Worksheet

Worksheet 1 (Compilation of handled quantity and judgment of businesses and substances requiring notification)

This worksheet can be used for judging the necessity of notifying the quantity of a subject substance eleased or transferred on the basis of the calculation result and the presence of specific requirement facilities. By filling out the annual quantity of a subject substance manufactured in an establishment, and the quantity of the subject substance manufactured in an establishment, and the quantity of the subject substance handled.

Fill out the columns in order from 1A to 1S by referring to the Manual for Calculating the Quantity of Released Pollutant. You can calculate the annual quantity of a subject substance on a duple whether you must make a notification and which substance you must notify.

Calcul	ation of the ann	ual quantit	y used of r	aw materials	or materials	Calculation of th	ne annual quantity	eased Pollutant. You can accepted in storage facili used of the subject subst	ance contained in raw r	naterials or m	aterials	
contai	ning the subject	substances						,				
	Name of raw materials or materials	Annual quantity of 1A kg/year	Quantity of 1A stored at kg	Quantity of 1A stored at the kg	Annual quantity used of 1A kg/year	CAS No. of the subject substance	Substance No. of the subject substance	Name of the subject substance contained in 1A	Individual name of substances when 1A is a group of	Content of 1H0 (1H0') in 1A %	Coefficient of conversion	Annual quantity used of 1H0 kg/year
	1A	1B	1C	1D	IE =1B-1C+1D	1F0	1G0	1H0	1H0,	11	n	1K =1E×1I÷100

CAS No. of the	Substance No.	Name of the subject	Annual	Annual	Annual	Annual	Judgment according to the	e annual quantity of the
subject substance	of the subject substance	substance	quantity of 1H kg/year	quantity of 1H in 1A kg/year	quantity of 1H used kg/year	quantity of 1H handled kg/year	subject substance handles Category of substance	Judgment of subject substance by annual quantity handled
1F	1G	ІН	IL	1M	1N 1N (Sum of 1M)	1O = 1L+1N	IP In the case of a specific class 1 designated chemical substance, enter "Specific."	1Q When 1P is "Specific": Enter "Notification required" when 1O - 0.5 t/year.
							In the case of a class 1 designated chemical substance, enter "Class 1."	When 1P is "Class 1": Enter "Notification required" when 1O - 1 t*/year.

Judgment according to	specific requirement
Name of specific	Judgment according to
requirement facility	specific requirement
	facilities
1R	15
Specific requirement	When there are specific
	requirement facilities, ent
business	"Notification required."
Among businesses	
engaged in metal	
mining or crude oil and	
natural gas mining,	
those having buildings,	
structures and other	
facilities specified in	
Article 1, Chapter 8 of	
the Mine Safety Law	
Among businesses	
engaged in sewage	
water treatment, those	
having sewage water	
final treatment	
facilities	
Among businesses	
engaged in waste	
treatment or industrial	
waste treatment, those	
having general waste	
treatment facilities	
specified in Article 1,	
Chapter 8 of the Waste	
Disposal and Public	
Cleansing Law, and	
industrial waste	
treatment facilities	
specified in the same	
law	
Businesses having	
specific facilities	
specified in Article 1,	
Chapter 2 of the Law	
Concerning Special	
Measures for PCDDs	

Worksheet 2 (Calculation of the maximum latent quantity released to the environmen

Use this worksheet to calculate the maximum latent quantity of a subject substance released to the environment requiring notification of the quantity released or transferred (one sheet for one process and one material). Fill out the columns one by one from 2A to calculate the maximum latent quantity released to the environment.

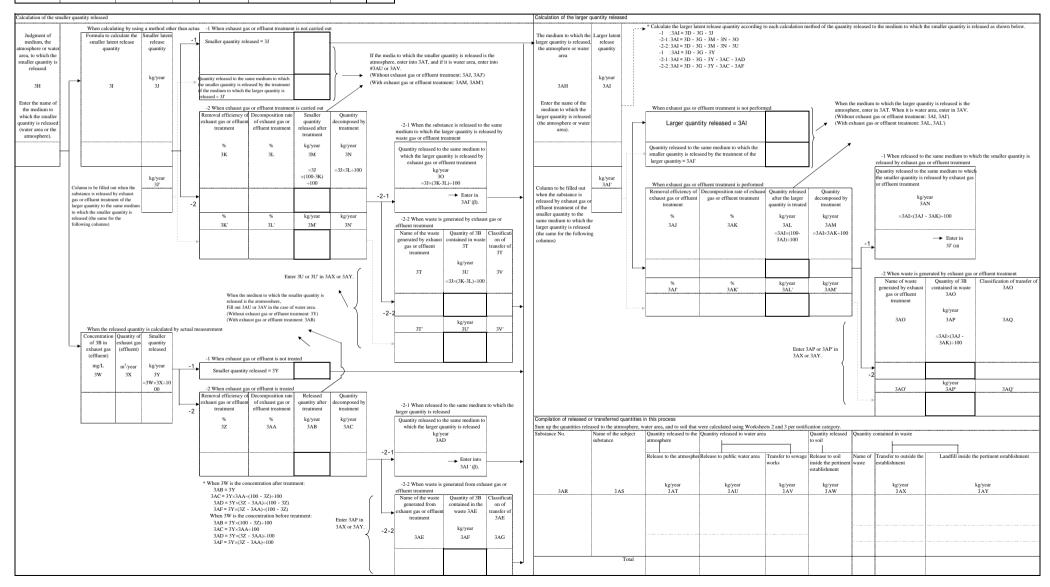
Name of the proces	ss where the subject su	ubstance is handled	Calculation of	f the annual quant	ity of the sub	ject substance ha	ındled			,	Calc	culation of the quantit	y of the subj	ect substance	ce transferred as produc	ts	Calculation of the qua	antity of the s	ubject substa	nce containe	ed in waste	1	Calculation of the
												When the cont		oject substa	ince in the		When the	content of the	e subject sub	stance in wa	ste is known		maximum potential quantity of the subject substance released to the environment
Name of the process where raw materials or materials containing the subject substance are handled	Name of the subject substance contained in the raw materials or materials handled in 2A	the substance when 2B is a group of	Annual quantity of 2B produced	Name of the raw materials or materials containing 2B	Annual quantity of 2D used	Content of 2B (2B') in 2D	Coefficient of conversion from 2B' to 2B	Annual used quantity of 2B (2B') contained in 2D	Total annual quantity of 2B used	Annual quantity o 2B handle		Name of the			Quantity of 2B in 2K transferred as products	Sum of the quantities of 2B transferred as products kg/year, (Sum of 2N and 2Q)	Name of the waste containing 2B generated in 2A	2S generated	f Content of 2B (2B') contained in 2S	Type of transfer of 2S	Quantity of 2B contained in 2S	Sum of the quantities of 2E contained in 2S	
2A	2В	2B'	kg/year 2C	2D	kg/year 2E	% 2F	2G	kg/year 2H =2E×2F÷100	kg/year 2I (Sum of 2H)	kg/year 2J = 2C + 2l		2K	kg/year 2L	% 2M	kg/year 2N =2L×2M×2G÷ 100	kg/year 2R (Sum of 2N and 2Q)	28	kg/year 2T	% 2U	2V	kg/year 2W =2T×2U×2G÷10 0	kg/year 2AB (Sum of 2W and 2AA)	kg/year 2AC =2J-2R-2AB
											_												
																		1	ļ				
												When the cont	own		nce in the						waste is not known		
												Name of the product	Formula calculate the		Quantity of 2B transferred as		Name of the waste		calculate the 2B contained		Quantity of 2B contained in 2X		
							 	ļ			L	containing 2B	2B transf	erred as	products 2O,		containing	in	2X	2X	- Communicating 2/4	₩	
											1	manufactured in 2A	produc	ts 2O	kg/year		2B generated in 2A	1					
												20	21	•	kg/year 2Q		2X	2	2Y	2Z	kg/year 2AA		
																		ļ					
							ļ					ļ						·					
							 											 				Enter "3AX" or	
																						"3AY" of Workshee 3 per classification of transfer.	t
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Worksheet 3 (Calculation of the quantity released to each medium)

This worksheet can be used to give a breakdown of the maximum latent quantity released to the environment calculated by filling out worksheet 2 into individual quantities released to each medium (one sheet for one process and one material). Fill out the sheet step by step by referring to the Manual for Calculating the Quantity of Released Pollutant.

Name of the subject s	substance and the process	where the substance is han	dled		Calculation of the quantity released to	soil	
Name of the process	Name of the subject	Name of the individual	Conversion	Maximum latent	Quantity of raw materials or materials	Content of 3B	Quantity of
where raw materials	substance contained in	materials (when 3B is a	coefficient	quantity of 3B	containing 3B leaked to soil	(3B') in raw	3B released
or materials	raw materials or	group of substances)	used to	released to the	-	materials or	to soil
containing a subject	materials handled in 3A		convert 3B'	environment		materials	
substance is handled			to 3B				1
				kg/year	kg/year	%	kg/year
3A	3B	3B'	3C	3D	3E	3F	3G
Post "2A" here.	Post "2B" here.	Post "2G" here.	Post "2G"	Post "2AC" here.			=3E×3F÷10
			here.				0

Enter in 3AW



Worksheet 4 (Compilation of the quantity released or transferred)
Use this worksheet to compile the quantities of the subject substance released and transferred calculated by using worksheets 2 and 3. Post the values in the relevant columns in worksheet 3 to this sheet to compile the quantities per substance.

Substans	Name of the subject	Name of the	Transf	erred quantity			Dalan	sed quantity							
		process where	Tralisi	crrca quantity	Released quantity										
C 110.		the substance is													
		handled													
		nundred	Transfer to	Transfer to outside the	Release to the	Release to p	oublic water area	Release to soil inside	Landfill inside the	pertinent establishment					
			sewage works	pertinent establishment	atmosphere			the pertinent	Eulerin inside the pertinent establishmen						
			C	1	1	Dalassad	D.1. 1.		Quantity Classification of						
			ly a /y y a a m	Ira/r.a.a.	1,0/,,00	Released quantity	Name of the river, lake or sea to which the	lva/vvaan	disposed of in	landfill site (least					
			kg/year	kg/year	kg/year	kg/year	substance is released	kg/year	landfills	controlled, controlled,					
									kg/year	or strictly controlled)					
4A	4B	4C	4D	4E	4F	4G	4H	4I	4J	4K					
Post	Post "3AS" here.	Post "3A" here.	Post "3AV" here.	Post "3AX" here.	Post "3AT" here.	Post "3AU" here.		Post "3AW" here.	Post "3AY" here.						
"3AR"															
here.															
						<u> </u>									
							L								

Worksheet 5 (Calculation of the quantity released or transferred from specific requirement facilities)

Use this worksheet to calculate the quantity of a subject substance released from specific requirement facilities to each medium in the environment. Fill out the columns one by one from 5Aa or 5Ab by referring to the Manual for Calculating the Quantity of Released Pollutant to calculate the quantity released or transferred to each medium and compile them.

If the substance released is categorized as a PCDD, use a), and in the case of other substances, use b).

a) Substances categorized as PCDDs

	Information on the su	bject substance	released		Calculation of the qu	antity of the s	ubject substance	Calculation of the s	ıbject substan	ce released to	Calculation of the quantity of the subject substance contained in waste					
					released to the atmos		water area									
Seria No.	Name of the facility from which the subject substance is	subject	Substance No. of the subject substance	Name of the subject substance released	Quantity of exhaust gas ng-TEQ/Nm ³	Quantity of exhaust gas Nm³/year	Quantity of PCDDs released to the atmosphere mg-TEQ/year	Concentration of PCDDs in effluent pg-TEQ/L			Name of waste containing PCDDs	Concentration of PCDDs in waste	Quantity of waste generated t/year	Classificatio n of transfer of waste	Quantity of PCDDs contained in waste mg-TEQ/year	
	5Aa	5Ba Enter "-"	5Ca Enter "179"	5Da Concentration of PCDDs in exhaust gas	5Ea	5Fa	5Ga =5Ea×5Fa÷1,000,00	5Ha	5Ia	5Ja =5Ha×5Ia÷1,000,00	5Ka	5La	5Ma	5Na	5Oa =5La×5Ma	
		- 	179	PCDDs												
														, — . — , — . —		

b) Substances other than PCDDs

	Information on the st	ubject substance	released		Calculation of the qua		bject substance	Calculation of the s	ubject substanc	e released to	Calculation of the subject substance contained in waste					
					released to the atmosp	here		water area								
Serial No.	Name of the facility from which the subject substance is released	subject	Substance No. of the subject substance	Name of the subject substance released	Concentration of the subject substance in exhaust gas		Quantity of the subject substance released to the atmosphere	Concentration of the subject substance in effluent	Quantity of effluent	Quantity of the subject substance released to water area	Name of waste containing the subject substance	Concentration of the subject substance in waste	waste	Classificatio n of transfer of waste	Quantity of the subject substance in waste	
	5Ab	5Bb	5Cb	5Db	mg/Nm³ 5Eb	Nm ³ /year 5Fb	kg/year 5Gb	mg/L 5Hb	m³/year 5Ib	kg/year 5Jb	5Kb	mg/kg 5Lb	t/year 5Mb	5Nb	kg/year 5Ob	
							=5Eb×5Fb÷1,000,00 0			=5Hb×5Ib÷1,000					=5Lb×5Mb÷1,000	
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