supervising verified emission reports	SEPA
Accreditation of verifiers	SWEDAC
Registry	SEA
Compliance and enforcement	SEPA
Issuance of ERU as a host country	SEA
Approval of the use of CERs & ERUs for compliance	SEA
Administration of new entrants reserve	SEA
Information to the public	SEA/SEPA
Auctioning	-
Administration of opt-ins	SEPA, SEA and the Ministry of the Environment
Administration of pooling	-
Other (please specify): _____	

3. COVERAGE OF ACTIVITIES AND INSTALLATIONS

- 3.1. How many of the combustion installations have a rated thermal input that exceeds 20 MW but is below 50 MW on 31 December of the reporting year? In total, how many CO₂ equivalents were emitted by these installations in the reporting period?

In answering this question, use the table below.

	Number	Share in total number of installations or emissions
Number of installations with a rated thermal input that exceeds 20 MW but is below 50 MW	184	24,3%
CO ₂ equivalents emitted by those installations	498249	2,9%

- 3.2. What changes occurred during the reporting period in comparison with the national allocation plan table (NAP table) as entered into the Community Independent Transaction Log on 1 January of the reporting year (new entrants, closures, installations falling below the capacity thresholds)?

In answering this question, use Table 1 of Part 2 of this Annex.

- 3.3. Did the competent authority receive any application(s) during the reporting period from operators who wish to form a pool pursuant to Article 28 of Directive 2003/87/EC (ET Directive)? If yes, to which activity listed in Annex I to Directive 2003/87/EC (hereinafter - "Annex I activity") did the application refer to and was the pool formed?

In answering this question, use the table below.

- No applications concerning pools were received by the competent authority (SEPA). The possibility of forming a pool pursuant to Article 28 of Directive 2003/87/EC is not implemented in national legislation.

Main Annex I activity^(a)	Number of applications received	Number of pools formed
Energy activities E1 Combustion installations with a rated thermal input exceeding 20 MW (excepting hazardous or municipal waste installations) E2 Mineral oil refineries E3 Coke ovens		
Production and processing of ferrous metals F1 Metal ore (including sulphide ore) roasting or sintering installations F2 Installations for the production of pig iron or steel (primary or secondary fusion) including continuous casting, with a capacity exceeding 2.5 tonnes per hour		
Mineral industry M1 Installations for the production of cement clinker in rotary kilns with a production capacity exceeding 500 tonnes per day or lime in rotary kilns with a production capacity exceeding 50 tonnes per day or in other furnaces with a production capacity exceeding 50 tonnes per day M2 Installations for the manufacture of glass including glass fibre with a melting capacity exceeding 20 tonnes per day M3 Installations for the manufacture of ceramic products by firing, in particular roofing tiles, bricks, refractory bricks, tiles, stoneware or porcelain, with a production capacity exceeding 75 tonnes per day, and/or with a kiln capacity exceeding 4 m ³ and with a setting density per kiln exceeding 300 kg/m ³		
Other activities Industrial plants for the production of O1 (a) pulp from timber or other fibrous materials O2 (b) paper and board with a production capacity exceeding 20 tonnes per day		
<p>^(a) If an installation carries out more than one activity, please only count the installation once under its main Annex I activity.</p>		

3.4. Is there any other relevant information concerning the coverage of installations and activities in your country? If so, please specify.

- Sweden has an opt-in of small combustion installations that includes all combustion installations connected to a district heating grid with an aggregated installed capacity exceeding 20 MW.

4. THE ISSUE OF PERMITS FOR INSTALLATIONS

Questions 4.1 to 4.4 are to be answered in the report due by 30 June 2006 and in subsequent reports if changes were made during the reporting period.

- 4.1. What measures have been taken to ensure that operators comply with the requirements of their greenhouse gas emissions permits?

Note: Fines or penalties which might be imposed in case of infringements must not be reported here but under section 11.

In answering this question, use the table below. Add further rows if necessary.

Which of the following measures are applied in your country (add explanatory text if necessary)?	
The account will be blocked in case of irregularities	Yes
Selling will be prohibited in case of irregularities	Yes
Withdrawal of permit; suspension of the installation	Yes
Spot or routine checks or inspections by the administration	Yes, by SEPA
Conservative emission estimates in case of missing emission reports	Yes, by SEPA
Verification bodies check compliance with the conditions of the permit	Yes
Regular meetings with industry & associations to discuss relevant issues	Yes
Provision of specific reporting formats and guidance	Yes
Naming and shaming of non compliant operators	Yes
Other (please specify): _____	

- 4.2. Where more than one competent authority is involved, how does national legislation ensure that the conditions of and the procedures for the issuance of permits are fully coordinated? How does this co-ordination work in practice?

In answering this question, use the table below. Add further rows if necessary.

Which of the following statements applies to your country (add explanatory text if necessary)?	
More than one competent authority	Yes
If yes, please answer the following questions:	
Co-operation explicitly regulated by a law or a regulation	No
Commission or working group or co-ordination with regular meetings established	Yes
Guidance note for implementation of the national emissions trading law	Yes
Interpretation group to clarify ambiguous issues	No
Co-ordination of administrative acts by one central authority	No
Training courses to ensure consistent implementation	Yes
Other (please specify): _____	

- 4.3. In cases where installations carry out activities listed in Annex I to Directive 96/61/EC (IPPC Directive)¹ what measures have been taken to ensure that conditions and procedure for the issue of a greenhouse gas emissions permit are coordinated with those for the permit provided for in that Directive? Have the requirements laid down in Articles 5, 6 and 7 of Directive 2003/87/EC been integrated into the procedures provided for in Directive 96/61/EC? If so, how was this integration performed?

In answering this question, use the table below. Add further rows if necessary.

¹ OJ L 257, 10.10.1996, p. 26

Which of the following statements applies to your country (add explanatory text if necessary)?	
Requirements laid down in Articles 5-7 of Directive 2003/87/EC have been transposed by national legislation	Yes
Law which transposes the IPPC Directive does not include emission or concentration limits for CO ₂	No
Integrated permitting procedure under the IPPC Directive and the ET Directive	No
Separate permits for IPPC and ET Directive	Yes
Granting of an IPPC permit requires a valid emissions trading scheme (ETS) permit	No
Granting of an ETS permit requires a valid IPPC permit	Yes
IPPC regulators will check whether ETS permit is necessary and inform ETS regulators	No
Other (please specify): _____	

- 4.4. What are the legislative provisions, procedures and practice concerning updating of permit conditions by the competent authority pursuant to Article 7 of Directive 2003/87/EC?

For answering this question, use the table below. Add further rows if necessary.

Please refer to the legal provision which transposes Article 7 of Directive 2003/87/EC	Act (2004:1199) on emissions trading.
Which of the following provisions, procedures and practices apply to your country (add explanatory text if necessary)?	
Authorisation for changes in the installation type or operating mode required	Yes
Authorisation for changes in the monitoring methodology required	Yes
Changes have to be notified in advance	Yes
Closures have to be notified immediately	No
Penalty in case of non compliance with request to update monitoring methodology	No, but the legal situation is vague regarding this issue.
Change of the operator requires an update of permit	Yes
Less significant changes are just recorded	No, all changes requires an updated permit
Other (please specify): _____	

- 4.5. How many permits were updated during the reporting period because of a change in the nature or functioning, or extension, of installations made by operators as specified in Article 7 of Directive 2003/87/EC? Please provide for each category (capacity increase, capacity decrease, change in process type, etc.) how many permits were updated.

In answering this question, use the table below. Add further rows if necessary.

Please state the number of changes in each category:	
Total changes	217
Revoked	18
Surrendered	
Transferred	
Increase of capacity	5
Decrease of capacity	
Changes to monitoring and reporting details	174
Change in name of installation or operator	17
Non-significant amendment	3
Notification of changes without update of permit	
Other (please specify): _____	

4.6. Is there any other relevant information concerning the issue of permits for installations in your country? If so, please specify.

- No other relevant information.

5. APPLICATION OF THE MONITORING AND REPORTING GUIDELINES

Question 5.1 is to be answered in the report due by 30 June 2006, the first report of each trading period and in subsequent reports if changes were made during the reporting period.

- 5.1. What legal acts have been adopted in your country in order to implement monitoring and reporting guidelines? Are general derogations from the monitoring and reporting guidelines allowed by the legislation of your country, e.g. for specific fuels or activities? If so, please specify.

- The monitoring and reporting guidelines have fully been implemented in national law through SEPAs regulations on emissions trading (NFS 2007:5).

- 5.2. Which tiers were used in the monitoring methodologies for the major emitting installations (cf. Commission Decision 2004/156/EC)?

In answering this question, use Table 2 of Part 2 of this Annex. The information required in Table 2 need only be given for the largest installations covered by the ET Directive which contribute cumulatively to 50% of the total emissions included in the trading scheme. No information needs to be reported for sources within these installations with annual emissions below 25 kt CO₂ eq.

- 5.3. If tiers below the minimum tiers specified in Table 1 in section 4.2.2.1.4 of Annex I to Decision 2004/156/EC have been accepted in the monitoring methodology, please indicate for each installation for which this situation occurred the coverage of emissions, the activity, the tier category (activity data, net calorific value, emission factor, oxidation factor or conversion factor) and the monitoring approach/tier agreed in the permit.

- No installations have reported that they permanently apply tiers below the minimum tiers specified in Table 1 in Section 4.2.2.1.4 of Annex I to Decision 2004/156/EC. Installations applying exceptions (minor source streams, de-minimis source streams, pure biomass etc) in Commission Decision 2004/156/EC are not listed in Table 3 of Part 2 of this Annex.

In answering this question, use Table 3 of Part 2 of this Annex. The information required in Table 3 needs only be given for installations not reported under question 5.2. General derogations provided for in the national legislation must be reported under question 5.1.

- 5.4. Which installations temporarily applied different tier methods than those agreed with the competent authority?

In answering this question, use Table 4 of Part 2 of this Annex.

- 5.5. In how many installations was continuous emissions measurement applied? Please indicate the number of installations per Annex I activity and within each activity per subcategory based on reported annual emissions (less than 50 kt, 50-500 kt and over 500 kt).

In answering this question, use Table 5 of Part 2 of this Annex.

- 5.6. How much CO₂ was transferred from installations? Please indicate the number of tonnes of CO₂ transferred pursuant to section 4.2.2.1.2 of Annex I to Decision 2004/156/EC and the number of installations that transferred CO₂ for each activity listed in Annex I to Directive 2003/87/EC.

In answering this question, use the table below.

Main Annex I activity	Number of installations	CO ₂ transferred [kt CO ₂]	Use of transferred CO ₂
E1	1	79 386	Carbon black
E2			
E3			
F1	3	9 660	Carbon in ore pellets leaving metal ore installations
F2	1	1 563 062	Mixed gas and coke oven gas used for combustion at other installation
M1			
M2			
M3			
O1			
O2			

- 5.7. How much biomass was combusted or employed in processes? Please indicate the quantity of biomass as defined in paragraph 2(d) of Annex I to Decision 2004/156/EC combusted (TJ) or employed (t or m³) for each activity listed in Annex I to Directive 2003/87/EC.

In answering this question, use the table below.

Main Annex I activity	Biomass combusted [TJ]	Biomass employed [t]	Biomass employed [m ³]
E1	349 789		
E2			
E3			
F1			
F2			
M1	1 205	24 376	
M2			
M3		634	
O1	93 963	140 198	
O2	51 196		1 260 492

- 5.8. What was the total quantity of waste used as fuel or input material per waste type? What was the total quantity of resulting CO₂ emissions per waste type?

In answering this question, use the table below. Add further rows if necessary.

Waste type ²	Quantity used/ deployed [t]	Quantity used/ deployed [m ³]	CO ₂ Emissions [t CO ₂]
Hazardous waste			
Industrial waste	54 819		24 411
EWC 020107	60 783		0
EWC 020202	86 661		0
EWC 020304	33 498		0
EWC 030301	4 329 958	3 097 895	0
EWC 030305	95 011		9 631

² The waste types should be reported using the classification of the "European List of Wastes" (Commission Decision 2000/532/EC of 3 May 2000 replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste.

EWC 030307	8 904		6 105
EWC 030310	31 507		0
EWC 030311	4 085		0
EWC 030399	11 395		7 195
EWC 070104		496	629
EWC 160103	42 115		86 497
EWC 170201	457 197	0	0
EWC 191210	244 945		100 490

5.9. Please submit sample monitoring and reporting documents from some temporarily excluded installations, if applicable.

- No installations have been temporarily excluded.

Question 5.10 is to be answered in the report due by 30 June 2006 and in subsequent reports if changes were made during the reporting period:

5.10. What measures have been taken to coordinate reporting requirements with any existing reporting requirements in order to minimise the reporting burden on businesses?

In answering this question, use the table below. Add further rows if necessary.

Which of the following statements applies to your country (add explanatory text if necessary)?	
ETS reporting requirements are coordinated with other reporting requirements	No
Coordination with greenhouse gas inventory compilation under UNFCCC ³ and Decision 280/2004/EC	No
Coordination with EPER ⁴	No
Coordination with IPPC	No
Coordination with NEC ⁵	No
Coordination with LCP ⁶	No
Coordination with EMEP ⁷	No
Coordination with voluntary covenants	No
Coordination with other trading schemes (please specify)	No
ET data can be used by statistical office	Yes (Statistics Sweden - SCB)
Other (please specify): _____	

5.11. What procedures or measures have been implemented to improve monitoring and reporting by operators?

- Guidelines to monitoring and reporting are available at the competent authority (SEPA). The competent authority also provides extensive support through email and telephone.

A new web-based reporting system, E-CO₂, was launched in January of 2009. The purpose of the new system is to simplify and improve the reporting process. An information day about E-CO₂ was held by SEPA in february in order to explain it to the operators.

5.12. Is there any other relevant information concerning the application of the monitoring and reporting guidelines in your country? If so, please specify.

- In Sweden there is an exception in the verifying process for small opt-in installations in the district heating sector. If an operator has more than one opt-in installation the verifier is not obliged to visit all of the opt-in installations only the installation with the largest emission.

³ United Nations Framework Convention on Climate Change

⁴ European Pollutant Emission Register (Commission Decision 2000/479/EC of 17 July 2000), OJ L 192, 28.7.2000, p. 36

⁵ National Emissions Ceilings (Directive 2001/81/EC), OJ L 309, 27.11.2001, p. 22

⁶ Large Combustion Plants (Directive 2001/80/EC), OJ L 309, 27.11.2001, p. 1

⁷ Co-operative Programme for Monitoring and Evaluation of the Long-range Transmission of Air pollutants in Europe

6. ARRANGEMENTS FOR VERIFICATION

Question 6.1 is to be answered in the report due by 30 June 2006 and in subsequent reports if changes were made during the reporting period.

- 6.1. Please describe the framework for verification of emissions, in particular the role of the competent authorities and other verifiers and any special requirements for verifiers already accredited in another country. Please submit documents setting out the accreditation criteria for verifiers as well as any verification guidance provided for accredited verifiers and documents setting out the mechanisms for supervision and quality assurance for verifiers, if available.

In answering this question, use the table below. Add further rows if necessary.

Which of the following statements apply to your country (add explanatory text if necessary)?	
Independent verifiers can be accredited according to national criteria (if so, please provide relevant documents or internet link)	Yes www.swedac.se
National guidance for verification developed (if so, please provide relevant documents or internet link)	Yes http://www.naturvardsverket.se/upload/03_lagar_och_andra_styrmedel/ekonomiska_styrmedel/handel_utslappsratter/pdf/eng_verifying_14dec05.pdf
Are national rules and procedures for verification based upon EN45011 and EA-6/01 ⁸	Yes (EN45011 and EA-6/03)
Verifiers are required to recommend improvements to installation's monitoring	No
Competent authority or other agency has a right to check verified emission reports	Yes
Competent authority or other agency has a right to adjust the verified emission report if deemed unsatisfactory	No
Competent authority or other agency supervises verifiers (including spot checks, training, quality assurance and quality control procedures)	Yes
Competent authority has a right to appoint a verifier to an installation	No
Verifiers accredited in another Member State are subject to another accreditation process	- Yes, full accreditation required According to the act (2004:1199) on emissions trading a verifier has to be accredited for the task according to the Swedish act (1992:1119) on technical control.
Knowledge of language and/or national laws/regulations required for verifiers accredited in another Member State	Verifiers accredited in other MS needs full Swedish accreditation by SWEDAC.
Special QA/QC procedures in place at CA for verifiers accredited in another Member State	Verifiers accredited in other MS needs full Swedish accreditation by SWEDAC.
Other (please specify):	

- 6.2. Did any operator provide an emission report for the reporting period not considered satisfactory by 31 March? If so, please provide a list of the installations concerned and the reasons why no positive verification statement was given.

In answering this question, use Table 6 of Part 2 of this Annex. Cases where operators did not provide any emission report must be reported under question 6.3.

- 6.3. For how many installations were no emission reports for the reporting period provided by 31 March? Please indicate the number of installations, allocated allowances and allowances blocked in the operators' holding accounts per Annex I activity and within each activity per subcategory based on reported annual emissions (less than 50 kt, 50-500 kt and over 500 kt).

In answering this question, use Table 7 of Part 2 of this Annex.

⁸ European Co-operation for Accreditation's (EA) Guidance on the application of EN 45011.

6.4. Which measures were undertaken in cases where operators did not provide an emission report by 31 March of the reporting period?

-The operator will be subject to a late submission fee of approx. 2 000 €. The CA will also decide on the amount of emissions for that installation based on a conservative method, unless the operator provides a verified report before the time of that decision.

6.5. Did the competent authority carry out any independent checks on verified reports? If yes, please describe how additional checks were undertaken and/or how many reports were checked.

-All of the reports (≈ 750) have been roughly checked by the competent authority, to control that no important data was missing. A number of reports (around 50) will be examined in more detail later this year. All of the verification statements have also been checked.

6.6. Did the competent authority instruct the registry administrator to correct the annual verified emissions for the previous year for any installation(s) to ensure compliance with the detailed requirements established by the Member State pursuant to Annex V to Directive 2003/87/EC?

- Not applicable in Sweden during the reporting period.

Indicate any corrections in Table 6 of Part 2.

6.7. Is there any other relevant information concerning the arrangements for verification in your country? If so, please specify.

- No other relevant information.

7. OPERATION OF REGISTRIES

Question 7.1 is to be answered in the report due by 30 June 2006 and in subsequent reports if changes were made during the reporting period:

7.1. Please provide any terms and conditions required to be signed by account holders and provide a description of the identity check of persons undertaken before creating holding accounts (cf. Commission Regulation (EC) No 2216/2004).

In answering this question, use the table below.

Please provide the link to your registry	https://www1.stem.se/etjanster/default.aspx
Which of the following statements apply to your country (add explanatory text if necessary)?	
Specific terms and conditions elaborated which account holders have to sign (if yes, please provide relevant documents or links)	No
Different identity checks applied for operators and individuals	No, only individuals can get access to the registry.
Personal presence required for ID checks for residents in Member State ⁹	Yes, individuals have to identify themselves when collecting the digital ID from the provider.
ID check through written procedure only for residents ¹⁰	No
Personal presence required for ID checks for residents of other countries ¹¹	Yes, individuals have to identify themselves at the local post office when collecting their password for installing the digital ID, sent by registered mail by the registry administrator.
ID check through written procedure only for residents in other countries ¹²	No
Copy of company register or similar documentation required for opening of operator holding account?	Yes, only for foreign participants. Swedish participants supplies their organization number and is checked against the Swedish Company Registry.
Documentation showing right to represent company required for opening of operator holding account?	Yes, through written authorization from the person who has the right to sign for the operator.
Other (please specify): _____	Digital ID for individuals, both national and foreign participants.

- 7.2. Please provide a summary of all security alerts relevant to the national registry which have occurred during the reporting period, how they were addressed and the time taken for resolution.

In answering this question, use the table below. Add further rows if necessary.

⁹ This includes ID checks by third parties like post offices or notary where the applicant has to present himself in person.

¹⁰ This includes electronic procedures.

¹¹ This includes ID checks by third parties like embassies where the applicant has to present himself in person.

¹² This includes electronic procedures.

Which of the following statements apply to your country (add explanatory text if necessary)?			
General procedures in place to prevent occurrence of security alerts		Yes	
Security alerts relevant to national registries occurred during the reporting period		No	
If yes, please fill out the following table			
Type of security alert	Number of occurrences	Action taken	Time needed for resolution
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

- 7.3. Please state how many minutes for each month of the reporting period the national registry was unavailable to its users (a) due to scheduled downtime, and (b) due to unforeseen problems.

In answering this question, use the table below.

Month	Scheduled downtime [minutes]	Unscheduled downtime [minutes]
January	0	360
February	960	0
March	1725	1440
April	60	180
May	1560	5940
June	120	0
July	300	0
August	345	0
September	840	0
October	1290	0
November	960	0
December	1740	300

- 7.4. Please list and provide details on each upgrade to the national registry scheduled for the next reporting period.

In answering this question, use the table below. Add further rows if necessary.

Which of the following statements apply to your country (add explanatory text if necessary)?	
Regular time slots allocated for maintenance and upgrading of registry (if so, please provide dates)	No
Registry will be upgraded together with upgrade of software system used	Yes
Please provide details for all upgrades scheduled for the next reporting period	
Date	Purpose
Autumn 2010	New version of software both due to fixes of errors in the software and changes in the registry regulation.

7.5. Is there any other relevant information concerning the operation of registries in your country? If so, please specify.

8. ARRANGEMENTS FOR THE ALLOCATION OF ALLOWANCES – NEW ENTRANTS – CLOSURES

Questions 8.1 and 8.2 are to be answered in the first report after each notification and allocation procedure laid down in Articles 9 and 11 of Directive 2003/87/EC.

8.1. Looking back at the completed allocation process, please describe the main lessons learnt by your authorities, and how you think they will influence your approach to the next allocation process.

- The process with allocations to new entrants was subject to a substantial delay due to the prolonged approval procedure.

8.2. Do you have any suggestions for the improvement of future notification and allocation processes for the Community as a whole?

- Auctioning is, in principle, the preferred allocation method and should be applied in EU ETS as far as possible. Benchmarking is the second best alternative and it should be used, if applicable, when auctioning is not feasible.
- Choice of allocation method has to consider if sectors are facing international competition, as is the case for in particular energy intensive industry.
- The EU electricity and district heating sectors act within the Union and should not be allocated free allowances after 2012. These sectors' allowances should be distributed to the market by means of auctions that are open to all parties within the EU ETS.

8.3. How many allowances were allocated to the new entrants listed in Table 1, if any? Please give the installation identification code for the new entrant and the transaction identification code associated with the allocation of allowances.

In answering this question, use Table 1 of Part 2 of this Annex.

- 8.4. How many allowances were left in any new entrants reserve at the end of the reporting period, and what share do they represent of the original reserve?

In answering this question, use the table below.

Number of allowances left in the new entrants reserve at the end of the reporting period (31 December each year)	1744306
Share of allowances remaining in the new entrants reserve, in percent	13%
* Calculated from an original new entrants reserve of 13 377 992.	

- 8.5. If your Member State allocates allowances other than for free, please explain how such allocation is made (e.g. way in which auctioning is undertaken)?

-Sweden allocates allowances for free.

- 8.6. If auctioning was used as an allocation method, who was allowed to participate in the auction?

In answering this question, use the table below.

National operators only	-
National registry account holders only	-
All Community operators	-
All bidders with an account in a Community registry	-
Other (please specify): _____	-

- 8.7. If auctioning was used as an allocation method, how many auctions were held during the reporting period, how many allowances were auctioned during each auction, what share do they represent of the total quantity of allowances for the trading period and what was the price per allowance at each auction?

In answering this question, use the table below.

Was auctioning used as an allocation method?	No
If yes, please answer the following questions.	
Number of auctions held during the reporting period (1 January to 31 December)	-
Number of allowances auctioned (each auction separately)	-

Clearing price of auction (each auction separately)	-
---	---

- 8.8. If auctioning was used as an allocation method, what use was made of allowances not purchased at the auction(s)?
- 8.9. If auctioning was used as an allocation method, what were the revenues used for?
- 8.10. How were allowances treated that had been allocated but were not issued to installations that closed during the reporting period?

- Due to Swedish legislation an operator that closes an installation may keep all of the allowances for the entire trading period, provided that the permit is still valid and the terms and conditions of the permit are complied.

Question 8.11 is to be answered in the first report following the end of the trading periods set out in Article 11(1) and (2) of Directive 2003/87/EC.

- 8.11. Were allowances remaining in the new entrants' reserve at the end of the trading period cancelled or auctioned?

-The allowances regarding the 2005-2007 trading period were cancelled in September 2008 due to go-live.

- 8.12. Is there any other relevant information concerning the arrangements for allocation, new entrants and closures in your country? If so, please specify.

- No other relevant information.

9. SURRENDER OF ALLOWANCES BY OPERATORS

- 9.1. In all cases where an account in the registry was closed because there was no reasonable prospect of further allowances being surrendered by the installation's operator, please describe why there was no reasonable further prospect and state the amount of outstanding allowances.¹³

- Not applicable in Sweden during the reporting period.

In answering this question, use the table below. Add further rows if necessary.

¹³ If the amount of outstanding allowances is not know please provide an estimate of outstanding allowances based on the last verified emission report, remaining allowances in the account and other information available to the Competent Authority.

Reason for closure of account	Quantity of outstanding allowances [kt CO ₂ eq]
-	-
-	-
-	-

9.2. Is there any other relevant information concerning the surrender of allowances by operators in your country? If so, please specify.

-No other relevant information.

10. USE OF EMISSION REDUCTION UNITS (ERUs) AND CERTIFIED EMISSION REDUCTIONS (CERs) IN THE COMMUNITY SCHEME

Question 10.1 is to be answered annually starting with the report submitted in 2006 as regards CERs and starting with the report submitted in 2009 as regards ERUs:

10.1. Have ERUs and CERs been issued for which an equal number of allowances had to be cancelled pursuant to Article 11(b)(3) or (4) of Directive 2003/87/EC because the Joint Implementation (JI) or Clean Development Mechanism (CDM) project activities reduce or limit directly or indirectly the emission level of installations falling under the scope of that Directive? If so, please provide the sum of allowances cancelled and the total number of operators concerned separately for cancellation pursuant to Article 11(b)(3) and (4) of that Directive.

In answering this question, use the table below.

	Quantity of allowances cancelled	Number of operators affected
cancellation pursuant to Article 11(b)(3)	0	0
cancellation pursuant to Article 11(b)(4)	0	0

Questions 10.2 and 10.3 are to be answered in the report due by 30 June 2006 and in subsequent reports if changes were made during the reporting period:

10.2. Which CERs and ERUs may be used for compliance in your Member State? Please state any project category excluded except those which are already excluded pursuant to Article 11(a)(3) of Directive 2003/87/EC (CERs and ERUs from nuclear or from land use, land use change and forestry project activities).

In answering this question, use the table below.

CERs and ERUs from all project categories can be used	Yes
CERs and ERUs from certain project categories are excluded (if yes, please	No

specify)	
----------	--

- 10.3. What measures have been taken to ensure that relevant international criteria and guidelines, including those contained in the year 2000 Final Report of the World Commission on Dams (WCD), will be respected during the development of hydro-electric power production projects with a generating capacity exceeding 20MW?

In answering this question, use the table below. Add further rows if necessary.

Which of the following statements apply to your country (add explanatory text as necessary):	
Project participants are legally obliged to adhere to the WCD guidelines	Yes. Legislation states that DNA/DFP will not approve a project activity if the project's design does not conform with Article 11(b)(6).
Adherence to WCD guidelines is verified (if so, please provide relevant authority, e.g. competent authority or Designated National Authority)	Yes Legislation and procedures require that applicants provide supporting documentation illustrating that the relevant international guidelines have been met, or with certification to this effect from an accredited DOE. An advisory council (Council for International Climate Projects) has been established to advise the DNA/DFP on project's adherence to the guidelines.
Other international criteria and guidelines have to be respected during the development of large hydro-electric power projects (if so, please provide relevant documents or links)	No Swedish companies have agreed to adhere to OECD guidelines, no specific requirement or verification is planned for this.
Other (please specify): _____	

- 10.4. Is there any other relevant information concerning the use of ERUs and CERs in the Community scheme in your country? If so, please specify.

- In Sweden ERUs and CERs can be used for compliance in the EUETS by operators. The overall limit for usage of ERUs and CERs is 10 percent of the allocation. Installation specific limits apply and are decided by the SEPA. The limits are in general calculated using emission figures for 2006. The limits are period based.

11. FEES AND CHARGES

Questions 11.1 to 0 are only to be answered in the report due by 30 June 2006 and in subsequent reports if changes were made during the reporting period:

- 11.1. Are fees charged to operators for the issuance and update of permits? If so, please provide details on the fees charged, total proceeds and the use of the proceeds.

-No fees.

- 11.2. What fees are charged to operators for the issuance of allowances? If so, please provide details on the fees charged, total proceeds and the use of the proceeds.

-No fees.

- 11.3. What fees are charged for the use of the registry if any? Please give details.

In answering this question, use the table below?

Which of the following statements apply to your country (add explanatory text as necessary)?	
Fees are charged for the use of the registry	Operators: No Individuals: No
Different fees in place for operators and individuals	No
Fee for opening an account ¹⁴	Operators holding account: 0 € once/per trading period Personal holding account: 1000 SEK once
Annual fee for maintaining account ¹⁵	No
Other (please specify): Non-Swedish citizens need to apply for an electronic ID-certificate to be able to access the registry. This comes with a service fee _____	SEK 500 for a 2-user license

- 11.4. Is there any other relevant information concerning fees and charges in the Community scheme in your country? If so, please specify.

- No other relevant information.

12. ISSUES RELATED TO COMPLIANCE WITH THE ET DIRECTIVE

Question 12.1 is to be answered in the report due by 30 June 2006 and in subsequent reports if changes were made during the reporting period:

- 12.1. Please state the relevant national provisions and the penalties for infringements of national provisions pursuant to Article 16(1) of the ET Directive.

- It is too early to give a complete answer to this question because these issues have not been tried in court.

In answering this question, use the table below. Add further rows if necessary.

Kind of infringement	Relevant national provision	Fines [€]	Imprisonment [months]

¹⁴ Indicate the relevant period as well (once/per trading period).

¹⁵ If fees depend on allocation please provide minimum and maximum fees if applicable and the relevant formula.

		min	max	min	max
Operation without permit					12
Infringements of monitoring and reporting obligations					12
Omission to notify changes to the installation					12
Other (please specify)					

- 12.2. Where penalties were imposed pursuant to Article 16(1) of the ET Directive for infringements of national provisions, please state the relevant national provisions, briefly describe the infringement and give the penalties imposed.

In answering this question, use the table below. Add further rows if necessary.

Infringement	National provision	Penalty imposed	
		Fines [€]	Imprisonment [months]
Delayed emission reports	Delay charge	Aprox. 1 950 EUR (20 000 SEK)	
Non verified emission reports	Charge	Aprox. 1 950 EUR (20 000 SEK)	
Failure of surrendering the correct amount of allowances	Charge	100 EUR/allowance	

- 12.3. Please provide the names of operators for which excess emission penalties were imposed pursuant to Article 16(3) of the ET Directive.

No operators have been imposed to excess emission penalties.

In answering this question, it is sufficient to provide a reference to the publication of the names under Article 16(2) of the ET Directive.

- 12.4. Is there any other relevant information related to compliance with the ET Directive in your country? If so, please specify.

-No other relevant information

13. THE LEGAL NATURE OF ALLOWANCES AND FISCAL TREATMENT

Questions 13.1 to 13.8 are only to be answered in the report due by 30 June 2006 and in subsequent reports if changes were made during the reporting period:

13.1. What is the legal nature of an allowance (commodity/financial instrument) for the purpose of financial regulation?

- Allowances are regarded as financial instruments.

13.2. What is the legal status given to allowances and emissions for the purposes of accounting?

- Allowances are treated as stock supply, if they are in the possession of an operator included in the trading scheme.

13.3. Were any specific accounting rules established or adopted for allowances? If yes, please describe them briefly.

- Yes, see question 13.2. Act (1999:1229) on income tax.

13.4. Are transactions of allowances subject to VAT?

-

13.5. Is the issuance of allowances subject to VAT?

-

13.6. If your Member State allocates allowances for payment, is VAT due on the transaction?

-Sweden allocates allowances for free.

13.7. Are profits or losses from transactions of allowances subject to a specific income tax (e.g. specific tariffs)?

-

13.8. Is there any other relevant information concerning the legal nature of allowances and their fiscal treatment in your country? If so, please specify.

- No other relevant information.

14. ACCESS TO INFORMATION PURSUANT TO ARTICLE 17 OF THE ET DIRECTIVE

- 14.1. Where are decisions relating to the allocation of allowances, information on project activities in which a Member State participates or authorises private or public entities to participate, and reports of emissions required under the greenhouse gas emissions permit and held by the competent authority made available to the public?

In answering this question, use the table below:

<i>Type of information</i>	<i>Information available to public</i>	<i>If information is available, at which location?</i>		
		<i>Internet¹⁶</i>	<i>Official Publication¹⁷</i>	<i>Other (please specify)</i>
<i>Allocation rules</i>	<i>Yes</i>	www.utslappshandel.se	<i>Ordinance (2004:1205) on emissions trading</i>	
<i>NAP table</i>	<i>Yes</i>	www.utslappshandel.se		
<i>Changes to list of installations</i>	<i>Yes</i>	www.utslappshandel.se		
<i>Verified emission reports</i>	<i>Upon request only</i>			
<i>Project activities</i>	<i>Yes</i>	www.energimvndigheten.se		
<i>Greenhouse gas emissions permit</i>	<i>Upon request only</i>			
<i>Information required by Annex XVI to Regulation (EC) No 2216/2004</i>	<i>Yes</i>	www.utslappshandel.se		
<i>Other (please specify):</i> _____				

- 14.2. Is there any other relevant information concerning the access to information pursuant to Article 17 of the ET Directive in your country? If so, please specify.

- No other relevant information.

¹⁶ Please provide web address.

¹⁷ Please provide the title.

15. OTHER OBSERVATIONS

- 15.1. Were public studies on the implementation and the further development of the European emissions trading scheme undertaken in your country? If so, please provide the document, reference or internet link together with a very brief outline of the study.

-A report written by SEA that is a compilation of status and events on the EU ETS market during 2009. The report is mainly based on the informative material that has been made available by leading market analysts and is written in Swedish. ER 2010:10 - Utvecklingen på utsläppsrättsmarknaden 2009.
http://webbshop.cm.se/System/ViewResource.aspx?p=Energimyndigheten&rl=default:/Resources/Permanent/StorageItem/62a65aa4268047a2badcb7860e9af879/ER2010_10W.pdf

- 15.2. Are there any particular implementation issues that give rise to concerns in your country? If so, please specify.

Table I
Change to list of installations

A		B		C		D		E		F		G		H		I		J		
Permit ID code	Installation	Installation ID code	Operator Name	Main Annex I activity ^(a)	Other Annex I activities ^(a)	Main non-Annex I activity ^(a)	Change compared with installations included in NAP ^(b)	Allowances allocated or issued ^(c)	Year(s)	Transaction identification code ^(e)										
SE-21-563-12716-2004	SE-18	AB Fortum Värme samägt med Stockholms Stad	AB Fortum Värme samägt med Stockholms Stad	E1			Closure													
SE-05-563-015684-2004	SE-191	Mjölby-Svartåalen Energi AB	Mjölby-Svartåalen Energi AB	E1			Closure													
SE-25-563-18638-04	SE-119	Haparanda Värmeverk AB	Haparanda Värmeverk AB	E1			Closure													
SE-18-563-012433-2004	SE-122	Hällefors Värme AB	Hällefors Värme AB	E1			Closure													
SE-09-563-6136-04	SE-307	Vattnfall AB	Vattnfall AB	E1			Closure													
SE-12-563-48925-2004	SE-294	Varvstaden AB	Varvstaden AB	E1			Falling below capacity threshold													
SE-01-563-018318-2005	SE-702	Vattnfall AB	Vattnfall AB	E1			Closure													
SE-18-563-012550-2004	SE-571	Hällefors Värme AB	Hällefors Värme AB	E1			Closure													
SE-19-563-12331-2007	SE-778	Surahamnars Bruks AB	Surahamnars Bruks AB	F2			New Entrant													
SE-12-563-29473-2006	SE-790	E.ON Värme Kraft Sverige AB	E.ON Värme Kraft Sverige AB	E1			New Entrant													
SE-10-563-009864-08	SE-792	Affärsvetken Karlskrona AB	Affärsvetken Karlskrona AB	E1			New Entrant													
SE-14-563-110431-2007	SE-780	Kärnans Kraftvärme AB	Kärnans Kraftvärme AB	E1			New Entrant													
SE-24-563-1342-2008	SE-781	Umeå Energi AB	Umeå Energi AB	E1			New Entrant													
SE-03-563-0017363-2008	SE-788	E.ON Miljö Kraft Värme AB	E.ON Miljö Kraft Värme AB	E1			New Entrant													
SE-03-563-0018285-2008	SE-789	E.ON Miljö Kraft Värme AB	E.ON Miljö Kraft Värme AB	E1			New Entrant													
SE-07-563-006363-2008	SE-793	E.ON Värme Sverige AB	E.ON Värme Sverige AB	E1			New Entrant													
SE-13-563-021840-2007	SE-794	Varberg Energi AB	Varberg Energi AB	E1			New Entrant													
SE-03-563-0015986-2008	SE-791	Gyproc AB	Gyproc AB	M1			New Entrant													
SE-12-563-12942-2009	SE-795	Knauf Danogips GmbH	Knauf Danogips GmbH	M1			New Entrant													
SE-08-563-9871-2008	SE-713	Swedspan Sweden AB	Swedspan Sweden AB	E1			New Entrant													
SE-25-563-17429-05	SE-775	Ålvshyttans Energi AB	Ålvshyttans Energi AB	E1			New Entrant													
SE-01-563-103282-2008	SE-796	E.ON Värme Sverige AB	E.ON Värme Sverige AB	E1			New Entrant													
SE-06-563-004639-2009	SE-717	Kalmar Energi Värme AB	Kalmar Energi Värme AB	E1			New Entrant													
SE-08-563-001992-2009	SE-797	E.ON Värme Sverige AB	E.ON Värme Sverige AB	E1			New Entrant													
SE-10-563-094668-2009	SE-798	Ronneby miljöö & teknik AB	Ronneby miljöö & teknik AB	E1			New Entrant													
SE-06-563-005501-2009	SE-799	Jonköping Energi AB	Jonköping Energi AB	E1			New Entrant													
SE-12-563-37466-2004	SE-790	E.ON Värme Kraft Sverige AB	E.ON Värme Kraft Sverige AB	E1			New Entrant													
SE-01-563-20424-2007	SE-760	Söderenergi AB	Söderenergi AB	E1			New Entrant													
SE-25-563-14127-09	SE-772	Övik Energi AB	Övik Energi AB	E1			New Entrant													
SE-14-563-48443-2004	SE-196	Mölnådal Energi AB	Mölnådal Energi AB	E1			New Entrant													
SE-06-563-005503-2009	SE-800	Jonköping Energi AB	Jonköping Energi AB	E1			New Entrant													

(a) The main installation can carry out activities falling under different subheadings. All relevant activities should be indicated. Please use the codes for Annex I activities listed in the table to question 3.3.

(b) The main activity at an installation can be other than an Annex I activity. Please fill in where relevant.

(c) Please indicate 'new entrant', 'closure' or 'falling below capacity thresholds'.

(d) For new entrants, please indicate the years for which the quantity of allowances was allocated. For closures, please indicate allowances issued during the remaining trading period, if applicable.

(e) For new entrants, please indicate the code associated with the allocation of the allowances.

Table 2

Monitoring methods applied (only for installations contributing cumulatively to 50% of the total emissions included in the trading scheme. No information needs to be reported for sources within these installations with annual emissions below 25 kt CO2 eq.)

Member State: Sweden

Reporting Period: 2009

A Permit ID code	B Installation ID code	C Main Annex I activity ^(a)	D Total annual emissions ^(b) t CO ₂	E Annex I activity ^(c)	F Emission source Fuel or activity type ^(d)	G Related emissions ^(b) t CO ₂	H Activity data		I Emission factor		J Tier chosen ^(e) Net calorific value		K Oxidation factor		L Emission factor		M Values		N Net calorific value Unit ^(f)	O Value	P Oxidation factor %
							Tier	Tier	Tier	Tier	Tier	Tier	Tier	Tier	Tier	Tier	Tier	Tier			
Preen Petroleum AB SE-14-563-05527-2004	SE-426	E2	1 777 937	E2	Refinery gas	53224,6	4a	3	1	2,386	tCO ₂ /t	0	0	99,5%	2,386	tCO ₂ /t	0	0	99,5%		
					Refinery gas	266217,7	4a	3	1	2,81	tCO ₂ /t	0	0	99,5%	2,81	tCO ₂ /t	0	0	99,5%		
					Refinery gas	42438,2	4a	3	1	2,712	tCO ₂ /t	0	0	99,5%	2,712	tCO ₂ /t	0	0	99,5%		
					Refinery gas																
Lulekraft AB SE-15-563-016191-2004	SE-178	E1	1 636 213	E1	Mixed process gases	1555046,8	3a	3	3	291	tCO ₂ /tJ	3,34E-06	TJ/m ³	100%	291	tCO ₂ /tJ	3,34E-06	TJ/m ³	100%		
					EO3 WRD	65948,6	2a	3	1	75	tCO ₂ /tJ	0,03766	TJ/m ³	100%	75	tCO ₂ /tJ	0,03766	TJ/m ³	100%		
Carnesta AB SE-09-563-005614-2004	SE-406	M1	1 408 645	M1	Dust coal	96564	3b	3	3	92	tCO ₂ /tJ	0,02443	TJ/t	100%	92	tCO ₂ /tJ	0,02443	TJ/t	100%		
					Petroleum coke	52803	3b	3	3	93	tCO ₂ /tJ	0,03165	TJ/t	100%	93	tCO ₂ /tJ	0,03165	TJ/t	100%		
					Clinker production	1882080	2b	2	2	0,5457	tCO ₂ /t	0	0		0,5457	tCO ₂ /t	0	0			
SSAB Oxelund AB SE-14-563-011682-2004	SE-494	F2	951 903	F2	Coking coal	1351606,9	4	1	1	1	tCO ₂ /t	0	0		1	tCO ₂ /t	0	0			
					post-coal	116260	4	1	1	1	tCO ₂ /t	0	0		1	tCO ₂ /t	0	0			
					coke	38814	3	1	1	1	tCO ₂ /t	0	0		1	tCO ₂ /t	0	0			
SSAB Tumpå AB SE-15-563-017244-2004	SE-495	F2	869 053	F2	EO5	42668	4	1	1	1	tCO ₂ /t	0	0		1	tCO ₂ /t	0	0			
					coke gas	170019	3	3	2	42,15	tCO ₂ /tJ	1,73E-05	TJ/m ³		42,15	tCO ₂ /tJ	1,73E-05	TJ/m ³			
					blast furnace gas in converter	564984	3	3	2	315,4	tCO ₂ /tJ	2,91E-06	TJ/m ³		315,4	tCO ₂ /tJ	2,91E-06	TJ/m ³			
					Top flame	69463,377	3	3	2	302	tCO ₂ /tJ	2,97E-06	TJ/m ³		302	tCO ₂ /tJ	2,97E-06	TJ/m ³			
AB Forum Yarnie samägt med Stockholms stad SE-01-563-071835-2004	SE-45	E1	740 342	E1	LD gas torch	46413,956	3	3	2	212,5	tCO ₂ /tJ	7,83E-06	TJ/m ³		212,5	tCO ₂ /tJ	7,83E-06	TJ/m ³			
					coal	645269,2	3a	3	3	93,79	tCO ₂ /tJ	0,02699	TJ/t		93,79	tCO ₂ /tJ	0,02699	TJ/t			
					EO5	74986,489	3a	2a	1	76,2	tCO ₂ /tJ	0,03816	TJ/m ³		76,2	tCO ₂ /tJ	0,03816	TJ/m ³			
Borealis AB SE-14-563-057291-2004	SE-357	E1	535 704	E1	Brättingas	96273	4a	3	3	2,67	tCO ₂ /t	0	0	100%	2,67	tCO ₂ /t	0	0	100%		
					Brättingas	402862	4a	3	3	2,44	tCO ₂ /t	0	0	100%	2,44	tCO ₂ /t	0	0	100%		
Preen Petroleum AB SE-14-563-052091-2004	SE-424	E2	496 876	E2	Refinery gas	74232,992	4a	3	3	2,8	tCO ₂ /t	0	0	99,5%	2,8	tCO ₂ /t	0	0	99,5%		
					Refinery gas	31924	4a	3	3	2,8	tCO ₂ /t	0	0	99,5%	2,8	tCO ₂ /t	0	0	99,5%		

A Permit ID code	B Installation ID code	C Main Annex I activity ^(a)	D Total annual emissions ^(b) (CO ₂)	E Annex I activity ^(c)	F Emission source Fuel or activity type ^(d)	G Related emissions ^(b) (CO ₂)	H Activity data		I Tier chosen ^(e)		J Net calorific value	K Oxidation factor Tier	L Emission factor Value	M Unit ^(f) CO ₂ /t	N Values Net calorific value Value	O Unit ^(f) %	P Oxidation factor %
							Tier	Value	Tier	Value							
				E2	Refinery gas	343329	3	3	1				2,8	CO ₂ /t	0		100,0%

^(a) The same installation can carry out activities falling under different subheadings. The main Annex I activity should be indicated. Please use the codes for Annex I activities listed in the table to question 3.3.

^(b) Verified emissions if available, otherwise emissions as reported by the operator.

^(c) The same installation can carry out activities falling under different subheadings. For each fuel or activity type the Annex I activity should be indicated. Please use the codes for Annex I activities listed in Table 1.

^(d) Hard coal, natural gas, steel, lime, etc. Please use a separate line for each fuel or activity if more than one fuel or activity is carried out in the same installation.

^(e) Only to be filled out if emissions are calculated.

^(f) kg CO₂/kWh, t CO₂/kg, etc.

^(g) kJ/kg, kJ/m³, etc.

Table 3

Monitoring methods applied for installations for which it has not been feasible to use the minimum tiers specified in Table 1 of Section 4.2.2.1.4 of Decision (2004/156/EC)

Member State: Sweden

Reporting Period: 2009

A		B	C	D	E	F	G	H	I
Permit ID code	Installation ID code	Annex I activity ^(a)	Total annual emissions t CO ₂	Affected monitoring parameter ^(b)	Minimum tier according to MRG	Tier applied	Reason for lower tier ^(c)	Lower tier permitted until ^(d)	Month/year
SE-23-563-011452-200	SE-559	EI	4211						
SE-10-563-006104-200	SE-554	EI	0						
SE-24-563-013912-200	SE-296	EI	25140						
SE-14-563-068165-200	SE-874	EI	752						
SE-19-563-010310-200	SE-51	EI	1043						
SE-01-563-076161-200	SE-201	EI	13						
SE-24-563-013684-200	SE-293	EI	1008						
SE-12-563-046587-200	SE-837	EI	0						
SE-13-563-010577-200	SE-251	EI	42						
SE-05-563-017962-200	SE-443	O2	48115						
SE-21-563-013796-200	SE-98	EI	732						
SE-09-563-006204-200	SE-87	EI	2409						
SE-17-563-010635-200	SE-143	EI	553						
SE-05-563-017183-200	SE-581	EI	660						
SE-01-563-071862-200	SE-8	EI	1						
SE-01-563-076167-200	SE-294	EI	0						
SE-01-563-076172-200	SE-325	EI	10						
SE-01-563-076196-200	SE-341	EI	7						

A	B	C	D	E	F	G	H	I
Permit ID code	Installation ID code	Annex I activity ^(a)	Total annual emissions t CO ₂	Affected monitoring parameter ^(b)	Minimum tier according to MRG	Tier applied	Reason for lower tier ^(c)	Lower tier permitted until ^(d)
				meter	Tier	Tier		Month/year
SE-21-563-013797-200	SE-99	E1	442					
SE-19-563-012431-200	SE-897	E1	6 745					
SE-05-563-017192-200	SE-620	E1	43					
SE-09-563-006078-200	SE-85	E1	0					
SE-05-563-017194-200	SE-279	E1	823					
SE-01-563-070747-200	SE-346	E1	17 686					
SE-14-563-056191-200	SE-254	E1	2 898					
SE-17-563-010253-200	SE-432	O1	43 080					
SE-10-563-004978-200	SE-141	E1	3 623					
SE-10-563-004668-200	SE-909	E1	0					
SE-13-563-010858-200	SE-488	F2	18 205					
SE-13-563-010578-200	SE-255	E1	2 580					
SE-12-563-040399-200	SE-256	E1	152 415					
SE-12-563-043428-200	SE-489	F2	171 778					
SE-22-563-010575-200	SE-687	E1	46 104					
SE-08-563-008235-200	SE-92	E1	4 188					
SE-08-563-008237-200	SE-93	E1	7					
SE-08-563-008238-200	SE-512	E1	583					
SE-06-563-015120-200	SE-614	E1	0					
SE-13-563-009205-200	SE-68	E1	3 808					
SE-14-563-050033-200	SE-450	O2	22 273					
SE-21-563-013795-200	SE-100	E1	409					
SE-08-563-011579-200	SE-607	E1	206					
SE-08-563-009302-200	SE-655	E1	543					

A	B	C	D	E	F	G	H	I
Permit ID code	Installation ID code	Annex I activity ^(a)	Total annual emissions t CO ₂	Affected monitoring parameter ^(b)	Minimum tier according to MRG	Tier applied	Reason for lower tier ^(c)	Lower tier permitted until ^(d)
				meter	Tier	Tier		Month/year
SE-25-563-015784-200	SE-447	O2	25 525					
SE-03-563-012239-200	SE-520	E1	9					
SE-05-563-017185-200	SE-631	E1	11					
SE-17-563-010637-200	SE-144	E1	216					
SE-17-563-010643-200	SE-147	E1	247					
SE-17-563-010639-200	SE-145	E1	12 577					
SE-05-563-017196-200	SE-281	E1	1 118					
SE-05-563-018714-200	SE-420	M3	26 536					
SE-01-563-071863-200	SE-24	E1	522					
SE-12-563-040423-200	SE-258	E1	5 693					
SE-08-563-011580-200	SE-604	E1	23					
SE-05-563-018112-200	SE-582	E1	149					
SE-07-563-005242-200	SE-176	E1	28 419					
SE-25-563-017737-200	SE-497	F1	296 571					
SE-25-563-013336-200	SE-498	F1	90 083					
SE-25-563-017738-200	SE-499	F1	73 568					
SE-22-563-014038-200	SE-862	E1	0					
SE-08-563-004639-200	SE-908	E1	3 600					
SE-06-563-014071-200	SE-202	E1	2 723					
SE-14-563-056195-200	SE-260	E1	0					
SE-19-563-010560-200	SE-154	E1	287					
SE-08-563-008234-200	SE-91	E1	1 319					
SE-14-563-059592-200	SE-873	E1	476					
SE-06-563-015132-200	SE-615	E1	0					

A	B	C	D	E	F	G	H	I
Permit ID code	Installation ID code	Annex I activity ^(a)	Total annual emissions t CO ₂	Affected monitoring parameter ^(b)	Minimum tier according to MRG	Tier applied	Reason for lower tier ^(c)	Lower tier permitted until ^(d)
				meter	Tier	Tier		Month/year
SE-06-563-015131-200	SE-606	E1	43					
SE-06-563-015133-200	SE-605	E1	325					
SE-22-563-007983-200*	SE-922	E1	5 205					
SE-13-563-021640-200*	SE-905	E1	1 861					
SE-24-563-011617-200*	SE-671	E1	148					
SE-13-563-009204-200*	SE-560	E1	45					
SE-05-563-015377-200*	SE-338	E1	134					
SE-24-563-012130-200*	SE-918	E1	0					
SE-10-563-005433-200*	SE-917	E1	0					
SE-10-563-006617-200*	SE-500	E1	0					
SE-24-563-013686-200*	SE-295	E1	965					
SE-10-563-004986-200*	SE-502	E1	64					
SE-25-563-014600-200*	SE-392	E1	128					
SE-10-563-008405-200*	SE-693	E1	0					
SE-24-563-014079-200*	SE-207	E1	20					
SE-13-563-009201-200*	SE-67	E1	3					
SE-10-563-009964-200*	SE-920	E1	0					
SE-10-563-005434-200*	SE-916	E1	0					
SE-13-563-009202-200*	SE-69	E1	79					
SE-04-563-012092-200*	SE-150	E1	0					
SE-04-563-012095-200*	SE-149	E1	571					
SE-13-563-010737-200*	SE-412	M2	144 662					
SE-09-563-006079-200*	SE-88	E1	0					
SE-21-563-013544-200*	SE-54	E1	0					

A	B	C	D	E	F	G	H	I
Permit ID code	Installation ID code	Annex I activity ^(a)	Total annual emissions t CO ₂	Affected monitoring parameter ^(b)	Minimum tier according to MRG	Tier applied	Reason for lower tier ^(c)	Lower tier permitted until ^(d)
					Tier	Tier		Month/year
SE-07-563-005235-200	SE-543	E1	0					
SE-21-563-013543-200	SE-529	E1	0					
SE-19-563-010564-200	SE-155	E1	0					
SE-07-563-005238-200	SE-540	E1	0					
SE-21-563-013542-200	SE-528	E1	6					
SE-07-563-005239-200	SE-548	E1	0					
SE-19-563-010563-200	SE-156	E1	0					
SE-07-563-005240-200	SE-549	E1	35					
SE-19-563-010561-200	SE-539	E1	0					
SE-07-563-005241-200	SE-817	E1	8					
SE-07-563-002690-200	SE-656	E1	522					
SE-07-563-005234-200	SE-816	E1	3					
SE-01-563-091781-200	SE-680	E1	175					
SE-07-563-000759-200	SE-678	E1	24					
SE-18-563-011979-200	SE-457	O1	572					
SE-17-563-007079-200	SE-704	E1	5					
SE-07-563-006627-200	SE-335	E1	248					
SE-14-563-060902-200	SE-59	E1	8 316					
SE-14-563-056194-200	SE-261	E1	85					
SE-21-563-013541-200	SE-55	E1	5 114					
SE-17-563-011951-200	SE-493	F2	12 490					
SE-14-563-047103-200	SE-350	E1	42 812					
SE-22-563-013766-200	SE-700	E1	299					
SE-14-563-056947-200	SE-405	M1	317 219					

A	B	C	D	E	F	G	H	I
Permit ID code	Installation ID code	Annex I activity ^(a)	Total annual emissions t CO ₂	Affected monitoring parameter ^(b)	Minimum tier according to MRG	Tier applied	Reason for lower tier ^(c)	Lower tier permitted until ^(d)
				meter ^(b)	Tier	Tier		Month/year
SE-01-563-073129-200	SE-354	E1	8 833					
SE-03-563-013707-200	SE-486	F2	945					
SE-13-563-011900-200	SE-470	O2	37 545					
SE-07-563-006626-200	SE-336	E1	0					
SE-05-563-017188-200	SE-282	E1	1 187					
SE-05-563-017197-200	SE-283	E1	1 870					
SE-17-563-013693-200	SE-866	E1	98					
SE-17-563-010425-200	SE-657	E1	1					
SE-17-563-008715-200	SE-689	U1	1					
SE-22-563-013763-200	SE-403	E1	518					
SE-05-563-017190-200	SE-284	E1	879					
SE-05-563-017084-200	SE-285	E1	0					
SE-12-563-040420-200	SE-262	E1	930					
SE-21-563-012503-200	SE-483	O1	4 682					
SE-09-563-006021-200	SE-86	E1	0					
SE-12-563-046097-200	SE-344	E1	2 066					
SE-10-563-004980-200	SE-142	E1	1 778					
SE-19-563-011723-200	SE-409	M3	4 157					
SE-24-563-013400-200	SE-400	E1	15					

A	B	C	D	E	F	G	H	I
Permit ID code	Installation	Annex I activity ^(a)	Total annual emissions	Affected monitoring parameter ^(b)	Minimum tier according to MRG	Tier applied	Reason for lower tier ^(c)	Lower tier permitted until ^(d)
	Installation ID code	Annex I activity ^(a)	t CO ₂		Tier	Tier		Month/year
<p>The same installation can carry out activities falling under different subheadings. The main activity should be indicated. Please use the codes for Annex I activities listed</p> <p>Please use the following notation keys: activity data (AD), net calorific value (NCV), emission factor (EF), composition data (CD), oxidation factor (OF), conversion factor (CF).</p> <p>If several values in an installation are affected fill out one row per value.</p> <p>(c) Please use the following notation keys: technically not feasible, unreasonable high costs, other (please specify).</p>								

Table 4

Temporary change of monitoring method

Member State: Sweden
Reporting Period: 2009

A		B		C	D	E	F	G	H	I		J
Permit ID code	Installation ID code	Annex I activity (a)	Total annual emissions t CO ₂	Affected monitoring parameter (b)	Original method approved	Temporary method applied	Reason for temporary change (c)	Period of temporary suspension until restoration of appropriate tier method	Beginning	End	Month/year	Month/year
					Tier	Tier			Month/year	Month/year		
SE-24-563-013912-2004	SE-296	E1	25 140	AD	2b	24\$ alternative tie	CIF	04/2009	05/2009			
SE-24-563-009465-2004	SE-536	E1	2 262	AD	2a	2b	CIF	01/2009	02/2009			
SE-05-563-018714-2004	SE-420	M3	26 536	AD-OF	2	1	CIF	01/2009	12/2009			
SE-25-563-017737-2007	SE-497	F1	296 571	AD	3b	2a	Fire in fuel storage	01/2010	12/2012			
SE-14-563-052342-2004	SE-425	F2	492 838	AD	4a	3a	CIF	09/2009	09/2009			
SE-14-563-059243-2004	SE-445	E1	790	AD	4b	3b	CIF	01/2009	04/2009			

(a) The same installation can carry out activities falling under different subheadings. The main activity should be indicated. Please use the codes for Annex I activities listed in the table to question 3.
(b) Please use the following notation keys: activity data (AD), net calorific value (NCV), emission factor (EF), composition data (CD), oxidation factor (OF), conversion factor (CF).
If several values in an installation are affected, fill out one row per value.

(c) Please use the following notation keys: failure in measurement devices (FMD), temporary lack of data (TLD), changes in installation, fuel type, etc. (CIF), other (please specify).

Table 5
Number of installations applying continuous emission measurement

Member State: Sweden

Reporting Period: 2009

A	B	C	D
Main Annex I activity ^(a)	< 50 000 t CO ₂ e	50 000 to 500 000 t CO ₂ e	> 500 000 t CO ₂ e
E1	15		
E2			
E3			
F1			
F2			
M1			
M2			
M3			
O1			
O2			

^(a) Please refer to the table under question 3.3. for a description of the Annex I activity codes. If an installation carries out more than one activity, it should only be counted once under its main Annex I activity.

Table 6
Emissions reports under Article 14(3) of the ET Directive not validated as satisfactory

Member State: Sweden
Reporting Period: 2009

A		B		C		D		E		F		G	
Permit ID code	Installation ID code	Installation	Installation ID code	Emissions reported from installations	t CO ₂	Allowances surrendered	t CO ₂	Allowances blocked in operator holding account	t CO ₂	Reason for no positive verification statement ^(a)	Correction of verified emissions by competent authority	t CO ₂	

^(a) Please use the following notation keys: reported data is not free of inconsistencies and material misstatement (NFI), collection of data has not been carried out in accordance with the applicable scientific standards (NASS), relevant records of installation are not complete and/or consistent (RNC), verifier was not provided with access to all sites and information related to the subject of verification (VNA), no report was produced (NR), other (please specify).

Table 7

Installations for which no emission reports were provided by 31 March of the report:

Member State: Sweden

Reporting Period: 2009