2005

6

530 880

15 5 t/a 5 t/a

6 t/a 5 t/a 3 t/a 1 t/a

10 t/a 2 t/a 6 t/a

1 PVC 2 1

4 2 2 2.2

5000 2500

65th 5000 3

4000 4 1000 4 -3 11300

10 t/a

2015

2

2011 1

2011 6 27 “

[2011]84 ” 2011 11 2018 1

2018 1 5

2018 6

253 2017

[2017]4

2018 6

“ ”

2 2018 7

10

2

2018 08 10 08 11

2018 11 5 ~2018 11 6

2 1

1 2015

2 2017 6

3 2016

4 253 2017

5 1996 10 29

6 2016 11 7

1 2015 113

2015 12

2 2017 4 < >

2017 11

3 HJ 819-2017 ,2017 6

4 2018

5

1 5000 2500

2017

2 2

2011 6

3 2

[2011]84 2011

6 27

1 2

	5000 2500		500	
			500	
		1,3-	500	
			950	
			500	
			5000	

3.1.2

2×3150kVA

15km 35kV 2 3000kW

6.3kV 3253 kW

1260m^3/h 463.32m^3/h

1

7000m^3/d +

+ 3000 m^3/d 4000

m^3/d GB 8978-1996

1 t/a 10m³/d

PVC

1 1 PVC

4 30m³/d / -X

99.9%

0.1%

5000m³

2 35t/h 70t/h

65t/h

135t/h

60.94t/h

70t/h

3.1-2

“ + ” “
60m
”

3.2.1

2

8600 155

1.80%

2012 12

2018 1

80

300 3 8

3.2.2

23°19′23.98″N 110°4′8.74″E 190m

200m 750m

1

2

3.2.3

3.2-1 2000m^2 11296m^2

3.2-2 3.2-3

			t/a	
2	1		15000	10000
	2		5000	5000

		12×36×2=864	2		
2		48×20×3+20×12=3120	3		4
3		40×10×3+10×12=1320	3		
4		41×30=1230	1		
5		8×5=40	1		
6	1#	48×20×3+20×12=3120	3		4
7	2#	40×10×3+10×12=1320	3		
8		16×12=192	1		
9		4.5×12=54	1		
10		3×4×3=36	1		
		11296			

3.2.4

1

4130 / 6300KVA 1

2×3150kVA 15km

35kV 2 3000kW 6.3kV

3253 kW

2

28m^3/h

1260m^3/h + 463.32m^3/h

1

3

PVC-U

10m^3/d

4

2 35t/h 70t/h

+ 65t/h

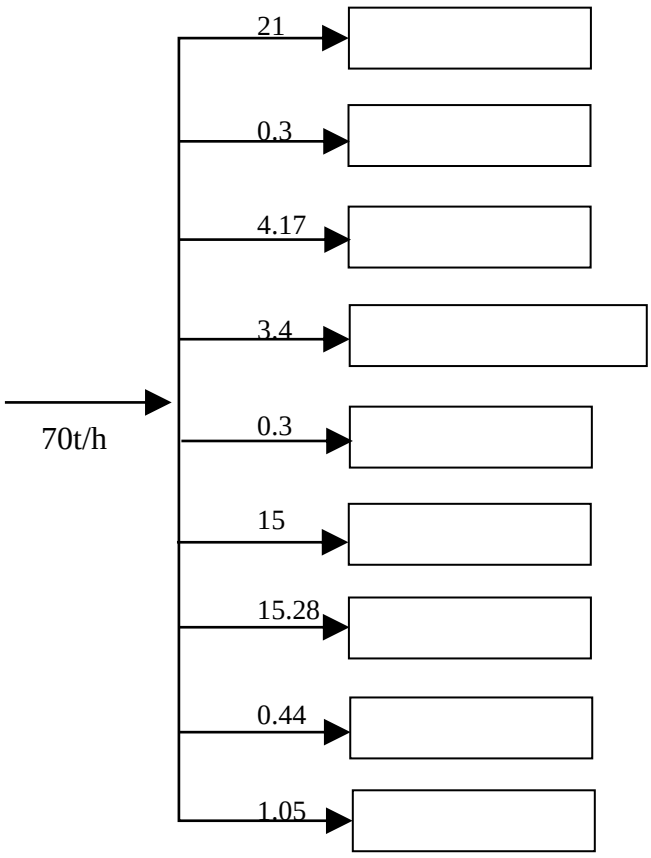
135t/h

65.94t/h

70t/h 4.06t/h

3.2-4 3.2-1

1		29	21
2		0.3	0.3
3		3.4	3.4
4		0.3	0.3
5		33.9	20
6		4.2	4.17
7		15.28	15.28
8	5000 2500	1.5	1.49
		87.88	65.94



3.2.5

3.2-5 3.2-2

		/		
1		1.7	24650	
2		0.32	4800	
2		0.4	2000	
3		0.00255	30	
4		0.0017	34	

3.2.6

3.2-6

m^3/a m^3/a

4.1-1

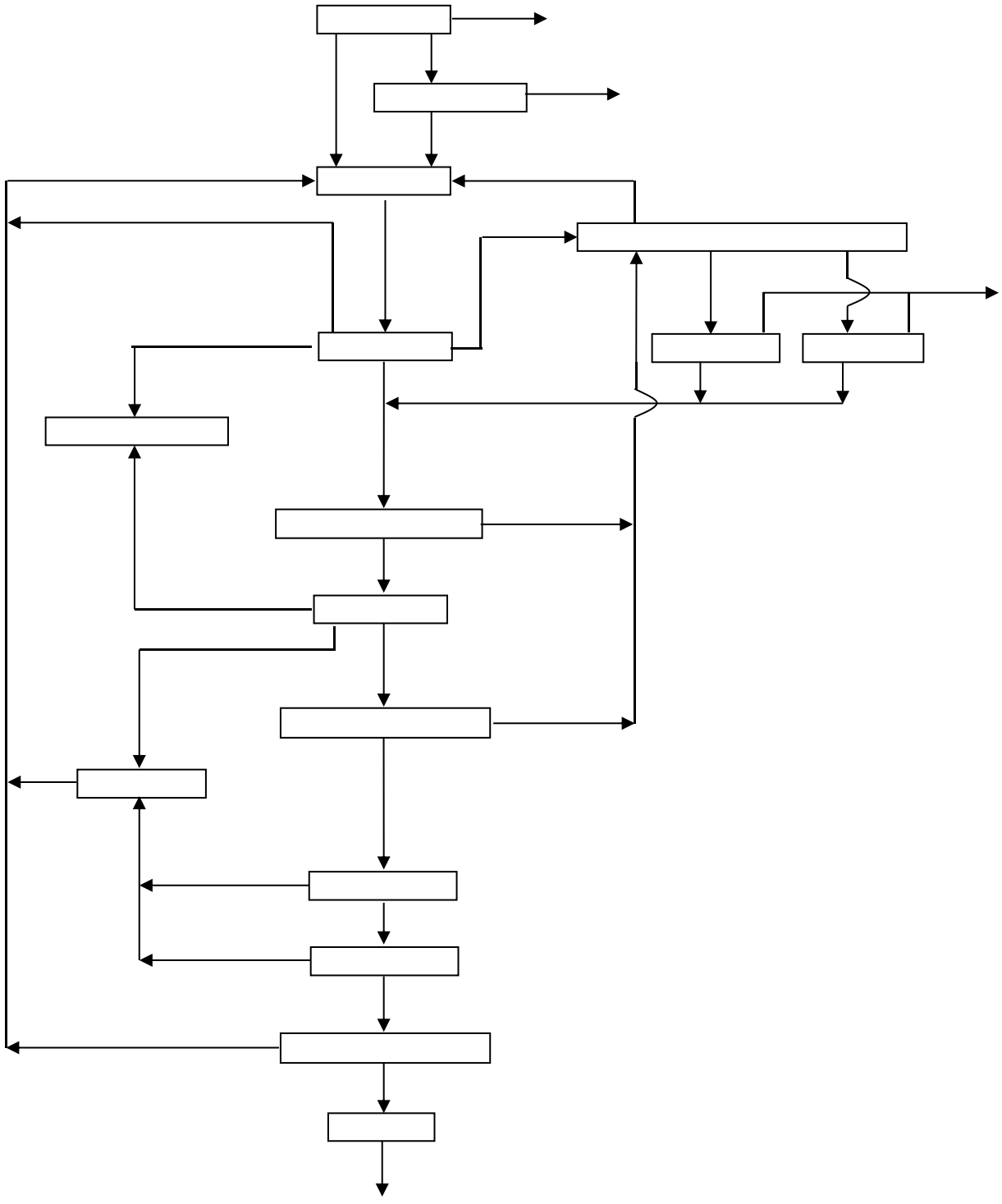
$10m^3/d$

4.1-2

“ + ” “ ”

60m 4.1-3

25m 4.1-4



$11210m^3$

24

$11210m^3$

“ ”

2018 11 15 3

pH

4.2-1

	COD		QZ5000	

	pH	( )	PC-3030A	
			WL-1A1	
			LFNH-DW2001	
			TP-2000 TP	
			TPN-2000(TN)	
	NOX		OMA-2000	
			LDM-100	
			TPF-100/PT1	
			IPC-810	

8600 155 1.8%

4.3-1

1		20
2		30
3		25
4		30
5		10
6		40
		155

2012 10

5.1.1.1

4 1

GB3095-1996 1 0.033mg/m^3

2# 13.8% 0.016mg/m^3

2# 13.3%

4 1 GB 3095-1996

1 0.013mg/m^3

1# 2.6% 0.007mg/m^3 1#

5.8%

4 GB3095-1996

0.213mg/m^3 1#

71%

3

GB3095-1996

5.1.1.2

3 1$^{\#}$ 3$^{\#}$ SL63-94

1.03 1.10

3

GB3838-2002

5.1.1.3

GB3096-2008 2

5.1.2.1

2005 6

2009 3 18 5

10

5.1.2.2

5 6 10

5 6

10

5.1.2.3

SO_2 CO_2 H_2O

5.1

5.1.3.1

SO_2 SO_2

0.03395 mg/m^3 319m 6.79%

0.008242 mg/m^3 319m 0.9157%

SO_2 0.08497mg/m^3

319 m 16.994% 0.4116 mg/m^3 319 m 45.73333%

SO_2

5.1.3.2

CODcr BOD_5 III

90%

BOD_5 III CODcr

CODcr 100m 2300m

236 m^3/s 908 m^3/s

5.1.3.3

60 95dB(A)

5.1.3.4

1

2

5.1.4.1

+

98% 60%

0.64% SO_2

GB13271-2001 II 60 2

CO_2

H_2O

5.1.4.2

5.1.4.3

5.1.4.4

2005 29 “

”

CODcr 0.63 t/a SO_2 45.29t/a

“ ”

155 1.80

GB

3095-2002 II GB 3939-2008 2

GB 12523-90

15t/h + +

GB

13271-2001 II

GB 16297-1996

GB 14554-93

“ ”

GB 8978-1996

GB 12348-2008

2

GB

18599-2001

45.29 133.48 0.63

2

[2011]84 / 5.3-1 5.3-2

1	+ GB 13271-2001 60m	“ + + ” 60m GB 13271-2001 II
2		GB 8978-1996
3		
4	GB 12348-90	GB 12348-2008 3
5		
6		

1	GB 12523-90	
2	15t/h + + GB 13271-2001 II GB 16297-1996 GB 14554-93	15t/h 2 35t/h 2 + + GB 13271-2001 II GB 16297-1996 GB 14554-93
3	“ ”	

	GB 8978-1996	GB 8978-1996
4	GB 12348-2008 2	GB 12348-2008 3
5	GB 18599-2001	GB 18599-2001
6	“ ” “ ” “ ” “ ”	
7		
8	644.26 45.29 133.48 0.63	17.8t/a 0.16t/a

2

“ [2011]84

” 2

6.1.1

GB 3095-2012

TVOC GB/T 18883-2002 6.1-1

1		24	150	μg/m^3	GB 3095-2012
		1	500		
2		24	80		
		1	200		
3	PM10	24	150		
4		1	0.6	mg/m^3	
5	TVOC	8	0.6	mg/m^3	GB/T 18883-2002

6.1.2

GB 3838-2002

6.1-2

1		/
2	pH	6~9
3		≤20mg/L
4		≤4mg/L
5		≤1.0mg/L
6		/
7		≥5.0mg/L
8		≤0.05mg/L
9		≤0.2mg/L

6.1.3

GB/T 14848-2017

6.1-3

1	pH	6.5~8.5
2		≤3.0mg/L
3		≤0.5mg/L
4		≤20mg/L
5		≤1.0mg/L
6		≤0.002mg/L
7		≤450mg/L
8		≤3.0 /L
9		≤100 /mL
10	K^+	/
11	Na^+	/
12	Ca^{2+}	/
13	Mg^{2+}	/

14	S^{2-}	
16	Cl	≤250mg/L
17	$SO4^{2-}$	≤250mg/L

6.1.4

3 65dB A

55dB A

6.2

6.2.1

+ +

GB 13271-2001

GB 13271-2014 1 6.2-1

(GB 16297-1996 6.2-2

		mg/m³	mg/m³
1		250	80
2		900	500
3		/	400

kg/h

		mg/m³	20m	30m	25m
1	η ı	120	5.9	23	14./ 03

6.2.2

GB 3095-2012

TVOC GB/T 18883-2002 6.2-3

GB

14554-93 6.2-4

		1	1.0	mg/m^3	(GB 16297-1996
2		1	0.6	mg/m^3	
3	TVOC	8	0.6	mg/m^3	GB/T 18883-2002

		0.06	mg/m^3	GB 14554-93
2		1.5	mg/m^3	
3		20		

GB 12348-2008 3

65dB A 55dB A

GB

18599-2001 GB

18597-2001

					20180001
2018				137.45t/a	13.66t/a
537.34t/a	283.56t/a				
					644.26
45.29	133.48	0.63			

7.1-1

	W2	pH	2 4

7.1.2.1

7.1-2

7.1-

	1#	3	2 3
	2#	3	
	3#	3	

7.1.2.2

7.1-3

	G1	4	2 4 2 2
	G2		
	G3		
	G4		
	G1	3	2 4
	G2		
	G3		
	G4		

7.1-4

7.1-

	N1 N2 N3 N4	A LeqA	2 1

7.2-1

	A1	PM_{10}	2 1
	A2		
	A3		
	1# 500	pH 9	3 1
	2# 100		
	3# 1000		
	1#	pH 17	3 1
	2#		
	3#		
	5#		

8.1-1

1				HJ/T 91-2002 HJ 493-2009	
2	pH	pH		GB/T 6920-86	/
3			GB/T 13195-91		/
4				HJ 828-2017	4mg/L
5			BOD_5 HJ 505-2009		0.5mg/L
6				HJ 535-2009	0.025mg/L
7				GB/T 11901-89	4mg/L
8				GB/T 7489-1987	0.2mg/L
9			HJ 637-2012		0.01mg/L
10				GB/T 11893-89	0.01mg/L
11				GB/T 11892-89	0.1mg/L
12		SO_4^{2-}	F^- Cl^- NO_2^- Br^- NO_3^- PO_4^{3-} SO_3^{2-} HJ 84-2016		0.004mg/L
13			F^- Cl^- NO_2^- Br^- NO_3^-		

18		GB/T 11904-89	0.03mg/L
19		GB/T 11904-89	0.010mg/L
20		GB/T 11905-1989	0.02mg/L
21		GB/T 11905-1989	0.002mg/L
22		2002)	/
23		2002)	/
24		F^- Cl^- NO_2^- Br^- NO_3^- PO_4^{3-} SO_3^{2-} SO_4^{2-} HJ/T 84-2016	0.007mg/L
25		F^- Cl^- NO_2^- Br^- NO_3^- PO_4^{3-} SO_3^{2-} SO_4^{2-} HJ 84-2016	0.018mg/L
1		GB/T16157-1996 HJ/T 397-2007	
2		GB/T 16157-1996	0.4mg/m^3
3		C TVOC / GB/T 18883-2002	0.1μg/m^3
4		/ HJ 584-2010	1.5×10^{-3} mg/m^3
1		HJ/T 55-2000	
2		GB/T 15432-1995	0.001mg/m^3
3		C TVOC / GB/T 18883-2002	0.1μg/m^3
4		/ HJ 584-2010	1.5×10^{-3} mg/m^3
5		GB/T 14675-93	10

1		GB 13096-2008	(30.0~130) dB(A)
2		GB 12348-2008	(30.0~130) dB(A)
1		HJ 194-2017 GB 3095-2012	
2	PM_{10}	PM_{10} $PM_{2.5}$ HJ 618 -2011	0.001mg/m^3
3		- HJ 482-2009	0.007mg/m^3 0.004mg/m^3
4		HJ 479-2009	0.005mg/m^3 0.003mg/m^3
5		C TVOC / GB/T 18883-2002	0.1μg/m^3
6		GB/T 14675-93	10

8.2-1

1	24	2021-S	GLSDYQ01
2	24	2021-S	GLSDYQ02
3	24	2021-S	GLSDYQ03
4	/ TSP	2050	GLSDYQ04
5	/ TSP	2050	GLSDYQ05
6	/ TSP	2050	GLSDYQ06
7	/ TSP	2050	GLSDYQ07
8	/ TSP	2050	GLSDYQ08
9		3012H	GLSDYQ09

GB 12348-2008

2018 8 10 ~2018 08 11 2

2018 11 5 ~2018 11 6

9.1-1

9.1-2

1		75.74t	71.27t	92.08t	88.15t
2		18.2t	17.55t	17.68t	12.24t
3		166.1t	167.3t	127.4t	137.5t
4		28.61t	32.46t	21.29t	20.06t
5		11.6t	13.2t	8.68t	8.18t
6		0.056t	0.077t	0.049t	0.046t
7		59749t	62933t	79879	78226
1		38.69t	37.33t	42.51t	41.70t
2		26.7t	25.07t	28.014t	26.39t

2018.08.10		33.33	26.7	80.1
2018.08.11			25.07	75.2
2018.11.05			28.014	84.1
2018.11.06			26.39	79.2

9.2.1.1

GB 8978-1996

9.2.1.2

1#

GB 13271-2001

GB 13271-2014

2# 3#

(GB 16297-1996

GB/T

18883-2002 (GB 16297-1996

GB 14554-93

9.2.1.3

GB 12348-2008 3

2018 8 10 ~11 9.2-1 2018

11 5 ~6 9.2-2

pH	2018.08.10	7.55	7.56	7.54	7.58	7.54~7.58	6~9	
	2018.08.11	7.51	7.52	7.56	7.57	7.54		
mg/L	2018.08.10	15	14	14	13	14	70	
	2018.08.11	14	13	15	14	14		
mg/L	2018.08.10	37	35	38	36	37	100	
	2018.08.11	36	34	35	34	35		
mg/L	2018.08.10	12.2	11.6	12.6	12.0	12.1	30	
	2018.08.11	11.6	10.5	10.6	11.0	10.9		
mg/L	2018.08.10	0.761	0.749	0.755	0.746	0.753	15	
	2018.08.11	0.777	0.764	0.771	0.774	0.772		
mg/L	2018.08.10	4.37	4.35	4.28	4.32	4.33	0.5	
	2018.08.11	4.19	4.17	4.21	4.13	4.18		
mg/L	2018.08.10	0.008	0.010	0.008	0.010	0.009	1.0	
	2018.08.11	0.010	0.011	0.010	0.011	0.011		
mg/L	2018.08.10	0.002	0.002	0.002	0.002	0.002	0.5	
	2018.08.11	0.002	0.002	0.002	0.002	0.002		
	2018.08.10	32	32	32	32	32	50	
	2018.08.11	32	32	32	32	32		
mg/L	2018.08.10	ND	ND	ND	ND	ND	/	/
	2018.08.11	ND	ND	ND	ND	ND		/

mg/L	2018.11.05	0.32	0.38	0.35	0.41	0.37	0.5	
	2018.11.06	0.34	0.42	0.36	0.30	0.36		

1

1# 9.2-3 1#

2# 9.2-4 2#

3# 9.2-5 3#

		1#				m			60			
		+		+		%			85			
		2018.08.10				2018.08.11						
		1	2	3		1	2	3				
	m^3/h	92486	91043	93420	92316	62135	60340	59980	60818	/	/	/	/
	%	14.6	14.6	14.6	14.6	13.8	13.5	14.2	13.8	/	/	/	/
	mg/m^3	36.0	33.6	40.5	36.7	36.6	38.5	39.1	38.1	/	/	/	/
	mg/m^3	67.5	63.0	75.9	68.8	61.0	61.6	69.0	63.9	250		80	
	kg/h	3.33	3.06	3.78	3.39	2.27	2.32	2.35	2.32	/	/	/	/
	mg/m^3	83	86	88	86	81	86	91	86	/	/	/	/
	mg/m^3	156	161	165	161	135	138	161	145	900		550	
	kg/h	7.68	7.83	8.22	7.94	5.03	5.19	5.46	5.23	/	/	/	/

		1#				m			60			
		+		+		%			85			
		2018.08.10				2018.08.11						
		1	2	3		1	2	3				
	m^3/h	92486	91043	93420	92316	62135	60340	59980	60818	/	/	/	/
	%	14.6	14.6	14.6	14.6	13.8	13.5	14.2	13.8	/	/	/	/
	mg/m^3	162	173	168	168	176	183	192	184	/	/	/	/
	mg/m^3	304	324	315	315	293	293	339	307	/	/	400	
	kg/h	14.98	15.75	15.69	15.51	10.94	11.04	11.52	11.19	/	/	/	/
	mg/m^3	162	134	93	130	157	121	169	149	/	/	/	/
	mg/m^3	303.8	251.3	174.4	243.1	261.7	193.6	298.2	251.2	/	/	/	/
	kg/h	14.98	12.20	8.69	12.00	9.76	7.30	10.14	9.06	/	/	/	/

			1	2	3			
		m^3/h	4698	4879	5194	4924	/	/
		%	4.6	4.9	5.3	4.9	/	/
		mg/m^3	11.5	11.9	13.3	12.2	/	/
		mg/m^3	12.3	12.9	14.8	13.3	$120mg/m^3$	
		kg/h	0.054	0.058	0.069	0.060	14.5kg/h	
2018.08.10		mg/m^3	86	86	86	86	/	/
		mg/m^3	92	93	96	93	$550mg/m^3$	
		kg/h	0.40	0.42	0.45	0.42	9.7kg/h	
		mg/m^3	208	215	198	207	/	/
		mg/m^3	222	234	221	225	$240mg/m^3$	
		kg/h	0.98	1.05	1.03	1.02	2.9kg/h	
		m^3/h	5290	5566	5872	5576	/	/
		%	6.3	5.8	5.2	5.8	/	/
		mg/m^3	13.1	17.3	16.4	15.6	/	/
		mg/m^3	15.6	19.9	18.2	18.0	$120mg/m^3$	
		mg						
2018.08.11								

			1	2	3			
		m^3/h	3890	4125	3960	3992	/	/
		%	5.6	6.3	4.8	5.6	/	/
		mg/m^3	12	13.9	18.4	14.8	/	/
		mg/m^3	13.6	16.5	19.9	16.8	$120mg/m^3$	
		kg/h	0.047	0.057	0.073	0.059	14.5kg/h	
2018.08.10		mg/m^3	86	78	71	78	/	/
		mg/m^3	98	93	77	89	$550mg/m^3$	
		kg/h	0.33	0.32	0.28	0.31	9.7kg/h	
		mg/m^3	196	185	201	194	/	/
		mg/m^3	223	220	217	220	$240mg/m^3$	
		kg/h	0.76	0.76	0.80			

2

5000 2500

5000 2500

( ) [2018] 0832

9.2-6

9.2-7

2018.08.10	G1	08:00	1.7	0.112	ND	<10
		14:00	2.1	0.115	ND	<10
		20:00	1.5	0.131	ND	/
		02:00	1.3	0.130	ND	/
	G2	08:00	4.0	0.168	ND	<10
		14:00	3.4	0.182	ND	<10
		20:00	3.7	0.169	ND	/
		02:00	3.3	0.186	ND	/
	G3	08:00	7.0	0.206	ND	<10
		14:00	7.3	0.211	ND	<10
		20:00	7.3	0.225	ND	/
		02:00	6.3	0.223	ND	/
	G4	08:00	10.5	0.168	ND	<10
		14:00	9.8	0.172	ND	<10
		20:00	10.1	0.188	ND	/
		02:00	8.7	0.186	ND	/
			10.5(μg/m^3)	0.225	ND	<10
			0.6(mg/m^3)	1.0(mg/m^3)	0.6(mg/m^3)	20

2018.08.11	G1	08:00	1.7	0.112	ND	<10
		14:00	1.7	0.133	ND	<10
		20:00	1.6	0.131	ND	/
		02:00	1.5	0.111	ND	/
	G2	08:00	3.9	0.187	ND	<10
		14:00	3.6	0.152	ND	<10
		20:00	3.2	0.188	ND	/
		02:00	2.9	0.167	ND	/
	G3	08:00	6.9	0.225	ND	<10
		14:00	7.1	0.228	ND	<10
		20:00	5.7	0.207	ND	/
		02:00	6.2	0.204	ND	/
	G4	08:00	9.8	0.169	ND	<10
		14:00	9.0	0.190	ND	<10
		20:00	8.5	0.207	ND	/
		02:00	9.0	0.167	ND	/
			9.8(μg/m^3)	0.228	ND	<10
			0.6(mg/m^3)	1.0(mg/m^3)	0.6(mg/m^3)	20

		08:00	0.001	0.30	<10
	G1	14:00	0.002	0.33	<10
		20:00	0.001	0.31	<10
		02:00	0.001	0.29	<10
		08:00	0.003	0.37	<10
	G2	14:00	0.005	0.40	<10
		20:00	0.004	0.38	<10
		02:00	0.004	0.36	<10
		08:00	0.005	0.39	<10
2018.08.10	G3	14:00	0.007	0.42	<10
		20:00	0.006	0.39	<10
		02:00	0.004	0.38	<10
		08:00	0.007	0.38	<10
	G4	14:00	0.009	0.41	<10
		20:00	0.007	0.39	<10
		02:00	0.006	0.37	<10
			0.009	0.42	<10
			0.06	1.5	20
		08:00	0.002	0.31	<10
	G1	14:00	0.003	0.34	<10
		20:00	0.002	0.32	<10
		02:00	0.001	0.30	<10
		08:00	0.003	0.36	<10
	G2	14:00	0.007	0.38	<10
		20:00	0.006	0.36	<10
		02:00	0.004	0.35	<10
		08:00	0.006	0.38	
2018.08.11	G3				

9.2-8

	dB(A)			
	2018.08.10		2018.08.11	
1#	57.5	53.2	58.5	53.0
2#	51.7	46.2	54.6	51.8
3#	57.9	47.6	57.5	45.3
4#	61.7	49.7	61.3	48.4
	65	55	65	55

1

9.2-2

6.59kg/h 2.89kg/h 13.35kg/h

2 35t/h 60.94t/h 87%

54.54t/a 110.48t/a,

23.91t/a

15.28t/h 25.1%

11.9t/a 24.1t/a, 5.22t/a

9.2-3 9.2-4 2

0.45kg/h 0.37kg/h 0.074kg/h 0.067kg/h

1.03kg/h 0.88kg/h 2

3.24t/a 2.66t/a 7.42t/a 6.34t/a

0.53t/a 0.48t/a

5000 2500

( ) [2018] 040

1.49t/h 2.45%

1.16t/a 2.35t/a 0.51t/a

1

[2016]0885 5000

2500

126.23t/a

118.83t/a

2

1

2016 0885

5000 2500

827905.01m^3/a

57.41t/a 0.58t/a

7661.57m^3/a 9.2-1 36mg/L

0.763mg/L 0.28t/a

0.0058t/a

5000 2500

( ) [2018] 040

7767.7m^3/a 0.28t/a

0.0059t/a

9.2-9

t/a

h							+		
					+				
7200			45.29	114.23	1.16	11.9	127.29	/	/
			0.132	12	/	5.9	17.9	/	/
			45.422	126.23	18.96	14.8	145.19	537.34	
7200			/	91.23	2.35	24.1	117.68	/	/
			/	27.6	/	13.76	41.36	/	/
			/	118.83	40.21	37.86	159.04	283.56	
7200			/	57.41	0.28	0.18	57.87	137.45	
7200			/	0.58	0.0059	0.0040	0.5899	13.66	

1. 300 24h

2. 5000 2500

2 “

” 3

5000 2500

5000

2500 ( ) [2018]

0832

9.3-1 9.3-2

9.3-3

A1	2018.08.10	08:00	8	9	ND	3	47	2.2	10
		14:00	10		6			/	/
		20:00	12		5			/	/
		02:00	10		ND			/	/
	2018.08.11	08:00	8	8	ND	4	40	2.4	10
		14:00	8		5			/	/
		20:00	10		ND			/	/
		02:00	10		ND			/	/
A2	2018.08.10	08:00	12	12	ND	4	40	3.1	10
		14:00	13		7			/	/
		20:00	15		5			/	/
		02:00	12		ND			/	/
		08:00	10	13	ND	4	53	3.4	10
		14:00	13		6			/	/
		20:00	15		5			/	/
		02:00	12		ND			/	/
A3	2018.08.10	08:00	12	12	ND	5	55	3.7	10
		14:00	10		8			/	/
		20:00	13		5			/	/
		02:00	15		ND			/	/
	2018.08.11	08:00	10	13	ND	4	52	3.3	10
		14:00	10		7			/	/
		20:00	15		5			/	/
		02:00	12		3			/	/

A1

		S	1.4	25.3	99.48	60	
	2018.08.10	S	1.3	27.0	99.36	58	
		S	1.2	33.7	99.13	51	
		S	1.5	27.9	99.31	54	
		S	1.4	25.5	99.45	59	
	2018.08.11	S	1.1	26.9	99.37	58	
		S	1.3	33.9	99.11	50	
		S	1.6	27.8	99.32	54	
		S	1.4	25.3	99.48	60	
	2018.08.10	S	1.3	27.0	99.36	58	
		S	1.2	33.7	99.13	51	
		S	1.5	27.9	99.31	54	
		S	1.4	25.5	99.45	59	
	2018.08.11	S	1.1	26.9	99.37	58	
		S	1.3	33.9	99.11	50	
		S	1.6	27.8	99.32	54	
		S	1.4	25.3	99.48	60	

9.3-4

B1 500	2018.08.10	6.43	25.6	4	6	ND	0.183	7.6	ND	0.07
	2018.08.11	6.43	25.8	5	5	ND	0.186	7.5	ND	0.06
	2018.08.12	6.45	25.7	4	7	ND	0.177	7.7	ND	0.06
		6.43~6.45	/	4~5	5~7	ND	0.177~0.183	7.5~7.7	ND	0.06~0.07
		6~9	/	/	≤20(mg/L)	≤4(mg/L)	≤1.0(mg/L)	≥5.0(mg/L)	≤0.05(mg/L)	≤0.2(mg/L)
B2 100	2018.08.10	6.53	25.8	5	8	ND	0.146	7.4	ND	0.07
	2018.08.11	6.57	25.8	4	7	ND	0.149	7.3	ND	0.06
	2018.08.12	6.58	25.8	5	7	ND	0.152	7.5	ND	0.07
		6.53~6.58	/	4~5	7~8	ND	0.146~0.152	7.3~7.5	ND	0.06~0.07
		6~9	/	/	≤20(mg/L)	≤4(mg/L)	≤1.0(mg/L)	≥5.0(mg/L)	≤0.05(mg/L)	≤0.2(mg/L)
B3 1000	2018.08.10	6.47	25.9	6	5	ND	0.175	7.2	ND	0.06
	2018.08.11	6.45	25.8	5	5	ND	0.178	7.3	ND	0.05
	2018.08.12	6.41	25.9	6	5	ND	0.184	7.6	ND	0.05
		6.41~6.47	/	5~6	5	ND	0.175~0.184	7.2~.6	ND	0.05~0.06
		6~9	/	/	≤20(mg/L)	≤4(mg/L)	≤1.0(mg/L)	≥5.0(mg/L)	≤0.05(mg/L)	≤0.2(mg/L)

9.3-5

X1	2018.08.10	6.52	1.2	0.403	0.956	0.288	0.0017	384	51.2	77.2
	2018.08.11	6.53	1.1	0.406	0.904	0.288	0.0015	378	51.6	77.9
	2018.08.12	6.57	1.2	0.409	0.937	0.296	0.0015	382	51.6	77.9
		6.52~6.57	1.1~1.2	0.403~0.409	0.904~0.956	0.288~0.296	0.0015~0.0017	378~384	51.2~51.6	77.2~77.9
		6.5~8.5	≤3.0mg/L	≤0.5mg/L	≤20mg/L	≤1.0mg/L	≤0.002mg/L	≤450mg/L	≤250mg/L	≤250mg/L
X2	2018.08.10	6.88	1.5	0.269	5.86	ND	0.0015	177	15.8	44.4
	2018.08.11	6.84	1.4	0.272	5.85	ND	0.0015	174	15.0	44.5
	2018.08.12	6.82	1.5	0.275	5.86	ND	0.0017	180	15.8	44.8
		6.82~6.88	1.4~1.5	0.269~0.275	5.85~5.86	ND	0.0015~0.0017	174~180	15.0~15.8	44.4~44.8
		6.5~8.5	≤3.0mg/L	≤0.5mg/L	≤20mg/L	≤1.0mg/L	≤0.002mg/L	≤450mg/L	≤250mg/L	≤250mg/L

X3	2018.08.10	6.57	1.7	0.460	ND	ND	0.0017	322	35.7	650
	2018.08.11	6.55	1.8	0.466	ND	ND	0.0015	324	35.8	652
	2018.08.12	6.57	1.7	0.463	ND	ND	0.0015	319	33.6	649
		6.55~6.57	1.7~1.8	0.460~0.466	ND	ND	0.0015~0.0017	319~324	35.6~35.8	649~652
		6.5~8.5	≤3.0mg/L	≤0.5mg/L	≤20mg/L	≤1.0mg/L	≤0.002mg/L	≤450mg/L	≤250mg/L	≤250mg/L
X4	2018.08.10	6.18	1.3	0.100	9.03	ND	0.0017	131	30.3	334
	2018.08.11	6.21	1.3	0.103	9.00	ND	0.0017	134	30.3	333
	2018.08.12	6.23	1.4	0.106	9.02	ND	0.0015	130	30.3	334
		6.18~6.23	1.3~1.4	0.100~0.106	9.00~9.03	ND	0.0015~0.0017	130~134	30.3	333~334
		6.5~8.5	≤3.0mg/L	≤0.5mg/L	≤20mg/L	≤1.0mg/L	≤0.002mg/L	≤450mg/L	≤250mg/L	≤250mg/L

X1	2018.08.10	16.8	16.3	132	9.22	0	2.23	2	28
	2018.08.11	16.6	16.4	130	9.18	0	2.21	<2	34
	2018.08.12	16.6	16.1	127	9.38	0	2.23	2	38
		16.6~16.8	16.1~16.4	127~132	9.18~9.38	0	2.21~2.23	2	28~38
		/	/	/	/	/	/	≤3.0 /L	≤100 /mL
X2	2018.08.10	2.87	7.14	108	3.48	0	2.24	2	32
	2018.08.11	2.83	7.16	107	3.57	0	2.18	2	32
	2018.08.12	2.99	7.30	116	3.40	0	2.22	<2	32
		16.6~16.8	16.1~16.4	127~132	9.18~9.38	0	2.21~2.23	2	28~38
		/	/	/	/	/	/	≤3.0 /L	≤100 /mL

X3	2018.08.10	3.16	13.3	52.7	10.6	0	1.91	<2	25
	2018.08.11	3.12	13.3	52.2	10.7	0	1.97	2	28
	2018.08.12	3.37	13.1	50.4	10.5	0	1.88	<2	25
		16.6~16.8	16.1~16.4	127~132	9.18~9.38	0	2.21~2.23	2	28~38
		/	/	/	/	/	/	≤3.0 /L	≤100 /mL
X4	2018.08.10	12.4	14.5	88.4	3.82	0	2.46	2	27
	2018.08.11	12.3	14.5	87.5	3.82	0	1.49	<2	38
	2018.08.12	12.1	14.4	86.2	3.74	0	2.50	2	33
		16.6~16.8	16.1~16.4	127~132	9.18~9.38	0	2.21~2.23	2	28~38
		/	/	/	/	/	/	≤3.0 /L	≤100 /mL
			/	/	/	/			

PM_{10} 1 GB 3095-2012

TVOC GB/T 18883-2002

3

GB 3838-2002

4 X3 X4

GB/T 14848-2017

2

X3 X4

6

1

14.8t/a 37.86t/a 0.18t/a 0.0040t/a

PM_{10} 1

GB 3095-2012 TVOC

GB/T 18883-2002

B1 500 B2 100 B3

1000 3

GB 3838-2002

GB 3838-2002

X1 X2 X3 X4 4

X3 X4

GB/T

14848-2017

2

X3 X4