2023 9

1

2

3

4

5

1

2

3

4

5

6

7

8

9

10

11

12

1			5t/a			5t/a	
2			-100t/a			-100t/a	
3			/			/	
4	/		/	/		/	
5	/		/	/		/	
6	/		/	/		/	
7	/		/	/		/	

2023 5 5 2023 5

12 2023 5 18 2023 6 15

1

2

3

4

2 120°29′E

31°25′N 1

500m 2

3 DA003 15m 3#

DA008 15m DA009 35m

3

1 1

4

3.2-1

1				
2				
3		3522.42m^2	3522.42m^2	
4				
5		5280h	5280h	
6		330d 16h	330d 16h	
7		3000	3000	
8		125	125	

3.2-2

1			5t/a			5t/a	
2		/	-100t/a		/	-100t/a	

3.2-1~2

3.2-3

1#

3.2-4

1			1	1	0
2			4	4	0
3			1	1	0
4			1	1	0
5			1	1	0
6			1	1	0
7			1	1	0
8			1	1	0
9			1	1	0
10			1	1	0
11			1	1	0
12			1	1	0
13			1	1	0
14			1	1	0
15			1	1	0
16			1	1	0
17			1	1	0
18			2	2	0
19			1	1	0
20			1	1	0
21			1	1	0
22			1	1	0
23			1	1	0
24			1	1	0
25			1	1	0
26			1	1	0
27			1	1	0

3.2-5

3.2-6

1			1	1	0
2			1	1	0
3			1	1	0
4			1	1	0
5			1	1	0
6			1	1	0
7			1	1	0
8			1	1	0
9			1	1	0
10			1	1	0
11			1	1	0
12			1	1	0

1				1	1	0
2				1	1	0
3				1	1	0
4				1	1	0
5				1	1	0
6				1	1	0
7				1	1	0
8				1	1	0
9				1	1	0
10				1	1	0
11				1	1	0
12				1	1	0
13				1	1	0
14				1	1	0
15				1	1	0
16				1	1	0
17				1	1	0
18				1	1	0
19				1	1	0
20				1	1	0
21				1	1	0
22				1	1	0
23				1	1	0

24				1	1	0
25				1	1	0
26				1	1	0
27				1	1	0
28				1	1	0
29				1	1	0
30				1	1	0
31				1	1	0
32				1	1	0
33				1	1	0
34				1	1	0
35				1	1	0
36				1	1	0
37				1	1	0
38				1	1	0
39				1	1	0
40				1	1	0

16			1000L	1	1	0
17			1000L	1	1	0
18			1500L	1	1	0

l Ä1 II

3.3

1						236.40		216.96	
2						843.16		773.82	
3						18118.58		16628.63	
4						68.95		63.28	
5						191.48		175.74	
6						118.20		108.48	
7						4.93	98.5	4.52	90.4
8						10.50		9.64	
9						4.73		4.34	
10						118.20		108.48	
11						4.93		4.52	
12						787.13 8573.14		722.40 7868.14	
13						/	/	/	/
14						/	/	/	/
1						480		490	

3.4-1

3.4-2 CMC

3.5-1

2021 122

	1	50% 30%		

	2			
	3			
	4			
	5			
	6	10%		
	7			
	8			
	9			

4.1-1

	2+

4.1.1

2	

1

“

+RTO + ”

RTO

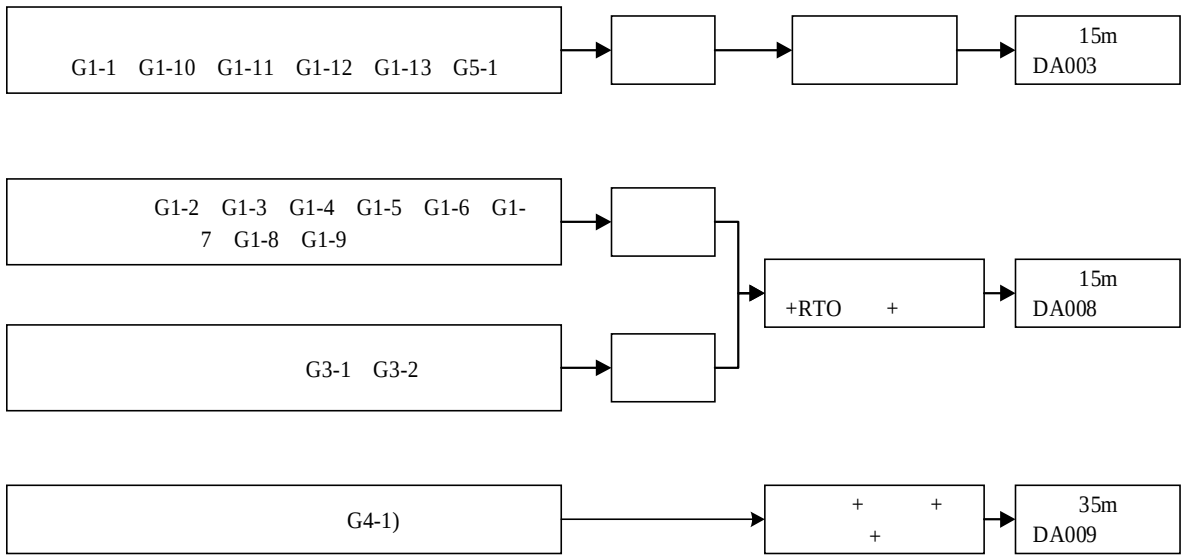
+ + + 35m

DA009

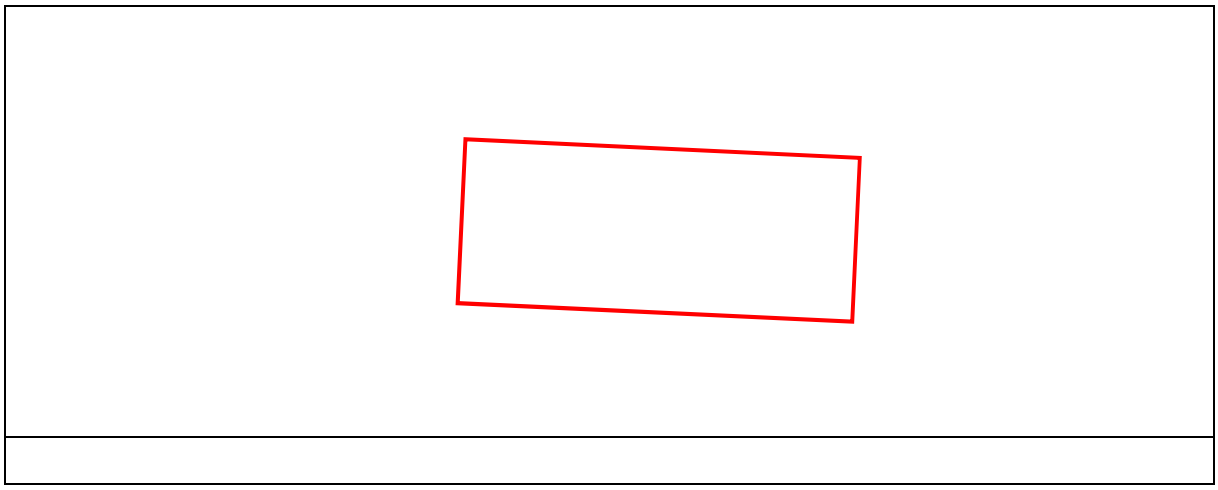
4.1.2 4.1.2-1

1			HCl			DA003	15m

2					+RTO +	DA008	15m
3							
4			SO_2 NOx	/	+ + +	DA009	35m



4.1.2-2



	DA003
+RTO +	
+ + +	

3		1	
4		2	
5		1	
6		2	

2

1

4.1.4-1

1											
2											1
3											
4											

2

5

HW03 HW04 HW05
HW06 HW07 HW08
/ / HW09 HW11
HW12 HW13 HW16 HW14
HW17 HW19 HW32
HW33 HW34 HW35 HW37
HW38 HW39 HW40
HW45 HW49 772-006-49 309-001-49 900-039-49
900-042-49 900-046-49 900-047-49 #900-999-49 HW50
261-151-50 #261-152-50 261-183-50 263-013-50 271-006-50 #275-009-50 276-006-50 900-048-50 25000 /

HW04 HW06 900-405-06 900-407-06 900-409-06 HW11 HW12 HW13
265-104-13 900-015-13 90-451-13 HW14 HW17
HW21 HW22 HW23
HW24 HW26 HW31 HW32
HW33 HW34 HW35 HW36
HW45 261-081-45 261-084-45 HW46
HW48 HW49 20000 /
HW03 HW04 HW05
HW06 HW08 / /
HW09 HW11 HW12
HW13 HW16 HW17 336-050-17 336-051-17 336-052-17 336-053-17 336-054-17 336-055-17 336-056-17 336-057-17 336-058-17 336-059-17 336-060-17 336-061-17 336-062-17 336-063-17 336-064-17 336-066-17 HW35 HW39 HW40
HW45 HW49 900-039-49 900-041-49 900-

042-49 900-044-49 900-047-49 900-999-49 HW50 263-013-50
275-009-50 276-006-50261-151-50 13000 /
HW02 HW49 HW18

2

87.75m^2 176.7m^2 264.45m^2
GB18599-2020

3

1 45m^2 2
30m^2 1 15m^3
HJ 1276-2022
— GB15562.2-1995
GB18597-2023
[2019]327

10~15cm

j@

4.1.4-2 4.1.4

1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

-	

4		/	
6		/	

2023 4 26

4.2.2

	
DA005	DA008
	
DA009	
	

“ ”

				25
				30
				/
				10
				15
				/
				/
“ ”				30
				10
				5
	/	125	/	125

“ ”

1

2

3

4

5

6

7

2

5

201805035320000045

“ ”

“ ”

1. “ ”

2.

15 DA003

15 DA008

DB32/4042-2021 1 2 5

35 DA009 GB18485-2014 4 GB18484-2020 3

VOCs

DB32/4042-2021 6

3.

GB12348-2008 3

4.

276-003-02 276-004-02 900-041-49

271-003-02 772-003-18 276-001-02

$75m^2$ $15m^3$

GB18597-2001

264.45m^2

GB18599-2020

5. 100

6.

DB32/T3795-2020

2 700m^3

7.

8.

HJ819-2017

9.

.

1

/ ≤ 2686/250203.6

COD<0.091/43.22216 SS<0/2.017463 NH_3-N<0/0.559 TN<0/4.214126 TP ≤ 0/0.1823

<0/0.056 <0/0.003 <0/27186 COD ≤ 0/4.7028

SS<0/0.2963 NH_3-N<0/0.1099 TN<0/0.458 TP<0/0.0233

/ ≤ 0.042/0.5288 HCl

<00005/0.00027 <0.0387/0.6198 <0/0.1205 DMF

<0/0.0415 <0/0.008 ≤ 0/0.011

<0/0.016 ≤ 0/0.0186 ≤ 0/0.003

<0/0.05 VOCs <0.0482/2.4149 SO2 <0.132/1.931

NOx <1.2816/5.7796 ≤ 0.0000000754/0.000000063

<00000754/0.000161 ≤ 00000754/0.000213

<0/0.04 ≤ 0/0.0915 VOCs <0.035/0.724

“ ”

[2015]162

5

	pH	6~9	6~9
	COD	200	200
		150	150
		12	12
	TP	2.5	2.5
	TN	20	20
	TP	/	
	TN	/	
	TP	/	
	TN	/	

		10	10	

DA003

ڜ Ḥ

	NOx NO_2	300 1 250 24	300 1	
		4.0 1 2.0 24	4.0 1	
		60 1 50 24	60 1	
		0.05	0.05	
		0.05	0.05	
		0.05	0.05	
		0.5	0.5	
		0.5	0.5	
		0.5	0.5	
		2.0	2.0	
		0.1TEQng/m^3	0.1TEQng/m^3	GB18485-2014 4

		0.20	0.20	
	NMHC	4.0	4.0	DB32/3560-2019 4
	NMHC	6	6	
		20	20	DB32/4042-2021 6

	!			
3	65	55	65	55
	GB12348-2008 3			

DA003 DA008 DA009

6.4-1

			0.042	0.042	0.0786	0.0786	0.1206	0.1206
		HCl	0.00005	0.00005	0.00022	0.00022	0.00027	0.00027
			0.0387	0.0387	0.1101	0.1101	0.1488	0.1488
			0.0482	0.0482	0.1867	0.1867	0.2349	0.2349
		SO_2	0.132	0.132	0.132	0.132	0.264	0.264
		NOx	1.2816	1.2816	0.4919	0.4919	1.7735	1.7735
			7.54E-11	7.54E-11	3.03E-11	3.03E-11	1.06E-10	1.06E-10
			7.54E-06	7.54E-06	2.27E-05	2.27E-05	3.02E-05	3.02E-05
			7.54E-06	7.54E-06	7.95E-05	7.95E-05	8.7E-05	8.7E-05
			0.035	0.035	0.040	0.040	0.075	0.075

6.4-2

			2686	2686	250203.6	250203.6
		COD	0.091	0.091	43.22216	43.22216
		SS	0	0	2.017463	2.017463
		NH_3-N	0	0	0.559	0.559
		TN	0	0	4.214126	4.214126
		TP	0	0	0.1823	0.1823
			0	0	27186	27186
		COD	0	0	4.7028	4.7028

DA003 DA008 DA009

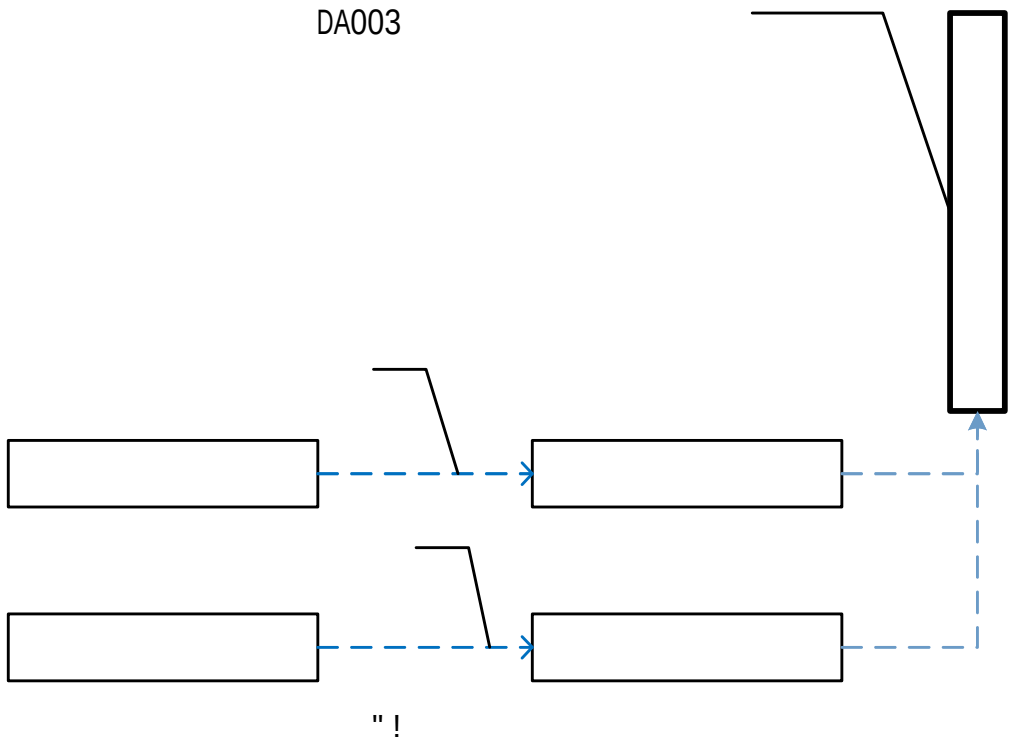
7.1

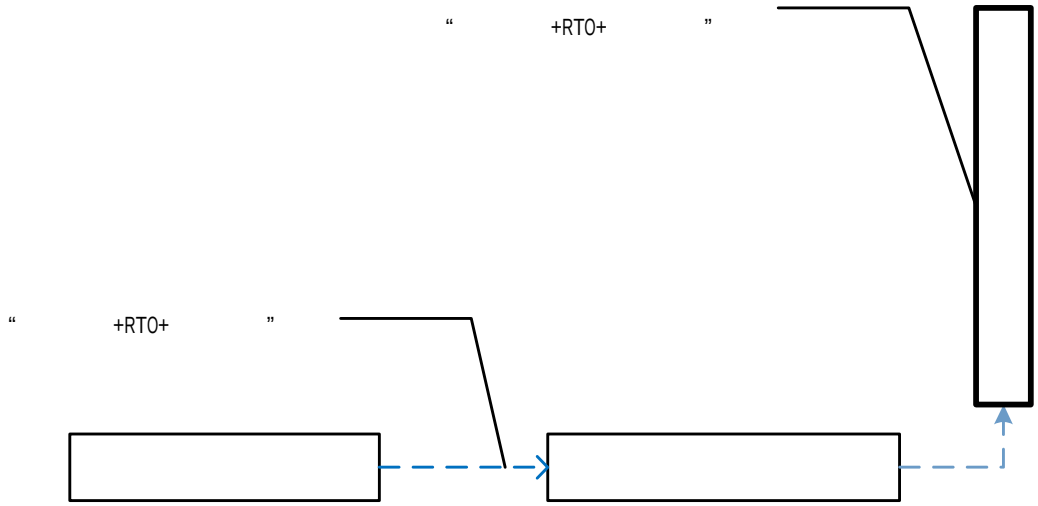
1	1	/	COD SS	4 /
2	2	/	COD SS	4 /
3	2	/	pH COD SS NH_3-N TN TP	4 /
4		pH COD SS NH_3-N TN TP	pH COD SS NH_3-N TN TP	4 /
5		/	TN TP	4 /
6		/	TN TP	4 /
7		/	TN TP	1

7.2.1 7.2.1-1~3

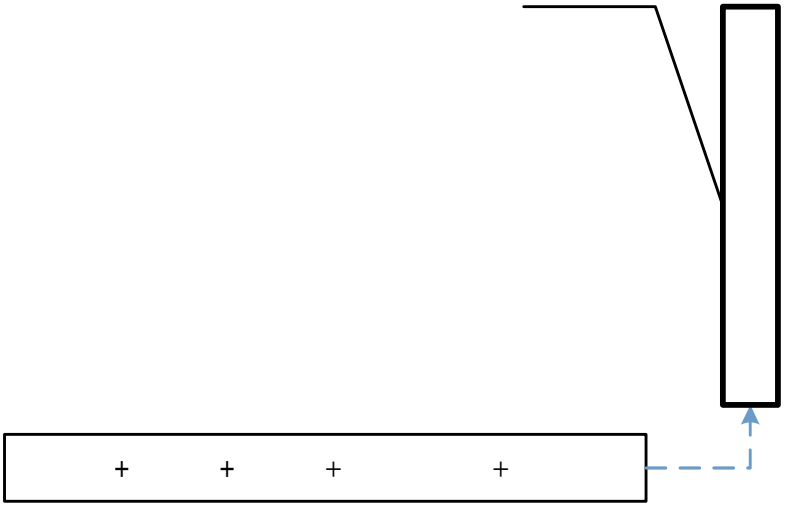
1	DA003		/	HCl NMHC	3	2023.05.05 2023.05.12
2			/	HCl NMHC	3	
3		DA003	HCl NMHC	HCl NMHC	3	
4	DA008	“ +RTO + ”	/	NMHC	3	

5		“ +RTO + ”	NMHC SO_2 NOx	NMHC SO_2 NOx	3	
6	DA009		SO_2 NOx	SO_2 NOx	3	2023.05.18 2023.06.15





" !



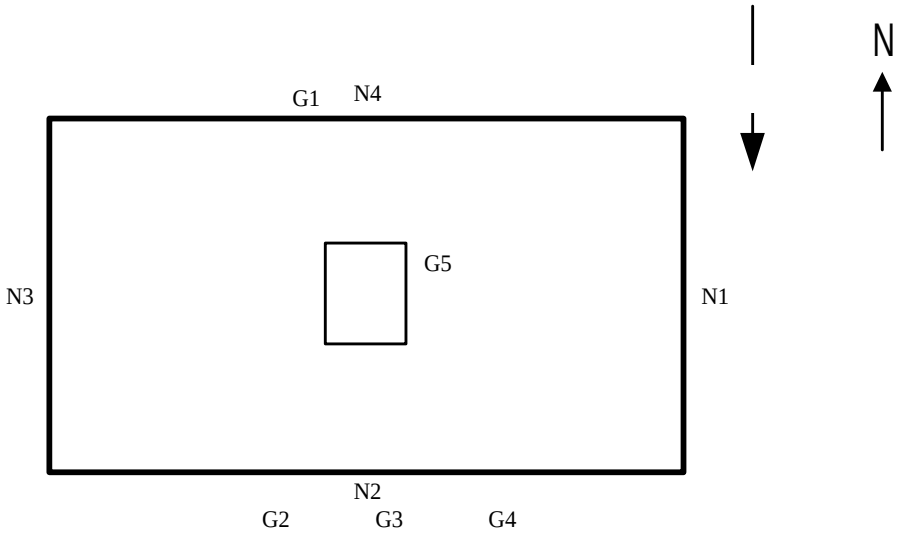
" !

7.2.2

1	2023.05.05 2023.05.12	G1	NMHC HCl	NMHC HCl	4
2		G2			
3		G3			
4		G4			
5		1m	NMHC	NMHC	4

7.3

1	N1	A	A	2
1	N2			
1	N3			
1	N4			



		HJ549-2016	
	pH	pH HJ1147-2020	/
		HJ828-2017	4mg/L
		HJ535-2009	0.025mg/L
		HJ636-2012	0.05mg/L
		GB11893-1989	0.01mg/L
		GB11901-1989	4mg/L
		GB12348-2008	/

#

	$	
2,3,7,8- T_4CDF	0.00002	0.000314
1,2,3,7,8- P_5CDF	0.0003	0.001047
2,3,4,7,8- P_5CDF	0.0002	0.001047
1,2,3,4,7,8- H_6CDF	0.0002	0.000838
1,2,3,6,7,8- H_6CDF	0.0002	0.000942
2,3,4,6,7,8- H_6CDF	0.00004	0.002094
1,2,3,7,8,9- H_6CDF	0.0002	0.002094
1,2,3,4,6,7,8- H_7CDF	0.0004	0.003141
1,2,3,4,7,8,9- H_7CDF	0.00009	0.003141
O_8CDF	0.0002	0.003141
2,3,7,8- T_4CDD	0.00002	0.000209
1,2,3,7,8- P_5CDD	0.0002	0.002094
1,2,3,4,7,8- H_6CDD	0.0003	0.002094
1,2,3,6,7,8- H_6CDD	0.0002	0.001047
1,2,3,7,8,9- H_6CDD	0.0009	0.000628
1,2,3,4,6,7,8- H_7CDD	0.0001	0.002094
O_8CDD	0.0001	0.005235

8.2

	pH	PHB-5 pH	JSYH-XC-0140	
		/	/	
		PTX-FA210S	JSYH-FX-0001	
		722N	JSYH-FX-0015	

		T6	JSYH-FX-0016	
		T6	JSYH-FX-0016	

10%

HJ/T397-2007

HJ/T373-2007

HJ/T55-2000

30~70%

0.5dB

12 2023 5 18 2023 6 18

9.1

12

9.2.1-1

2023.05.05		1		
		2		
		3		
		4		
		1		
		2		
		3		
		4		
2023.05.12		1		
		2		
		3		
		4		
		1		
		2		
		3		
		4		

2023.05.05				
2023.05.12				

9.2.1-1

9.2.1-2

			% "			% "

1

2023.05.05

			% "			% "

			" !								
		/									/
		/									/
		mg/m^3									/
		kg/h									/
HCl		mg/m^3									/
		kg/h									/
NMHC		mg/m^3									/
		kg/h									/
		/									/
		/									/
		mg/m^3									10
		kg/h									/
HCl		mg/m^3									10
		kg/h									/
NMHC		mg/m^3									60
		kg/h									/
HCl		%									/
NMHC		%									/
		%									/

		" !								
										/

DA003 HCl NMHC DB32/4042-2021

" !

		&' (% &									
		" !									
		/									/
		/	1	2	3		1	2	3		/
NMHC		mg/m^3									/
		kg/h									/
		mg/m^3									/
		kg/h									/
		/									/
		/									/
		%									/
NMHC		mg/m^3									/

			&' (% &								
			" !								
		mg/m^3									60
		kg/h									/
SO_2		mg/m^3									/
		mg/m^3									100
		kg/h									/
NOx		mg/m^3									/
		mg/m^3									200
		kg/h									/
		mg/m^3									/
		mg/m^3									/
		kg/h									/
NMHC		%									/
		%									/
											/

DA008 NMHC SO_2 NOx DB32/4042-2021

" !

			& & &								
			" !								
		/	1	2	3		1	2	3		/
		mg/m^3									/
		%									/
		mg/m^3									30
		kg/h									/
		mg/m^3									/
		%									/
		mg/m^3									100
		kg/h									/
		mg/m^3									/
		%									/
		mg/m^3									100

				& & &						
				" !						
	/	1	2	3		1	2	3		/

mg/m^3 /

			& & &								
			" !								
		/	1	2	3		1	2	3		/
		%									/
		mg/m^3									0.05
		kg/h									/
		mg/m^3									/
		%									/
		mg/m^3									0.5
		kg/h									/
		mg/m^3									/
		%									
		mg/m^3									0.5
		kg/h									/
		mg/m^3									/
		%									/
		mg/m^3									0.5
		kg/h									/
		mg/m^3									/
		%									/

			& & &							
			" !							
		/	1	2	3		1	2	3	/
		mg/m^3								/
		kg/h								/
		mg/m^3								/
		%								/
		mg/m^3								/
		kg/h								/
		mg/m^3								/
		%								/
		mg/m^3								/
		kg/h								/
		mg/m^3								/
		%								/
		mg/m^3								/
		kg/h								/
		mg/m^3								/
		%								/
		mg/m^3								/

			& & &								
			" !								
		/	1	2	3		1	2	3		/
		kg/h									/
		mg/m^3									/
		%									
		mg/m^3									
		kg/h									
		mg/m^3									
		%									
		mg/m^3									
		%									
		ngTEQ/m^3									

2

			) "				
μg/m³	2023.05.05	G1					
		G2					
		G3					
		G4					
	2023.05.12	G1					
		G2					
		G3					
		G4					
mg/m³	2023.05.05	G1					0.20
		G2					
		G3					
		G4					
	2023.05.12	G1					
		G2					
		G3					
		G4					
mg/m³	2023.05.05	G1					4.0
		G2					
		G3					
		G4					
	2023.05.12	G1					

			) "				
		G2					
		G3					
		G4					
	2023.05.05	G1					20
		G2					
		G3					
		G4					
	2023.05.12	G1					
		G2					
		G3					
		G4					
mg/m^3	2023.05.05	1 G5					6
	2023.05.12	1 G5					6

HCl NMHC

DB32/3560-2019 4 NMHC DB32/4042-2021

6

9.2.3

N1	1m	dB A	58.4	47.6	58.6	47.7	65	55	
N2	1m	dB A	60.7	49.4	60.4	49.7			
N3	1m	dB A	57.3	48.2	57.7	48.3			
N4	1m	dB A	56.6	46.3	56.9	46.6			

9.2.3 ↔ ز

DA003 DA008 DA009

DA003 DA008 DA009

9.2.5-2

	DA003					
	DA009					
HCl	DA003					
	DA008					
	DA003					
	DA008					
SO_2	DA008					
NOx	DA008					
	DA009					
	DA009					
	DA009					
	DA009					

0

9.3

1	“ ”	“ ”	
2	15 DA003 15 DA008 DB32/4042-2021 1 2 5 35 DA009 GB18485-2014 4 GB18484-2020 3 VOCs DB32/4042-2021 6	15m DA003 15m DA008 DB32/4042-2021 1 2 5 35m DA009 GB18485-2014 4 GB18484-2020 3 VOCs DB32/4042-2021 6	
3	GB12348-2008 3	GB12348-2008 3	
4	276-003-02 276-004-02 900-041-49 271-003-02 772-003-18 276-001-02 75m^2 15m^3 GB18597-2001	276-003-02 276-004-02 900-041-49 271-003-02 772-003-18 276-001-02 75m^2 GB18597-2023	

	264.45m^2 GB18599-2020	EHS GB18599-2020 264.45m^2	
5	100	100	
6	DB32/T3795-2020 2 700m^3	2 700m^3	
7		[2011]1	
8			

DA003

HCl NMHC DB32/4042-

2021 DA008 NMHC SO_2 NOx

DB32/4042-2021 DA009

GB18484-2020

GB18485-2014 4

NMHC HCl

DB32/3560-2019 4

NMHC

DB32/4042-2021

GB13248-2008 3

COD SS NH_3-N TN TP

HCl

SO_2 NOx

10.2

1			
2			
3			
4			
5		736 2019	
6			
7			
8			
9			

10.2

1

2

3

4

HJ819-2017

								2201-320507-89-05-510627				2				
		/2761						□ □ □					120°29′E 31°25′N			
		5t/a						5t/a								
								[2022]07 0243								
		2022 11						2023 3				2023 3				
								/				91320500137702628400 1P				
												9.1				
		3000						125				4.2				
		3000						125				4.2				
		10		55		15		/				/		45		
		/						/				330				
								913205001377026284				2023.03.24~2022.09				
	HCl															

	SO_2												
	NOx												
		/											
		/											
		/											

1 + - 2 12 = 6 - 8 - 11 9 = 4 - 5 - 8 - 11 + 1 3 — / —
/ — / — / / — / — /
— /