

2-3 Checking the result of calculation of the quantity of the subject substance released or transferred and notification

Follow the procedures shown below to notify the released/transferred quantity.

- (1) Check the calculated quantity of release/transfer for errors. ([pII-94](#))
- (2) Fill out the notification form for the release/transfer of class 1 designated chemical substances. ([pII-95](#))

(1) Check of released/transferred quantity.

Study the following to check that the result of calculation is appropriate.

There are no mistakes in the calculation process such as the use of wrong units.

Is the sum of the quantities of release/transfer smaller than the quantity handled in the fiscal year?

Does the obtained value differ greatly from that of the previous year?

(NOTE)

Examine the calculated releases and transfers by comparing them with the quantity handled in the pertinent fiscal year and the calculated value of the previous year. If a value is significantly larger or smaller, check the number of digits and units of the data used for the calculation, carry out the calculation again, and check the validity of the result.

When the releases and transfers was calculated by using the emission factors or engineering calculations, the value may not match the actual status of the establishment, and thus the result of calculation of releases or transfers may become large. (The sum of the releases and transfers never exceeds the annual quantity handled.) Check the validity of the calculated value by referring to the manufacturer, carrying out actual measurements, etc., and calculate the releases and transfers by using the value that seems more appropriate.

Reference page

- Part I 2-3 (1) Check of released/transferred quantity ([pI-60](#))

(2) Fill out and submit the notification form.

Fill out each item of the notification form, and submit a notification to the ministry in charge of the category of business run by the business establishment via the governor of municipalities. (You can download the notification form from the website of the Ministry of Economy, Trade and Industry or the Ministry of the Environment.)
Enter the released/transferred quantities with two significant digits *.

* If the value to two significant digits is zero, or if there is no release/transfer (such as where no sewage works are used), enter “0.0.” The following example shows how to enter the result of calculation with two digits.

Substances Other than Dioxins	
Calculation result (raw data)	Significant two-digit indication of calculation result
0.0493	0.0*
0.0926	0.1*
0.342	0.3*
4.75	4.8
9.98	10
12.2	12
1,875	1,900
2,041	2,000
9,869	9,900
9,987	10,000
10,237	10,000
10,766	11,000

Dioxins	
Calculation result (raw data)	Significant two-digit indication of calculation result
0.0493	0.049
0.0926	0.093
0.342	0.34
4.75	4.8
9.98	10
12.2	12
1,875	1,900
2,041	2,000
9,869	9,900
9,987	10,000
10,237	10,000
10,766	11,000

* When the released/transferred quantity of specified substances other than dioxins is smaller than 1kg, enter the value obtained by rounding off to one decimal place.

(NOTE)

Non-Japanese companies that assess annual quantities released must submit notifications of the quantity assessed by fiscal year based on the Law.

Fill out all the fields of released/transferred quantities with assessed/calculated values. If the value to two significant digits is zero, or if there is no release/transfer (such as where no sewage works are used), enter “0.0.”

You do not have to notify the annual quantity handled that is assessed when calculating the released quantity. Note, however, that it is very important to assess the handled quantity because you cannot judge whether you are subject to notification unless you know the handled quantity.

The quantity discharged as products need not be notified (need not be entered).

Enter alternative names of substances, if any, in the attached sheet. If there are multiple alternatives, you may enter any one of them. For example, you may enter “simazine” or “CAT” for simazine.

When landfill disposal is performed on a commission basis, enter the sum in “off-site transfer in waste.”

For the names of rivers to which substances are released, refer to “Names of surface water (rivers, lakes, seas, etc.) for PRTR notification” on the website of the Ministry of Economy, Trade and Industry of the Ministry of the Environment. If effluent from a business establishment is released to two or more rivers, etc., enter the name of the river to which the larger quantity is released.

The method of calculation and the value used to calculate the releases and transfers need not be notified. However, they are useful for efficient control of chemical substances in your establishments and for the calculation of the following year. Therefore, you are recommended to organize and keep them for future reference.

Reference page

- Part I 2-3 (2) Fill out and submit the notification form ([pI-62](#))
- Part III 2. Q&A Q1–Q18 ([pIII-117–122](#)), Q22 ([pIII-125](#)),
Q27–Q28 ([pIII-126–127](#)), Q45 ([pIII-133](#)),
Q63 ([pIII-138](#)), Q78–Q85 ([pIII-144–146](#)),
Q108–Q111 ([pIII-153](#))
- Procedure for filling out the notification form
- Names of public waters (rivers, lakes, seas, etc.) for PRTR notification

Example of the Notice

Separately shown format

Notification form of Released and Transferred Quantity of Class 1 Designated Chemical Substance
Date:

To: Minister of the Ministry of Economy, Trade and Industry (Governor of Kanagawa Prefecture):

Notifier : Kasumigaseki 1-2-2, Chiyodaku, Tokyo
ABC Industry Co., Ltd
Taro KANKYO / CEO

We hereby notify the released and transferred quantity of Class 1 designated chemical substance pursuant to Clause 2, Article 5 of the Law Concerning Reporting, etc. of Release to the Environment of Specified Chemical Substances and Promoting Improvements in Their Management as follows.

Business	Name of business establishment	ABC Industry Co., Ltd	
	Name used in previous notification	Sakuradamon Co., Ltd. and Chiyoda Co., Ltd.	
	Name of business establishment	Business establishment B	
	Name used in previous notification	factory No. 1 of Sakuradamon Co., Ltd. and Tokyo factory of Chiyoda Co., Ltd.	
	Address	///// Asahi-cho, Fujisawa, Kanagawa prefecture 251-/////	
Number of employees normally working for business establishment			25
Type of industry into which business operated in the establishment is categorized	Name of industry		Code of industry
	Major business	metal product manufacturing	2800
		-----	-----
		-----	-----
		-----	-----
Release and transfer of Class 1 designated chemical substance			As per separate sheet 1 to 4
Yes or No: This notification is related to the request in Clause 1, Article 6 of the law (encircle the right one)			1. Yes 2. <input checked="" type="radio"/> No
Staff in charge: Contact for inquiry:	Section:	Environment & Safety Department	
	Name	Hanako KAGAKU	
	Phone:	0466-/-/----	
Date of reception:		Number of control	

Remarks:

1. This notification shall be prepared by each business establishment.
2. Enter only when the name notified in the previous notification is changed.
3. In the column for the number of employees normally working for the business establishment, enter the number of employees working for the business establishment as of April 1 (the starting date of the business if an undertaker has started the business in the previous year)
4. In the column for the type of industry into which business operated in the establishment is categorized, enter the type of business where the principal business is operated in the utmost column, and if two or more businesses categorized as different industries are operated, enter them in the following columns. Enter the classification number in Japan Standard Industry Classification corresponding to the industry in industry code column.
5. Legal entity should enter the section concerned, name, contact for inquiry of the business establishment with regard to the notification.
6. Do not enter anything in the column marked with *.
7. The size of the notification and separate sheet shall be A4 per JIS.
8. Enter the name of the notifier (or the name of the representative of a legal entity). The notifier (or the representative of a legal entity) can place his/her signature instead of affixing stamp on it.

Name, Released and Transferred Quantity of Class 1 Designated Chemical Substance

Name of Class 1 designated chemical substance		Xylene						
Number of Class 1 designated chemical substance		63					Unit (Circle the one that applies.)	1. kg 2. mg-TEQ
Release	a) Release to the atmosphere					3.9		
	b) Release to public water area					2.50	Names of the river, lake, or the sea to which a chemical substance is released.	The × river
	c) Release to soil in the business establishment (other than d)					0.0		
	d) Landfill disposal in the business establishment					1.1	Landfill site to which the substance is disposed	1. Least control-led type 2. Controlled type 3. Strictly controlled type
Transfer	a) Transfer to sewerage					0.0		
	b) Transfer to outside the business establishment (other than a)					5.6		
*Reference number								

Remarks:

1. Use this separate sheet for Specified Class 1 Designated chemical substances also.
2. Fill in this separate sheet by Class 1 Designated Chemical Substance. Allocate the numbers in the order of Class 1 Designated Chemical Substances listed in the separate sheet 1 in the column of the number.
3. Enter the names (as for Class 1 Designated Chemical Substances, if a different name is entered in the separate table 1, enter that name) and their numbers in the columns for the name of Class 1 Designated Chemical Substances and for the number of Class 1 Designated Chemical Substances.
4. As for the units of release and transfer, use “kg” for Class 1 Designated Chemical Substances other than dioxins and “mg-TEQ” for dioxins.
5. Use two effective digits. As for Class 1 Designated Chemical Substances other than dioxins, if release or transfer is less than 1 kg, enter the figure after rounding it off to the 1st decimal place.
6. If a chemical substance is released to public water area, enter the name of the river, lake, sea, etc. to which the substance is released in the column of the name of the river, lake, or the sea.
7. Do not enter anything in the column marked with *.

Name, Released and Transferred Quantity of Class 1 Designated Chemical Substance

Name of Class 1 designated chemical substance		dioxins												
Number of Class 1 designated chemical substance		179					Unit (Circle the one that applies.)			1.kg 2. <u>mg-TEQ</u>				
Release	a) Release to the atmosphere										0	.60		
	b) Release to public water area										0	.0	Names of the river, lake, or the sea to which a chemical substance is released.	
	c) Release to soil in the business establishment (other than d)										0	.0		
	d) Landfill disposal in the business establishment										0	.0	Landfill site to which the substance is disposed	1. Least control-led type 2. Controlled type 3. Strictly controlled type
Transfer	a) Transfer to sewerage										0	.0		
	b) Transfer to outside the business establishment (other than a)										1	.4		
*Reference number														

Remarks:

1. Use this separate sheet for Specified Class 1 Designated chemical substances also.
2. Fill in this separate sheet by Class 1 Designated Chemical Substance. Allocate the numbers in the order of Class 1 Designated Chemical Substances listed in the separate sheet 1 in the column of the number.
3. Enter the names (as for Class 1 Designated Chemical Substances, if a different name is entered in the separate table 1, enter that name) and their numbers in the columns for the name of Class 1 Designated Chemical Substances and for the number of Class 1 Designated Chemical Substances.
4. As for the units of release and transfer, use "kg" for Class 1 Designated Chemical Substances other than dioxins and "mg-TEQ" for dioxins.
5. Use two effective digits. As for Class 1 Designated Chemical Substances other than dioxins, if release or transfer is less than 1 kg, enter the figure after rounding it off to the 1st decimal place.
6. If a chemical substance is released to public water area, enter the name of the river, lake, sea, etc. to which the substance is released in the column of the name of the river, lake, or the sea.
7. Do not enter anything in the column marked with *.