# 5. Forms

This section presents the forms that are used by business operators when reporting to the government in regard to the Systems for Calculation, Reporting and Public Disclosure of Greenhouse Gas Emission. Table IV-5-1 shows the list of the forms.

Note that for the forms for the Act on Rationalizing Energy Use (regular reports), only the parts related to the Systems for Calculation, Reporting and Public Disclosure are presented. When reporting to the government, you will need to fill in and submit areas in addition to the parts shown below.

Table IV-5-1 Forms Related to the Calculation, Reporting, and Publication System

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Content | Underlying law | | Form no. | Document name | Target | Page listed |
| Emissions, etc. report | GW | \*1 | Form 1 | Reports for Carbon Dioxide Equivalent Greenhouse Gas Emissions | Specified business establishment emitter (Greenhouse gases other than energy-related CO2) | IV[-220](#page222) |
| EC | \*2 | Form 9 | Regular Reports | Specified business establishment emitter (Energy-related CO2) | IV[-231](#page233) |
| Form 11 | Confirmation Survey Results Report | (omitted) |
| \*3 | Form 4 | Regular Reports | Specified freight carrier | IV[-246](#page248) |
| Form 8 | Specified passenger carrier | IV[-249](#page251) |
| Form 12 | Specified air carrier | IV[-252](#page254) |
| \*2 | Form 20 | Specified shipper | IV[-255](#page257) |
| Request for protection of rights and interests | GW | \*1 | Form 1-2 | Invoice for Protection of Rights and Interests | All specified emitters | IV[-258](#page260) |
| Provision of related information | GW | \*1 | Form 2 | Information Related to Change in Carbon Dioxide Equivalent Greenhouse Gas Emissions or Other Information | All specified emitters | IV[-259](#page261) |
| Preliminary notification of electronic reporting system usage | GW | \*1 | Form 4 | Notification of Electronic Data Processing System Usage Publication | All specified emitters | IV[-261](#page263) |
| EC | \*2 | Form 23 | Notification of Electronic Data Processing System Usage Publication | Specified business establishment emitter | IV[-262](#page264) |
| \*3 | Form 14 | Specified freight carrier  Specified passenger carrier  Specified air carrier | (omitted) |
| Submission of reports on magnetic disc, etc. | GW | \*1 | Form 3 | Form for Submission of Magnetic Discs | Specified business establishment emitter (Greenhouse gases other than energy-related CO2) | IV[-263](#page265) |
| All specified emitters  (Of the specified emitters not shown above, those submitting Form 1-2 and Form 2 of the Global Warming Countermeasures Act forms) |
| EC | \*2 | Form 22 | Form for Submission of Optical Discs | Specified business establishment emitter (Energy-related CO2)  Specified shipper | (omitted) |
| \*3 | Form 13 | Form for Submission of Optical Discs | Specified freight carrier  Specified passenger carrier  Specified air carrier | (omitted) |

(Underlying law)

GW: Act on Promotion of Global Warming Countermeasures EC: Act on Rationalizing Energy Use

\*1: Orders related to reports such as carbon dioxide equivalent greenhouse gas emissions (FY2006 Cabinet Office / Ministry of Internal Affairs and Communications / Ministry of Justice / Ministry of Foreign Affairs / Ministry of Finance / Ministry of Education, Culture, Sports, Science and Technology / Ministry of Health, Labour and Welfare / Ministry of Agriculture, Forestry and Fisheries / Ministry of Economy, Trade and Industry / Ministry of Land, Infrastructure, Transport and Tourism / Ministry of the Environment Directive No. 2)

\*2: Enforcement Regulations of the Act on the Rational Use of Energy (FY1979 Ministry of International Trade and Industry Directive No. 74)

\*3: Directive on the submission, etc. by transportation business operators based on the regulations in the Act on the Rational Use of Energy (FY2006 Ministry of Land, Infrastructure, Transport and Tourism Directive No. 11)

Form 1 (related to Article 4)

Reports for Carbon Dioxide Equivalent Greenhouse Gas Emissions

Year Month Day

Minister Responsible for Business (Head of Local Branch Office)

(Reading)

Reporter Address Postal code

(Reading)

Name Seal

(Name of company and name of representative for corporations)

In accordance with the stipulations in Paragraphs 1 and 2 of Article 26 of the Act on Promotion of Global Warming Countermeasures (Act No. 117 of 1998. Hereafter, "GW Act"), I hereby report matters related to carbon dioxide equivalent greenhouse gas emissions as follows.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Specified emitter code | | | |  | |  | |  |  | | | |  | |  | |  | | |  | | |  | |
| Specified business operator number  (Specified chain business operator number) | | | |  | | | | | | | | | | | | | | | | | | | | |
| (Reading)  Name of specified emitter | | | |  | | | | | | | | | | | | | | | | | | | | |
| (Name in previous report) | | | |  | | | | | | | | | | | | | | | | | | | | |
| Address | | | | Postal code  Prefecture | | | | | | |  | | | | | | | Municipality | | | | | | |
| (Reading) | | | |  | | | | | | | | | | | | | | | | | | | | |
| Trade name, company name, etc. | | | |  | | | | | | | | | | | | | | | | | | | | |
| Main business of specified emitter | | |  | | | | | | | Business code | | | | | |  | | |  | |  | | |  |
| Minister in charge of specified emitter's main business | | | | | | |  | | | | | | | | | | | | | | | | | |
| Number of regular employees at the specified emitter | | | | | | |  | | | | | | | | | | | | | | | | | |
| Carbon dioxide equivalent greenhouse gas emissions and post-adjustment greenhouse gas emissions | | | | | | | | | | | | | | As per Table 1, Table 2, and the attachment | | | | | | | | | | |
| Is there a request for protection of rights and interests?  (Circle whichever applies) | | | | 1. Y  2. N | | | Is any other related information submitted?  (Circle whichever applies) | | | | | | | | | | | | | | | 1. Y  2. N | | |
| Person in charge  (inquiries) | | Department | |  | | | | | | | | | | | | | | | | | | | | |
| (Reading)  Name | |  | | | | | | | | | | | | | | | | | | | | |
| Phone number | |  | | | | | | | | | | | | | | | | | | | | |
| \*Date of receipt | (Year/month/day) | | | | \*Date of processing | | | | | | | (Year/month/day) | | | | | | | | | | | | |

Remarks 1 This report is to be prepared for each specified emitter.

2 List the name (name of representative in case of a corporation) and affix the seal. In addition, the person concerned (the representative in case of a corporation) can sign it.

3 The Specified emitter code field should show the number given to each specified emitter by the Minister of the Environment or the Minister of Economy, Trade and Industry.

4 List the number if one is given by the Minister of Economy, Trade and Industry separately in the field for the specified business operator number (specified chain business operator number).

5 List the name in the Name in previous report field only if the name has been changed from the previous report.

6 List the specific trade name, company name, or other names to the relevant chain business in the field for the trade name, company name, etc. if the specified emitter is a chain business operator.

7 List the business name in accordance with the sub-classifications of the Japan Standard Industrial Classification in the field for the main business of specified emitter, and list the main business for a specified emitter who carries out two or more businesses.

8 In the field for the number of regular employees at the specified emitter, list the number of people there as of April 1 the previous year (or the date of the start of business at the specified emitter if the specified emitter started business the previous year).

9 In the field for request for protection of rights and interests, circle "1. Y" if there is a request as per Paragraph 1, Article 27, of the GW Act in this report.

10 In the field for the submission of other related information, circle "1. Y" if there is a submission as per Paragraph 1, Article 32, of the GW Act in this report.

11 Do not fill in fields marked with \*.

12 The page size for the report and the attachments should be JIS A4 size.

[Per-Specified Emitter Report]

Fiscal year submitted: FY

Table 1 Carbon Dioxide Equivalent Greenhouse Gas Emissions Overall and per Business Category for Specified Emitters

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Business category | | | | | Carbon dioxide equivalent greenhouse gas emissions | | | | |
| ① Energy-origin CO2 | ② Non-energy-origin CO2  (Excluding ③) | ③ Non-energy-origin CO2 from the use of waste material fuels | ④ Methane | ⑤ N2O |
| ⑥ HFC | ⑦ PFC | ⑧ SF6 | ⑨ NF3 | ⑩ Energy-origin CO2  (Before allocation of power plant, etc.) |
| - | Specified emitter overall | | | | | ① | ② | ③ | ④ | ⑤ |
| t-CO2 | t-CO2 | t-CO2 | t-CO2 | t-CO2 |
| ⑥ | ⑦ | ⑧ | ⑨ | ⑩ |
| t-CO2 | t-CO2 | t-CO2 | t-CO2 | t-CO2 |
| 1 | Business name |  | | | | ① | ② | ③ | ④ | ⑤ |
| t-CO2 | t-CO2 | t-CO2 | t-CO2 | t-CO2 |
| Sub-classification number |  |  |  |  | ⑥ | ⑦ | ⑧ | ⑨ | ⑩ |
| Minister in charge of business |  | | | | t-CO2 | t-CO2 | t-CO2 | t-CO2 | t-CO2 |
| 2 | Business name |  | | | | ① | ② | ③ | ④ | ⑤ |
| t-CO2 | t-CO2 | t-CO2 | t-CO2 | t-CO2 |
| Sub-classification number |  |  |  |  | ⑥ | ⑦ | ⑧ | ⑨ | ⑩ |
| Minister in charge of business |  | | | | t-CO2 | t-CO2 | t-CO2 | t-CO2 | t-CO2 |
| 3 | Business name |  | | | | ① | ② | ③ | ④ | ⑤ |
| t-CO2 | t-CO2 | t-CO2 | t-CO2 | t-CO2 |
| Sub-classification number |  |  |  |  | ⑥ | ⑦ | ⑧ | ⑨ | ⑩ |
| Minister in charge of business |  | | | | t-CO2 | t-CO2 | t-CO2 | t-CO2 | t-CO2 |

Remarks 1 List the relevant fiscal year in the Fiscal year submitted field.

2 For item no.s 1 through 3, list the carbon dioxide equivalent greenhouse gas emissions totaled over all business categories. Business categories must be as per the Japan Standard Industrial Classification (sub-classification). In addition, add items if there are more than four business categories.

3 List the following amounts in fields ① through ⑩.

① Carbon dioxide equivalent greenhouse gas emissions from carbon dioxide generated from the use of energy

② Carbon dioxide equivalent greenhouse gas emissions from carbon dioxide (excluding ① and ③)

③ Carbon dioxide equivalent greenhouse gas emissions from carbon dioxide as a result of utilizing waste as a raw material or fuel

④ Carbon dioxide equivalent greenhouse gas emissions from methane

⑤ Carbon dioxide equivalent greenhouse gas emissions from nitrogen monoxide

⑥ Carbon dioxide equivalent greenhouse gas emissions from hydrofluorocarbons

⑦ Carbon dioxide equivalent greenhouse gas emissions from perfluorocarbons

⑧ Carbon dioxide equivalent greenhouse gas emissions from sulfur hexafluoride

⑨ Carbon dioxide equivalent greenhouse gas emissions from nitrogen trifluoride

⑩ Carbon dioxide equivalent greenhouse gas emissions from carbon dioxide generated through the use of energy (before allocation of power plant, etc.)

4 In the field ①, list the total amount of the following (excluding that related to the supply of electricity or heat to third parties).

(1) Carbon dioxide emissions generated from the use of fuel

(2) Carbon dioxide emissions generated from the use of electricity

(3) Carbon dioxide emissions generated from the use of heat

5 If the amount in ① includes amount in 4-(2) of the Remarks, then the necessary items should be filled in in Table 3-1 and Table 3-2 in addition to this table.

6 The field for ③ should list the total amount of carbon dioxide emissions generated from the following activities.

(1) Incineration of waste materials (limited to when said waste materials are supplied for incineration in place of fuel (excluding fuel using waste materials for ingredients))

A Using the steel in waste tire rubber as a product material

B Using waste plastic to reduce iron ore in the blast furnace

C Using waste plastic to produce coke or hydrocarbon oil for self-use in a coke furnace

(2) Use of fuel using waste material as an ingredient

7 In the fields ⑥ and ⑦, list the total amounts for each for the carbon dioxide equivalent greenhouse gas emissions for perfluorocarbon materials and the carbon dioxide equivalent greenhouse gas emissions for hydrofluorocarbon materials that are regulated as greenhouse gases in the Act on Promotion of Global Warming Countermeasures (Act No. 143 of 1999).

8 Fill in the field ⑩ if the specified emitter in this report has power plants supplying electricity for electricity businesses or heat supply facilities for providing heat for heat supply businesses.

9 In the field ⑩, list the amount given in 4-(1) of the Remarks.

10 If it is assumed that a report has been given by the specified emitter in this report on the carbon dioxide emissions generated from the use of energy through the report based on the Act on the Rational Use of Energy (Act No. 49 of 1979), then there is no need to fill in either fields ① or ⑩ in this table.

Table 2 Post-adjustment Greenhouse Gas Emissions for Specified Emitter

|  |  |
| --- | --- |
| Post-adjustment greenhouse gas emissions | t-CO2 |

Remarks In the field for post-adjustment greenhouse gas emissions, list the amount calculated based on the regulations set by the Minister of the Environment and the Minister of Economy, Trade and Industry.

Table 3-1 Coefficients Used in Carbon Dioxide Equivalent Greenhouse Gas Emissions from the Use of Electricity Supplied from Third Parties out of the Carbon Dioxide Generated Through the Use of Energy

|  |  |  |
| --- | --- | --- |
| Coefficient value | Coefficient basis | Application scope |
| t-CO2/kWh |  |  |
| t-CO2/kWh |  |  |
| t-CO2/kWh |  |  |
| t-CO2/kWh |  |  |
| t-CO2/kWh |  |  |
| t-CO2/kWh |  |  |
| t-CO2/kWh |  |  |
| t-CO2/kWh |  |  |

Remarks Each field in this table should be filled in with the basis and value of the relevant coefficients for the coefficients used in calculating the carbon dioxide emissions from the use of electricity supplied by third parties in the calculation of the carbon dioxide equivalent greenhouse gas emissions.

Table 3-2 Coefficients Used in Calculating the Carbon Dioxide Emissions from the Use of Electricity Supplied from Third Parties out of the Post-adjustment Greenhouse Gas Emissions

|  |  |  |
| --- | --- | --- |
| Coefficient value | Coefficient basis | Application scope |
| t-CO2/kWh |  |  |
| t-CO2/kWh |  |  |
| t-CO2/kWh |  |  |
| t-CO2/kWh |  |  |
| t-CO2/kWh |  |  |
| t-CO2/kWh |  |  |
| t-CO2/kWh |  |  |
| t-CO2/kWh |  |  |

Remarks Each field in this table should be filled in with the basis and value of the relevant coefficients for the coefficients used in calculating the carbon dioxide emissions from the use of electricity supplied by third parties in the calculation of the post-adjustment greenhouse gas emissions.

Table 4 Different Calculation Methods or Coefficients to the Calculation Methods or Coefficients Regulated by Directives Based on the Law

|  |  |
| --- | --- |
| Category of materials that are greenhouse gases | Relevant calculation method or coefficient content |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

Remarks 1 List the categories of materials that are greenhouse gases that used the relevant calculation methods or coefficients if calculation methods or coefficients different to the calculation methods or coefficients stipulated in the directives based on the GW Law in the fields in this table, and explain the details of these calculation methods or coefficients.

2 List the coefficients used in the calculation of carbon dioxide emissions generated by the use of electricity supplied by third parties in Table 3-1 and Table 3-2.

Table 5-1 Amount of Domestic Certified Emission Reduction and Overseas Certified Emission Reduction Used the Calculation of Post-adjustment Greenhouse Gas Emissions

|  |  |
| --- | --- |
| Type | Total amount |
| 1. | t-CO2 |
| 2. | t-CO2 |
| 3. | t-CO2 |
| 4. | t-CO2 |
|  |  |

Remarks In each field in this table, list the total amount for each type of domestic certified emission reduction specified by the Minister of the Environment and the Minister of Economy, Trade and Industry as well as the total amount for each type of overseas certified emission reduction specified by the Minister of the Environment and the Minister of Economy, Trade and Industry. In addition, list the data related to the domestic certified emission reduction listed in this field in Table 5-2 and the data related to the overseas certified emission reduction listed in this field in Table 5-3.

Table 5-2 Data Related to Domestic Certified Emission Reduction

|  |  |  |
| --- | --- | --- |
| Type of reduction |  |  |
| Credit specified numbers, etc. | Date of invalidation or transfer | Amount invalidated or transferred |
| ~ |  | t-CO2 |
| ~ |  | t-CO2 |
| ~ |  | t-CO2 |
| ~ |  | t-CO2 |
| Total amount | | t-CO2 |

Remarks 1 In this table, list by type of domestic certified emission reduction

2 If there are two or more types of domestic certified emission reduction used in the calculation, add more tables.

3 List the date of invalidation or transfer for the domestic certified emission reduction.

4 In the field for credit specified number, etc., list the numbers specified for the invalidated or transferred domestic certified emission reduction, linking the starting number of the credit block unit with the final number using a tilde (~).

5 List the date the emissions adjustment was invalidated or the transfer date listed in the register in the field for date of invalidation or transfer.

6 List a positive value for the invalidated amount and a negative value for the transferred amount.

7 Attach materials confirming that the specified emitter has invalidated or transferred all the domestic certified emission reductions listed in this table.

Table 5-3 Data Related to Overseas Certified Emission Reduction

|  |  |  |
| --- | --- | --- |
| Type of reduction |  |  |
| Identification number | Date of invalidation | Amount invalidated |
|  |  | t-CO2 |
|  |  | t-CO2 |
|  |  | t-CO2 |
|  |  | t-CO2 |
| Total amount | | t-CO2 |

Remarks 1 In this table, list by type of overseas certified emission reduction.

2 If there are two or more types of overseas certified emission reduction used in the calculation, add more tables.

3 In the Identification number field, list everything that identifies the invalidated overseas certified emission reduction (symbols, numbers, or letters indicating the system symbol, host country code, credit issuing country code, credit block unit starting number, credit block unit final number, project number, credit issue count, credit issue year, or emission reduction year).

4 In the Date of invalidation field, list the date that the emissions adjustment invalidation was carried out.

5 Attach materials confirming that the specified emitter has invalidated all the overseas certified emission reductions listed in this table.

Table 6 List of Specific Business Establishments Established by the Specified Emitter

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Business establishment number | No. of Designated Energy Management Factory, etc. (specification category) | Business establishment name | Business establishment address | Business carried out at business establishment | | | | |
| Business code | | | | Business name |
| 1 | (type) |  | Postal code |  |  |  |  |  |
| 2 | (type) |  | Postal code |  |  |  |  |  |
| 3 | (type) |  | Postal code |  |  |  |  |  |
| 4 | (type) |  | Postal code |  |  |  |  |  |
| 5 | (type) |  | Postal code |  |  |  |  |  |
| 6 | (type) |  | Postal code |  |  |  |  |  |
| 7 | (type) |  | Postal code |  |  |  |  |  |
| 8 | (type) |  | Postal code |  |  |  |  |  |
| 9 | (type) |  | Postal code |  |  |  |  |  |
| 10 | (type) |  | Postal code |  |  |  |  |  |

Remarks 1 List the necessary items regarding all specified business establishments established by the specified emitter.

2 Fill in the No. of Designated Energy Management Factory, etc. field if a specification has been separately received from the Minister of Economy, Trade and Industry.

3 List the business code and name in accordance with the sub-classifications of the Japan Standard Industrial Classification in the Business carried out at business establishment field, and list the main business for a specified emitter who carries out two or more businesses.

4 Separate reports should be attached for the specified business establishments listed in this table showing the carbon dioxide equivalent greenhouse gas emissions, etc. for each of the business establishments.

(Attachment) [Per-Specified Business Establishment Report]

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | | | Business establishment number | | | | | | | | | | |  | | | | |
| (Reading)  Business site name | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Name in previous report) | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address | | Postal code | | | | | - | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | Pref  ecture | | | | | | | | | | | | | Munici  pality | | | | | | |
| (Reading) | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
| Business carried out at business establishment | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
| Specified emitter code | |  |  | |  |  | | |  | |  | | |  | |  | |  | |  | | \* | | | | | |
|  | |
| Prefectural code | |  |  | | Business code | | | | | | | | | | | | | | | | |  | |  | |  |  |
| No. of Designated Energy Management Factory, etc. as per the Act on the Rational Use of Energy | | | | | | | |  | |  | | |  | |  | |  | |  | | |  | |  | |  |  |
| Carbon dioxide equivalent greenhouse gas emissions | | As per Table 1 in the Attachment | | | | | | | | | | | | | | | | | | | | | | | | | |
| Is there a request for protection of rights and interests?  (Circle whichever applies) | | 1. Y  2. N | | Is any other related information submitted?  (Circle whichever applies) | | | | | | | | | | | | | | | | | | | | | 1. Y  2. N | | |
| Person in charge  (inquiries) | Department |  | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Reading)  Name |  | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone number |  | | | | | | | | | | | | | | | | | | | | | | | | | |

Remarks 1 This attachment is to be prepared for each of the business establishments listed in Table 6.

2 In the Business establishment number field, list the business establishment numbers in Table 6 on each page of this attachment.

3 List the name in the Name in previous report field only if the name has been changed from the previous report.

4 List the business code and name in accordance with the sub-classifications of the Japan Standard Industrial Classification in the Business carried out at business establishment field, and list the main business for a specified emitter who carries out two or more businesses.

5 The Specified emitter code, Prefectural code, and Business code fields should show the numbers given to each specified emitter, prefecture, and business by the Minister of the Environment or the Minister of Economy, Trade and Industry.

6 In the field for request for protection of rights and interests, circle "1. Y" if there is a request as per Paragraph 1, Article 27, of the GW Act.

7 In the field for the submission of other related information, circle "1. Y" if there is a submission as per Paragraph 1, Article 32, of the GW Act.

|  |  |
| --- | --- |
| Business establishment number |  |

Attachment Table 1 Greenhouse Gas Equivalent Emissions for Specified Business Sites

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Greenhouse gas equivalent emissions | | | | |
| ① Energy-origin CO2 | ② Non-energy-origin CO2 (Excluding ③) | ③ Non-energy-origin CO2 from the use of waste material fuels | ④ Methane | ⑤ N2O |
| t-CO2 | t-CO2 | t-CO2 | t-CO2 | t-CO2 |
| ⑥ HFC | ⑦ PFC | ⑧ SF6 | ⑨ NF3 | ⑩ Energy-origin CO2  (Before allocation of power plant, etc.) |
| t-CO2 | t-CO2 | t-CO2 | t-CO2 | t-CO2 |

Remarks 1 List the following amounts in fields ① through ⑩.

① Carbon dioxide equivalent greenhouse gas emissions from carbon dioxide generated from the use of energy

② Carbon dioxide equivalent greenhouse gas emissions from carbon dioxide (excluding ① and ③)

③ Carbon dioxide equivalent greenhouse gas emissions from carbon dioxide as a result of utilizing waste as a raw material or fuel

④ Carbon dioxide equivalent greenhouse gas emissions from methane

⑤ Carbon dioxide equivalent greenhouse gas emissions from nitrogen monoxide

⑥ Carbon dioxide equivalent greenhouse gas emissions from hydrofluorocarbons

⑦ Carbon dioxide equivalent greenhouse gas emissions from perfluorocarbons

⑧ Carbon dioxide equivalent greenhouse gas emissions from sulfur hexafluoride

⑨ Carbon dioxide equivalent greenhouse gas emissions from nitrogen trifluoride

⑩ Carbon dioxide equivalent greenhouse gas emissions from carbon dioxide generated through the use of energy (before allocation of power plant, etc.)

2 In the field for ①, list the total amount of the following (excluding that related to the supply of electricity or heat to third parties).

(1) Carbon dioxide emissions generated from the use of fuel

(2) Carbon dioxide emissions generated from the use of electricity

(3) Carbon dioxide emissions generated from the use of heat

3 If the amount in ① includes amount in 2-(2) of the Remarks, then the necessary items should be filled in in Attachment Table 2 in addition to this table.

4 The field for ③ should list the total amount of carbon dioxide emissions generated from the following activities.

(1) Incineration of waste materials (limited to when said waste materials are supplied for incineration in place of fuel (excluding fuel using waste materials for ingredients))

A Using the steel in waste tire rubber as a product material

B Using waste plastic to reduce iron ore in the blast furnace

C Using waste plastic to produce coke or hydrocarbon oil for self-use in a coke furnace

(2) Use of fuel using waste material as an ingredient

5 In fields ⑥ and ⑦, list the total amounts for each for the carbon dioxide equivalent greenhouse gas emissions for perfluorocarbon materials and the carbon dioxide equivalent greenhouse gas emissions for hydrofluorocarbon materials that are regulated as greenhouse gases in the Act on Promotion of Global Warming Countermeasures.

6 Fill in the field ⑩ if the specified business establishment in this attachment has power plants supplying electricity for the electricity businesses carried out as the main business or heat supply facilities for providing heat for the heat supply businesses carried out as the main business

7 In the field ⑩, list the amount given in 2-(1) of the Remarks.

8 If it is assumed that a report has been given by the specified business establishment in this report on the carbon dioxide emissions generated from the use of energy through the report based on the Act on the Rational Use of Energy, then there is no need to fill in either fields ① or ⑩ in this report.

|  |  |
| --- | --- |
| Business establishment number |  |

Attachment Table 2 Coefficients Used in Calculating the Carbon Dioxide Equivalent Greenhouse Gas Emissions from the Use of Electricity Supplied from Third Parties out of the Carbon Dioxide Generated Through the Use of Energy

|  |  |
| --- | --- |
| Coefficient value | Coefficient basis |
| t-CO2/kWh |  |

Remarks Each field in this table should be filled in with the basis and value of the relevant coefficients for the coefficients used in calculating the carbon dioxide emissions from the use of electricity supplied by third parties in the calculation of the carbon dioxide equivalent greenhouse gas emissions.

Attachment Table 3 Different Calculation Methods or Coefficients to the Calculation Methods or Coefficients Regulated by Directives Based on the Law

|  |  |
| --- | --- |
| Category of materials that are greenhouse gases | Relevant calculation method or coefficient content |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

Remarks 1 List the categories of materials that are greenhouse gases that used the relevant calculation methods or coefficients if calculation methods or coefficients different to the calculation methods or coefficients stipulated in the directives based on the GW Law in the fields in this table, and explain the details of these calculation methods or coefficients.

2 List the coefficients used in the calculation of carbon dioxide equivalent greenhouse gas emissions generated by the use of electricity supplied by third parties in Attachment Table 2.

Form 9 (related to Article 17)

|  |  |
| --- | --- |
| \*Date of receipt |  |
| \*Date of processing |  |

Regular Reports

Sir:

Year Month Day

Address

Corporation name

Corporation number

Post of representative

Name of representative Seal

We hereby report as follows in accordance with the regulations in Paragraph 1, Article 15, of the Act on Rationalizing Energy Use (including cases where Paragraph 1, Article 19-2 of the same law applies).

Per-Business Operator Report

Specific-Table 1 Names, Etc. of Business Operators

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Specified business operator number or specified chain business operator number |  | | | | | | | |
| Specified emitter number |  |  |  |  |  |  |  |  |
| Business operator name |  | | | | | | | |
| Location of main business site | Postal code | | | | | | | |
| Main business |  | | | | | | | |
| Sub-classification number |  |  |  |  |  | | | |
| Rank and name of Energy Management Control Officer | Rank  Name | | | | | | | |
| Rank, name, workplace, and contact for Energy Management Planning Promoter | Rank  Name  Qualified Energy Manager license number or course completion number  Workplace Postal code  Phone ( - - )  Fax ( - - )  Email address | | | | | | | |
| Are there any changes in the name or workplace of the business operator since the last report? Y / N  If Y:  Name of business operator before change :  Address of business operator before change : | | | | | | | | |

Specific-Table 2 Amount of Energy Used by Business Operator and Amount of Byproduct Energy Sold

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Type of energy | | | | | Unit | FY | | | |
| Amount used | | Amount of byproduct energy sold | |
| Value | Calories (GJ) | Value | Calories (GJ) |
| Fuel or heat | Crude oil (not including condensate) | | | | kl |  |  |  |  |
| Condensate part of crude oil (NGL) | | | | kl |  |  |  |  |
| Volatile oil | | | | kl |  |  |  |  |
| Naphtha | | | | kl |  |  |  |  |
| Kerosene | | | | kl |  |  |  |  |
| Light oil | | | | kl |  |  |  |  |
| Heavy oil A | | | | kl |  |  |  |  |
| Heavy oil B, C | | | | kl |  |  |  |  |
| Petroleum asphalt | | | | t |  |  |  |  |
| Petroleum coke | | | | t |  |  |  |  |
| Petroleum gas | | | Liquefied petroleum gas  (LPG) | t |  |  |  |  |
| Petroleum hydrocarbon gas | 1,000 m3 |  |  |  |  |
| Flammable natural gas | | | Liquefied natural gas  (LNG) | t |  |  |  |  |
| Other flammable natural gases | 1,000 m3 |  |  |  |  |
| Coal | | | Coking coal | t |  |  |  |  |
| Steam coal | t |  |  |  |  |
| Anthracite coal | t |  |  |  |  |
| Coal coke | | | | t |  |  |  |  |
| Coal tar | | | | t |  |  |  |  |
| Coke oven gas | | | | 1,000 m3 |  |  |  |  |
| Blast furnace gas | | | | 1,000 m3 |  |  |  |  |
| Converter gas | | | | 1,000 m3 |  |  |  |  |
| Other fuels | | | City gas | 1,000 m3 |  |  |  |  |
| ( ) |  |  |  |  |  |
| Industrial steam | | | | GJ |  |  |  |  |
| Steam other than industrial | | | | GJ |  |  |  |  |
| Hot water | | | | GJ |  |  |  |  |
| Cold water | | | | GJ |  |  |  |  |
| Subtotal | | | | GJ |  |  |  |  |
| Electricity | Electrical utilities |  | Daytime purchased electricity | | 1,000 kWh |  |  |  |  |
|  | Standardized electrical demand time periods for summer and winter | | 1,000 kWh | ( ) | ( ) |  |  |
| Nighttime purchased electricity | | | 1,000 kWh |  |  |  |  |
| Other | Other purchased electricity | | | 1,000 kWh |  |  |  |  |
| Generated in-house | | | 1,000 kWh |  |  |  |  |
| Subtotal | | | | 1,000 kWh |  |  |  |  |
| Total (GJ) | | | | | |  |  |  |  |
| Crude oil equivalent (kl) | | | | | |  | Ⓢ |  | Ⓣ |
| Over the previous year (%) | | | | | |  |  |  |  |

Remarks As the Standardized electrical demand time periods for summer and winter are included in the daytime purchased electricity, they are shown in the parentheses. Do not double-add to the Electricity subtotal.

Specific-Table 10 List of Designated Energy Management Factories, Etc. Among Factories, Etc. Established by the Business Operator

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Current specified category  (If there is a change in the specified category, insert a ✓ into the 🞏.) | No. of designated energy management factory, etc. | Name of factory, etc. | Address of factory, etc. | Sub-classification number in the Japan Standard Industrial Classification | | | Name of business connected with the factory, etc. |
| Type  (Specified category change procedures required: 🞏 ) |  |  | Postal code |  |  |  |  |
| Type  (Specified category change procedures required: 🞏 ) |  |  | Postal code |  |  |  |  |
| Type  (Specified category change procedures required: 🞏 ) |  |  | Postal code |  |  |  |  |
| Type  (Specified category change procedures required: 🞏 ) |  |  | Postal code |  |  |  |  |
| Type  (Specified category change procedures required: 🞏 ) |  |  | Postal code |  |  |  |  |
| Type  (Specified category change procedures required: 🞏 ) |  |  | Postal code |  |  |  |  |
| Type  (Specified category change procedures required: 🞏 ) |  |  | Postal code |  |  |  |  |
| Type  (Specified category change procedures required: 🞏 ) |  |  | Postal code |  |  |  |  |
| Type  (Specified category change procedures required: 🞏 ) |  |  | Postal code |  |  |  |  |
| Type  (Specified category change procedures required: 🞏 ) |  |  | Postal code |  |  |  |  |

Specific-Table 11 List of Factories, Etc. That are not Currently Specified as Designated Energy Management Factories, Etc. and Their Energy Usage is Above the Values Specified in Article 6 of the Directive

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name of factory, etc. | Address of factory, etc. | Sub-classification number in the Japan Standard Industry Classification | | | | Name of business connected with the factory, etc. | Amount of energy used  (Crude oil equivalent kl) |
|  | Postal code |  |  |  |  |  |  |
|  | Postal code |  |  |  |  |  |  |
|  | Postal code |  |  |  |  |  |  |
|  | Postal code |  |  |  |  |  |  |
|  | Postal code |  |  |  |  |  |  |
|  | Postal code |  |  |  |  |  |  |
|  | Postal code |  |  |  |  |  |  |
|  | Postal code |  |  |  |  |  |  |
|  | Postal code |  |  |  |  |  |  |
|  | Postal code |  |  |  |  |  |  |

Remarks 1 The matters specified in Specified Tables 1 to 10 factories, etc. listed in this table should be reported individually for each factory, etc.

2 When reporting Remark 1, treat the Designated Energy Management Factories, etc. in Specified Tables 1 to 10 as "Factories, etc. that are not currently specified as Designated Energy Management Factories, etc. and their energy usage is above the values specified in Article 6 of the Directive."

3 When reporting Remark 1, do not fill in the fields for "No. of Designated Energy Management Factory, etc." and "Rank, name and contact, etc. for Energy Manager" in Specified Table 1.

Specific-Table 12 Carbon Dioxide Equivalent Greenhouse Gas Emissions Generated from the Use of Energy for Each Type of Business and the Business Operator Overall

Fiscal year submitted: FY

1 Carbon dioxide equivalent greenhouse gas emissions generated from the use of energy

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Business category | | | | | | | | | | Carbon dioxide generated from the use of energy |
| Specified business operator overall | | Main business | | |  | | | | | | t-CO2 |
| Sub-classification number | | |  |  | |  | |  |
| Minister in charge of business | | |  | | | | | |
| Trade name, company name, etc. | | |  | | | | | |
| 1 | Name of business related to factory, etc. | |  | | | | | | | | t-CO2 |
| Sub-classification number | |  |  | | |  | |  | |
| Minister responsible for this business | |  | | | | | | | |
| 2 | Name of business related to factory, etc. | |  | | | | | | | | t-CO2 |
| Sub-classification number | |  |  | | |  | |  | |
| Minister responsible for this business | |  | | | | | | | |
| 3 | Name of business related to factory, etc. | |  | | | | | | | | t-CO2 |
| Sub-classification number | |  |  | | |  | |  | |
| Minister responsible for this business | |  | | | | | | | |

Remarks 1 List the relevant fiscal year in the Fiscal year submitted field.

2 For items 1 through 3, list the carbon dioxide equivalent greenhouse gas emissions totaled over all business categories. Business categories must be as per the Japan Standard Industrial Classification (sub-classification). In addition, add items if there are more than four business categories.

3 Calculation of the carbon dioxide equivalent greenhouse gas emissions generated from the use of energy is to be based on the regulations in directives based on the Act on Promotion of Global Warming Countermeasures.

4 In the field for carbon dioxide equivalent greenhouse gas emissions generated from the use of energy, list the total amount of the following (excluding those related to the supply of electricity or heat to third parties).

(1) Carbon dioxide emissions generated from the use of fuel

(2) Carbon dioxide emissions generated from the use of electricity supplied from third parties

(3) Carbon dioxide emissions generated from the use of heat supplied from third parties

5 In the field for carbon dioxide equivalent greenhouse gas emissions generated from the use of energy, list the required matters in Specific-Table 12 4-1 and 4-2 in addition to this table if the amounts shown in Remarks 4 (2) are included.

6 List the required matters in Specific-Table 12-2 in addition to this table if the specified emitter has installed power plants supplying electricity facilities or heat supply facilities supplying heat supply businesses.

7 List the specific trade name, company name, or other names to the relevant chain business operator in the field for the trade name, company name, etc. if the specified chain business operator.

2 Carbon dioxide equivalent greenhouse gas emissions generated from the use of fuel related to specified emitters establishing power plants supplying electricity facilities or heat supply facilities supplying heat supply businesses

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Business category | | | | | | | | | | Carbon dioxide generated from the use of energy |
| Specified business operator overall | | Main business | | |  | | | | | | t-CO2 |
| Sub-classification number | | |  |  | |  | |  |
| Minister in charge of business | | |  | | | | | |
| 1 | Name of business related to factory, etc. | |  | | | | | | | | t-CO2 |
| Sub-classification number | |  |  | | |  | |  | |
| Minister responsible for this business | |  | | | | | | | |
| 2 | Name of business related to factory, etc. | |  | | | | | | | | t-CO2 |
| Sub-classification number | |  |  | | |  | |  | |
| Minister responsible for this business | |  | | | | | | | |
| 3 | Name of business related to factory, etc. | |  | | | | | | | | t-CO2 |
| Sub-classification number | |  |  | | |  | |  | |
| Minister responsible for this business | |  | | | | | | | |

Remarks 1 For items 1 through 3, list the emissions totaled over all business categories. Business categories must be as per the Japan Standard Industrial Classification (sub-classification). In addition, add items if there are more than four business categories.

2 In the field for carbon dioxide equivalent greenhouse gas emissions generated from the use of energy, list the amount shown in Remarks 4 (1) of Specific-Table 12-1.

3 Calculation of the carbon dioxide equivalent greenhouse gas emissions generated from the use of energy is to be based on the regulations in directives based on the Act on Promotion of Global Warming Countermeasures.

3 Post-adjustment greenhouse gas emissions for business operators

|  |  |
| --- | --- |
| Post-adjustment greenhouse gas emissions | t-CO2 |

Remarks In the field for post-adjustment greenhouse gas emissions, list the amount calculated based on the regulations set by the Minister of the Environment and the Minister of Economy, Trade and Industry.

4-1 Coefficients used in calculating the carbon dioxide greenhouse gas equivalent emissions from the use of electricity supplied from third parties out of the carbon dioxide generated through the use of energy

|  |  |  |
| --- | --- | --- |
| Coefficient value | Coefficient basis | Coefficient scope |
| t-CO2/kWh |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Remarks Each field in this table should be filled in with the basis and value of the relevant coefficients for the coefficients used in calculating the carbon dioxide emissions from the use of electricity supplied by third parties in the calculation of the carbon dioxide generated from the use of energy.

4-2 Coefficients used in calculating the post-adjustment greenhouse gas emissions for carbon dioxide from the use of electricity supplied from third parties out of the post-adjustment greenhouse gas emissions

|  |  |  |
| --- | --- | --- |
| Coefficient value | Coefficient basis | Coefficient scope |
| t-CO2/kWh |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Remarks Each field in this table should be filled in with the basis and value of the relevant coefficients for the coefficients used in calculating the carbon dioxide emissions from the use of electricity supplied by third parties in the calculation of the post-adjustment greenhouse gas emissions.

5 Details of calculation methods or coefficients different to the calculation methods or coefficients specified by the directives based on the Act on Promotion of Global Warming Countermeasures

|  |
| --- |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |

Remarks 1 In the fields of this table, explain the details of the calculation methods or coefficients if calculation methods or coefficients different to the calculation methods or coefficients specified by the directives based on the Act on Promotion of Global Warming Countermeasures are used.

2 List the coefficients used in the calculation of carbon dioxide emissions generated by the use of electricity supplied by third parties in Specific-Table 12 4-1 and 4-2.

6-1 Amount of domestic certified emission reduction and overseas certified emission reduction used the calculation of post-adjustment greenhouse gas emissions

|  |  |
| --- | --- |
| Type | Total amount |
| 1. | t-CO2 |
| 2. | t-CO2 |
| 3. | t-CO2 |
| 4. | t-CO2 |
|  |  |

Remarks In each field in this table, list the total amount for each type of domestic certified emission reduction specified by the Minister of the Environment and the Minister of Economy, Trade and Industry as well as the total amount for each type of overseas certified emission reduction specified by the Minister of the Environment and the Minister of Economy, Trade and Industry. In addition, list the data related to the domestic certified emission reduction listed in this field in Specific-Table 12 6-2 and the data related to the overseas certified emission reduction listed in this field in Specific-Table 12 6-3.

6-2 Data related to domestic certified emission reduction

|  |  |  |
| --- | --- | --- |
| Type of reduction |  | |
| Credit specified number, etc. | Date of invalidation or transfer | Amount invalidated or transferred |
| ~ |  | t-CO2 |
| ~ |  | t-CO2 |
| ~ |  | t-CO2 |
| ~ |  | t-CO2 |
| Total amount | | t-CO2 |

Remarks 1 In this table, list by type of domestic certified emission reduction.

2 If there are two or more types of domestic certified emission reduction used in the calculation, add more tables.

3 List the domestic certified emission reduction by date of invalidation or transfer.

4 In the field for credit specified number, etc., list the numbers specified for the invalidated or transferred domestic certified emission reduction, linking the starting number of the credit block unit with the final number using a tilde (~).

5 List the date the emissions adjustment was invalidated or the transfer date listed in the register in the field for date of invalidation or transfer.

6 List a positive value for the invalidated amount and a negative value for the transferred amount.

7 Attach materials confirming that the specified emitter has invalidated or transferred all the domestic certified emission reductions listed in this table.

6-3 Data related to overseas certified emission reduction

|  |  |  |
| --- | --- | --- |
| Type of reduction |  | |
| Identification number | Date of invalidation | Amount invalidated |
|  |  | t-CO2 |
|  |  | t-CO2 |
|  |  | t-CO2 |
|  |  | t-CO2 |
| Total amount | | t-CO2 |

Remarks 1 In this table, list by type of overseas certified emission reduction.

2 If there are two or more types of overseas certified emission reduction used in the calculation, add more tables.

3 In the Identification number field, list everything that identifies the invalidated overseas certified emission reduction (symbols, numbers, or letters indicating the system symbol, host country code, credit issuing country code, credit block unit starting number, credit block unit final number, project number, credit issue count, credit issue year, or emission reduction year).

4 In the Date of invalidation field, list the date that the emissions adjustment invalidation was carried out.

5 Attach materials confirming that the specified emitter has invalidated all the overseas certified emission reductions listed in this table.

7 Provision of information or requests related to ensuring the protection of rights and interests

|  |  |  |  |
| --- | --- | --- | --- |
| Is there a request for protection of rights and interests?  (Circle whichever applies) | 1. Y  2. N | Is any other related information submitted?  (Circle whichever applies) | 1. Y  2. N |

Remarks 1 Circle "1. Y" in the left field if there is a request as per Paragraph 1, Article 27 of the Act on Promotion of Global Warming Countermeasures.

2 Circle "1. Y" in the right field if information is provided as per Paragraph 1, Article 32 of the Act.

3 If "1. Y" in this table applies, attach to this report the documents specified by the directives based on Act on Promotion of Global Warming Countermeasures.

Per-Designated Energy Management Factory, Etc. Report

Specified Table 1 Names of Designated Energy Management Factories, Etc.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No. of Designated Energy Management Factory, etc. |  | | | | |
| Name of Designated Energy Management Factory, etc. |  | | | | |
| Location of Designated Energy Management Factory, etc. | Postal code | | | | |
| Main business |  | | | | |
| Sub-classification number |  |  |  |  |  |
| Rank, name and contact, etc. for Energy Manager | Rank  Name  Qualified Energy Manager license number or course completion number  Phone ( - - )  Fax ( - - )  Email address | | | | |

*[Specified Table 2 to Specified Table 9 are omitted]*

Specified Table 10 Carbon Dioxide Equivalent Greenhouse Gas Emissions Generated from the Use of Energy at Designated Energy Management Factories, Etc.

1 Carbon dioxide equivalent greenhouse gas emissions generated from the use of energy

|  |  |
| --- | --- |
| Carbon dioxide generated from the use of energy | t-CO2 |

Remarks 1 In the field for carbon dioxide equivalent greenhouse gas emissions generated from the use of energy, list the total amount of the following (excluding those related to the supply of electricity or heat to third parties).

(1) Carbon dioxide emissions generated from the use of fuel

(2) Carbon dioxide emissions generated from the use of electricity supplied from third parties

(3) Carbon dioxide emissions generated from the use of heat supplied from third parties

2 In the field for carbon dioxide equivalent greenhouse gas emissions generated from the use of energy, list the required matters in Specified Table 10-3 in addition to this table if the amounts shown in Remarks 1 (2) are included.

2 Carbon dioxide equivalent greenhouse gas emissions generated from the use of fuel in factories, etc. with power plants supplying electricity facilities or heat supply facilities supplying heat supply businesses

|  |  |
| --- | --- |
| Carbon dioxide generated from the use of energy | t-CO2 |

Remarks If the factories, etc. related to this report have power plants supplying electricity facilities or heat supply facilities supplying heat supply businesses as their main business, then enter the amount of carbon dioxide equivalent greenhouse gas emissions generated from the use of energy detailed in Remarks 1 (1) of Table 10-1 in the appropriate field.

3 Coefficients used in calculating the carbon dioxide greenhouse gas equivalent emissions from the use of electricity supplied from third parties out of the carbon dioxide generated through the use of energy

|  |  |  |
| --- | --- | --- |
| Coefficient value | Coefficient basis | Coefficient scope |
| t-CO2/kWh |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Remarks Each field in this table should be filled in with the basis and value of the relevant coefficients for the coefficients used in calculating the carbon dioxide emissions from the use of electricity supplied by third parties in the calculation of the carbon dioxide generated from the use of energy.

4 Content of calculation methods or coefficients different to the calculation methods or coefficients specified by the directives based on the Act on Promotion of Global Warming Countermeasures

|  |
| --- |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |

Remarks 1 In the fields of this table, explain the details of the calculation methods or coefficients if calculation methods or coefficients different to the calculation methods or coefficients specified by the directives based on the Act on Promotion of Global Warming Countermeasures are used.

2 List the coefficients used in the calculation of carbon dioxide emissions generated by the use of electricity supplied by third parties in Specified Table 10-3.

5 Provision of information or requests related to ensuring the protection of rights and interests

|  |  |  |  |
| --- | --- | --- | --- |
| Is there a request for protection of rights and interests?  (Circle whichever applies) | 1. Y  2. N | Is any other related information submitted?  (Circle whichever applies) | 1. Y  2. N |

Remarks 1 Circle "1. Y" in the left field if there is a request in this report related to Designated Energy Management Factories, etc. as per Paragraph 1, Article 27 of the Act on Promotion of Global Warming Countermeasures.

2 Circle "1. Y" in the right field if information is provided related to this Designated Energy Management Factory, etc. as per Paragraph 1, Article 32 of the Act.

3 If "1. Y" in this table applies, attach to this report the documents specified by the directives based on Act on Promotion of Global Warming Countermeasures.

Form 4 (related to Article 6)

|  |  |
| --- | --- |
| \*Date of receipt |  |
| \*Date of processing |  |

Regular Reports

Director, Regional Transportation Bureau

Year Month Day

Address

Corporation name

Post of representative

Name of representative Seal

We hereby report as follows in accordance with Paragraph 1, Article 56, of the Act on Rationalizing Energy Use.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Specified transportation operator number | |  |  |  |  |  |  |  |  |  |  |
| Specified emitter number | |  |  |  |  |  |  |  |  |  |  |
| Business operator name |  |  |  |  |  |  |  |  |  |  |  |
| Freight transport category | 1. Freight transport via rail  2. Freight transport via commercial freight vehicle  3. Freight transport via private freight vehicle  4. Freight transport via ship | | | | | | | | | | |
| Location of main business site | Phone ( - - )  Fax ( - - )  E-mail ( ) | | | | | | | | | | |

Table 1 Amount of Energy Used

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Type of energy | | | Unit | Amount used | |
| FY | Calories (GJ) |
| Volatile oil | | | kl |  |  |
| Jet fuel oil | | | kl |  |  |
| Light oil | | | kl |  |  |
| Heavy oil A | | | kl |  |  |
| Heavy oil B, C | | | kl |  |  |
| Liquefied petroleum gas (LPG) | | | t |  |  |
| Liquefied natural gas (LNG) | | | t |  |  |
| Coal ( ) | | | t |  |  |
| City gas (including CNG) | | | 1,000 m3 |  |  |
| Electrical utilities |  | Daytime purchased electricity | 1,000 kWh |  |  |
|  | Standardized electrical demand time periods for summer and winter | 1,000 kWh | ( ) | ( ) |
| Nighttime purchased electricity | | 1,000 kWh |  |  |
| Other | Other purchased electricity | | 1,000 kWh |  |  |
| Generated in-house | | 1,000 kWh |  |  |
| Other energy ( ) | | | ( ) |  |  |
| Total (GJ) | | | |  |  |
| Crude oil equivalent (kl) | | | |  |  |
| Over the previous year (%) | | | |  |  |

*[Table 2 to Table 8 are omitted]*

Table 9 Matters Related to Carbon Dioxide Emissions

1. Carbon dioxide emissions generated from the use of energy

|  |  |
| --- | --- |
|  | FY |
| Carbon dioxide emissions generated from the use of energy (t-CO2) |  |

2. Details of calculation methods or coefficients different to the calculation methods or coefficients specified by the directives based on the Act on Promotion of Global Warming Countermeasures

|  |
| --- |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |

3. Is there a request for protection of rights and interests?

Is there anything in the report in 1. above that is related to requests for "When it is believed that there is a risk of fair and proper interests being affected, including the rights of said and competitive position of said specified emitter due to the publication of information on the carbon dioxide equivalent greenhouse gas emissions" as per the regulations in Paragraph 1, Article 27 of the Act on Promotion of Global Warming Countermeasures? (Circle the appropriate response.)

|  |
| --- |
| 1. Y (see attachment) 2. N |

4. Is information provided?

Is information, etc. related to the increase/decrease of carbon dioxide emissions generated from the use of energy as per the regulations in Paragraph 1, Article 32 of the Act on Promotion of Global Warming Countermeasures in the report in 1. above? (Circle the appropriate response.)

|  |
| --- |
| 1. Y (see attachment) 2. N |

Form 1-2 (related to Articles 6 and 15)

|  |  |
| --- | --- |
| \* Date received | (Year/month/day) |
| \* Processing number |  |
| \* Result |  |
| \* Date decision notified | (Year/month/day) |

Invoice for Protection of Rights and Interests

Year Month Day

Minister Responsible for Business (Head of Local Branch Office)

Requester

(Reading)

Address Postal code

(Reading)

Name Seal

(Name of company and name of representative for corporations)

I hereby request notification be made in accordance with the regulations in Paragraph 1, Article 28 of the Act on Promotion of Global Warming Countermeasures, using the total amount as regulated in Paragraph 1, Article 27 of said Act, in place of the carbon dioxide equivalent greenhouse gas emissions related to the report regulated in Paragraph 1, Article 26 of said Act in accordance with the regulations in Paragraph 1, Article 27 of said Act.

|  |  |
| --- | --- |
| Names of greenhouse gases as well as carbon dioxide equivalent greenhouse gas emissions and/or post-adjustment greenhouse gas emissions or matters in Item 12, Paragraph 2, Article 4 for which it is thought that there will be a negative effect on our rights and interests through publication. | |
| (Names of greenhouse gases) | t-CO2 |
| Reason it is thought this will affect our rights and interests | |
|  | |
| Facts forming the basis for the reason it is thought this will affect our rights and interests | |
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Remarks 1 Do not fill in fields marked with \*.

2 List the name (name of representative in case of a corporation) and affix the seal. In addition, the person concerned (the representative in case of a corporation) can sign it.

3 This form is to be filled in for each substance that is a greenhouse gas related to the request.

4 You may attach documents attesting to the facts forming the basis for the reason it is thought this will affect your rights and interests.

5 The page size for this form should be JIS A4 size.

Form 2 (related to Articles 11 and 19)

Information Related to Change in Carbon Dioxide Equivalent Greenhouse Gas Emissions or Other Information

Fiscal year submitted FY

Information related to changes in carbon dioxide equivalent greenhouse gas emissions and other information is provided here in accordance with the regulations in Paragraph 1, Article 32 of the Act on Promotion of Global Warming Countermeasures.

1. This information is provided with the awareness that it is related to the specified emitter overall and will be made public by the Minister of the Environment or the Minister of Economy, Trade and Industry. (Only one form may be submitted per specified emitter)

2. This information is related only to this business establishment, and is provided with the awareness that it will only be made public on request. (Only one form may be submitted per business establishment)

(List the number that applies) →

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| Special emitter code | | | |  | |  |  | |  |  | |  | |  | | |  | | |  | | Business establishment number | | | | | |  | | | | |
| Prefectural code | | | |  | |  | Business code | | | | | | | | | | | | | | | | |  | |  | |  | | |  | |
| Presence of Type-1 Designated Energy Management Factories, etc. based on the Act on Rationalizing Energy Use.  (If this applies, fill in the number of the category on the right related to the report submitted at the same time and list the number related to the specification based on the Act.) | | | | 1. Type-1 Designated Energy Management Factory, etc. | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
| 2. Type-2 Designated Energy Management Factory, etc. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Specified freight carrier | | | | | | | | | | | | | | | 4. Specified shipper | | | | | | | | | | |
| 5. Specified passenger carrier | | | | | | | | | | | | | | | 6. Specified air carrier | | | | | | | | | | |
| Specification number | | | | | | |  | |  | |  | | |  | | |  | |  | |  | |  | |  | | |  |
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| 1. Information related to change in amount of carbon dioxide equivalent greenhouse gas emissions | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 2. Information related to change in amount of greenhouse gas emissions units | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 3. Information related to measures taken regarding changes in amount of greenhouse gas emissions | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 4. Information related to methods of managing the data that forms the basis for calculation and the calculation methods for carbon dioxide equivalent greenhouse gas emissions, etc. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 5. Other information | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Person in charge  (inquiries) | | | Department | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Reading)  Name | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Phone number | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \*Date of receipt | | (Year/month/day) | | | | | | \*Date of processing | | | | | | | | (Year/month/day) | | | | | | | | | | | | | | | | |

Remarks 1 Submission of this form is optional. Prepare one for each business establishment or specified emitter as needed, attached those related to the business establishments to the report from the relevant specified emitter, and attached those related to the specified emitter to any of the reports on the business establishments established by said specified emitter or the reports for the specified freight carrier, specified shipper, specified passenger carrier, or specified air carrier in accordance with the Act on Rationalizing Energy Use, and submit them.

2 The provided information related to the business establishment is to be disclosed on request, and the information related to the specified emitter is to be published.  
However, this shall not apply to information that is acknowledged as being posted contrary to the purport of the regulations, such as advertising to sell products.

3 There is no need to fill in every field.

4 If details of the provided information can be referenced through environmental reports, websites, etc., then efforts should be made to keep the entries in each field neat and simple by, for example, listing the reference destination.

5 The Specified emitter code, Prefectural code, and Business code fields should show the numbers given to each specified emitter, prefecture, and business by the Minister of the Environment or the Minister of Economy, Trade and Industry.

6 In the Business establishment number field, list the business establishment numbers in Table 6, Form 1.

7 The field on information related to change in amount of carbon dioxide equivalent greenhouse gas emissions may include, in addition to the changes in the amount of carbon dioxide equivalent greenhouse gas emissions, the reasons for this change and an assessment of the change status.

8 The field for information related to change in amount of greenhouse gas emissions units may include, in addition to the changes in the amount of greenhouse gas emissions units, the reasons for this change and an assessment of the change status. (The carbon dioxide equivalent greenhouse gas emissions and other greenhouse gas equivalent emissions that are known for the business establishment or specified emitter (hereafter, "the gas equivalent emissions") refers to the value that remains after subtracting the values that have a close relationship with the production amount, or the building floor-space or other relevant emissions.)

9 The field for information related to measures taken regarding changes in amount of greenhouse gas emissions may include an outline of energy-saving measures or other initiatives by the business establishment or specified emitter, initiatives that contribute to the reduction of gas equivalent emissions by other parties, such as manufactured goods, or office-based cross-cutting initiatives. When these are listed, they may be listed in conjunction with the reduction effects.

10 The field for information related to methods of managing the data that forms the basis for calculation and the calculation methods for carbon dioxide equivalent greenhouse gas emissions, etc. may include, in addition to the carbon dioxide equivalent greenhouse gas emissions, the specific methods of understanding the data required for calculation as well as the details of the calculation method for reduction effects related to measures carried out related to the reduction of the gas equivalent emissions and greenhouse gas emissions units listed in this form.

11 The field for other information may include measures for preserving and strengthening the absorption of greenhouse gases, matters related to transfer or acquisition of domestic and overseas certified emission reductions, purchase amounts of documentation issued by third party organizations as the environmental value of sustainable energy, information on the gas equivalent emissions in the business operator's overall supply chain, and other information related to the suppression of greenhouse gas emissions that could not be included in fields 1 through 4.

12 The field for the person in charge does not need to be filled in if he or she is the same as the person in charge listed in the documents reporting the carbon dioxide equivalent greenhouse gas emissions.

13 Do not fill in fields marked with \*.

14 The page size for this form should be JIS A4 size.