1 1

3.2-3

2020 *	8703.9	0.696	0.131
	12714	1.017	0.191

SO_2 NO_X HF HCl

( )

(PAHs)

(PCDD) (PCDF)

2021 1 1 -6 30 2021 5

2020 6

2020 142 24h

2021 1 1 -6 30

$1.99\times10^4 m^3/h$

NOx SO_2 CO HCl

30mg/m^3 240mg/m^3 100mg/m^3 100mg/m^3

HF 2021 5

2021 H 05142-4 HF 1.44mg/m^3

3.35×10^{4}m^3/h

2020 6

2020EC060012

2.13×10^{-3}ngTEQ/m^3

3.72×10^{4}m^3/h

Pb Pb 1.9 10^{-4}mg/m^3 2.27 10^{4}m^3/h

As As 1.13 10^{-6}mg/m^3 2.27 10^{4}m^3/h

Cd Cd 9.45 10^{-6}mg/m^3 2.27 10^{4}m^3/h

Hg Hg 1.21 10^{-6}mg/m^3 2.27 10^{4}m^3/h

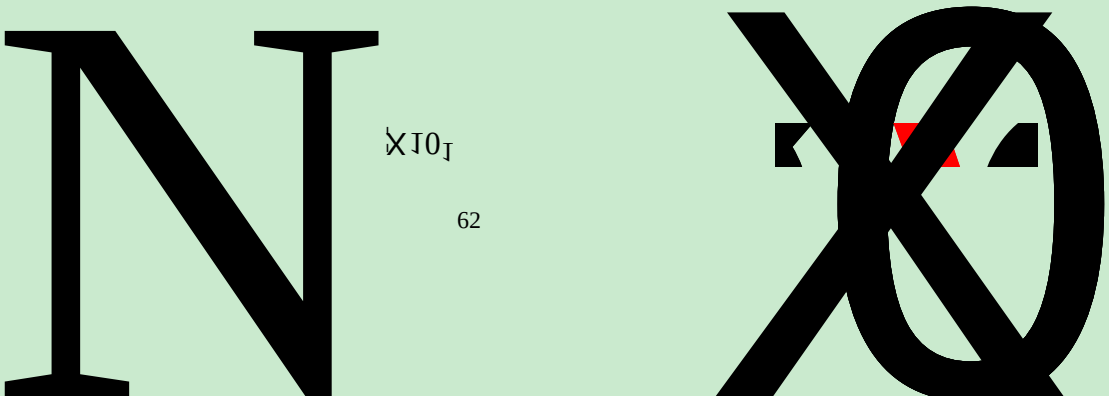
Cr Cr 0.0021mg/m^3 2.27 10^{4}m^3/h

Sn+Sb+Cu+Mn+Ni Sn+Sb+Cu+Mn+Ni 9.00 10^{-4}mg/m^3 2.27 10^{4}m^3/h

3.2-4

			142d	
		kg/h	t/a	t/a
1		0.596	2.03	3.49
2	SO_2	1.987	6.77	11.64
3	NO_X	4.770	16.26	27.93
4	HF	0.0482	0.16	0.28
5	HCl	1.192	4.06	6.98
6				

10	Hg	1.80	10^{-4}	0.61	1.05
11	Cr	1.19	10^{-3}	4.06	6.98
12	Sn+Sb+Cu+Mn+Ni	5.1	10^{-4}	1.74	



NH_3 H_2S

2021 5 2021 H

05142-4 365d 24h/d

H_2S H_2S 0.013mg/m^3 817 6m^3/h H_2S 1.04×10^{-4}kg/h 9.08×10^{-4}t/a

1.5 3000 2020 9056.13 1421.745 2020 58.2% 3.2-9

				2020 (t)	(t)							
1		HW18	772-003-18	1548.09	2659.95						T	
2		HW18	772-003-18	830.66	1427.25						T	
3		HW18	772-003-18	0.17	0.29					10	T	
4		HW49	900-041-49							2	T/In	
5		HW08	900-214-08	0.34	0.58						T I	
6		HW49	900-039-49	9	15.46						T	
7		HW18	772-003-18	651.787	1079.58						T	
8		/	/	3	5.15	/					/	
9		HW49	900-041-49	1.02	2.15						T/In	

3.2-10

		12714	12900	-186
		1.017	1.032	-0.015
		0.191	0.194	-0.003
		8.05	9.10	-1.05
SO_2		11.64	60.67	-49.03
NO_X		27.93	72.81	-44.88
HF		0.55	0.61	-0.06
HCl		13.61	15.17	-1.56
		0.00	0.03	-0.03
Pb	kg/a	1.09	151.7	-150.61
As	kg/a	0.46	15.2	-14.74
Cd	kg/a	0.012	15.2	-15.188
Hg	kg/a	0.36	3.6	-3.24
Cr	kg/a	2.987	607	-589.095
Sn+Sb+Cu+Mn+Ni	kg/a	14.918		
CO		11.64	24.27	-12.63
		4.25	4.55	-0.31
		0.02	0.03	-0.01
		0.58	3.09	-2.51
		0	0	0
		0	0	0
		0	0	0
		0	0	0
		0	0	0
		0	0	0
		0	0	0
		0	0	0

NOx

HCl SO_2

“SNCR + + + + +

+ ” 3.3-1

SNCR NOx

NOx 240mg/m^3

SO_2 HCl

200

50m

2021 1 1 ~6 30

2020 12 17 ~2 26 2021 4 5 ~4 26

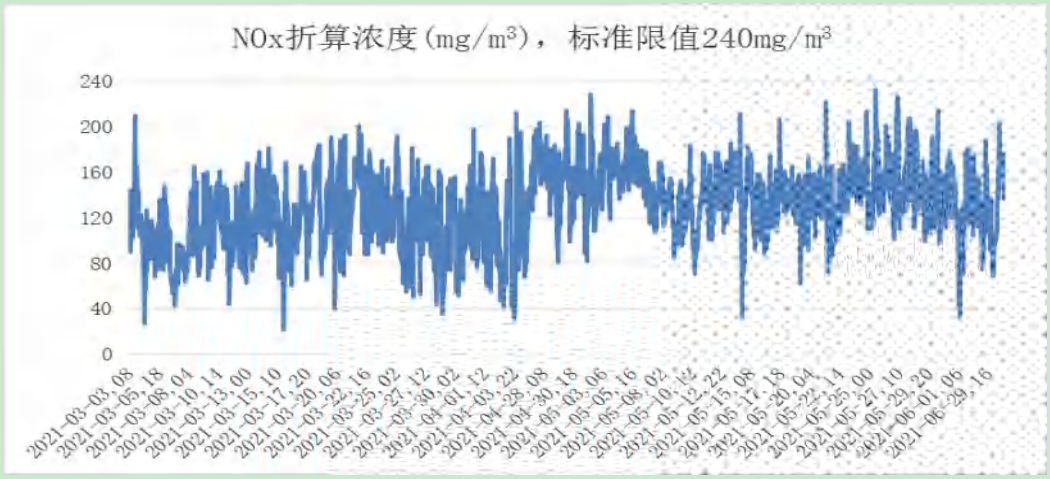
2021 6 3 ~6 28

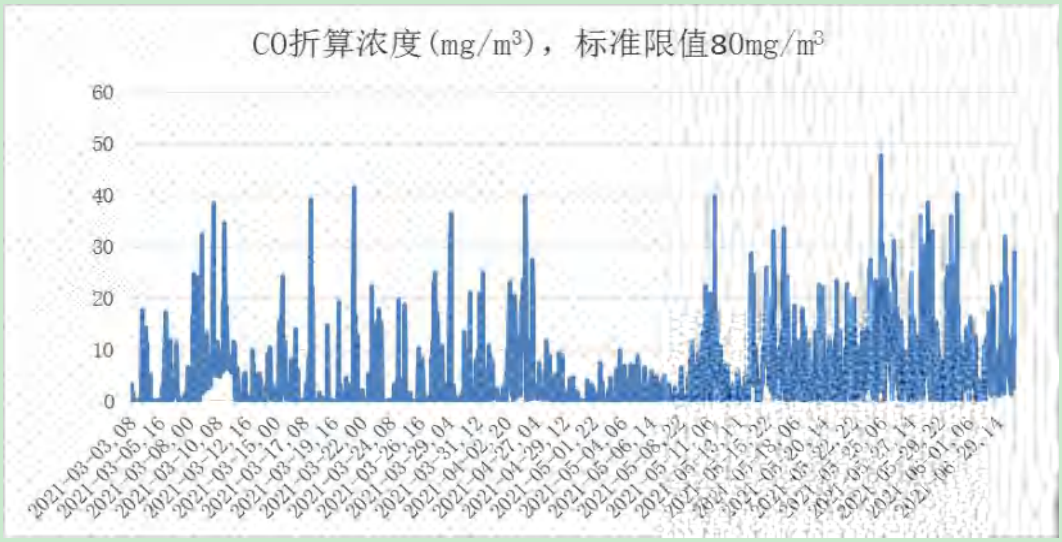
NOx SO_2 CO HCl

3.3-1 3.3-2~3.3-6

	SO_2 (mg/m^3)	NO_X (mg/m^3)	(mg/m^3)	CO (mg/m^3)	HCl (mg/m^3)
	1.818	129.33	2.85	4.435	1.102
	145.1	233	24.4	47.74	2.06
%	0	0	0	0	0
	200	240	65	80	60

GB18484-2001




CO折算浓度(mg/m³)，标准限值80mg/m³
60
50
40
30
20
10
0

2020 6

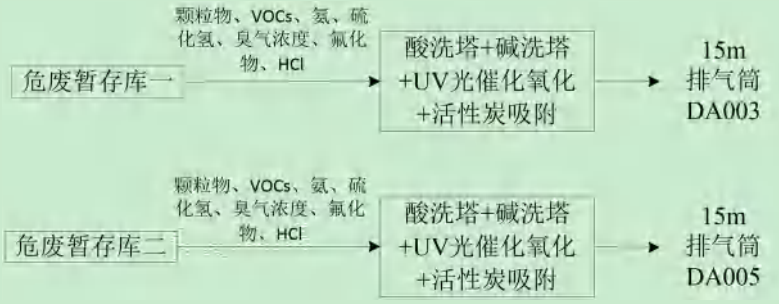
2020H060704

2020EC060012

(μg/m^3) (

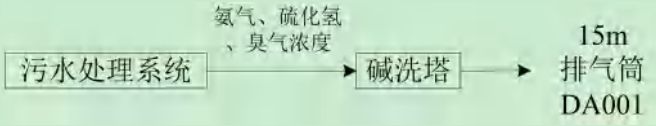
2020 6 18

A2200155595102



“ + NaOH+NaClO ”

15m



2021 5

3.3-5

	(μg/m^3)	(μg/m^3)	
	20	120	
	0.08	/	/
	0.71	/	/
	506	2000	
	0.663	9	
	3.837	120	
	7.963	100	
	20	120	
	0.076	/	/
	0.4	/	/
	505.6	2000	
	0.413	9	
	4.360	120	
	6.870	100	
	20	120	
	0.0157	/	/
	0.183	/	/
	381	2000	
	0.57	9	

	7.97	120	
	5.456	100	
	0.0417	/	/
	0.927	/	/
	677.3	2000	

3.3-5

GB 14554-1993

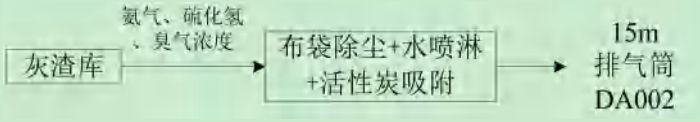
GB 16297-1996

+

“ + ”

15m 7500

0m^3/h



2021 5

2021 H 05142-4 2021 5

3.3-6

	(μg/m^3)	(μg/m^3)	
	20000	120000	
	76.33	/	/
	400	/	/
	505.6	2000	
	413.3	9000	
	4360	120000	
	6870	100000	

3.3-6

GB 14554-1993

GB 16297-1996

1.5

2021 2021

H 05142-4 3.3-7

(mg/m^3)	(mg/m^3)
1.13	4
10	20
0.001	0.06
0.05	0.2
0.5	20
0.326	1.0
0.03	1.5
1.37	4
10	20

0

0

0

0

2

100t/d “ + ” 50t/d “

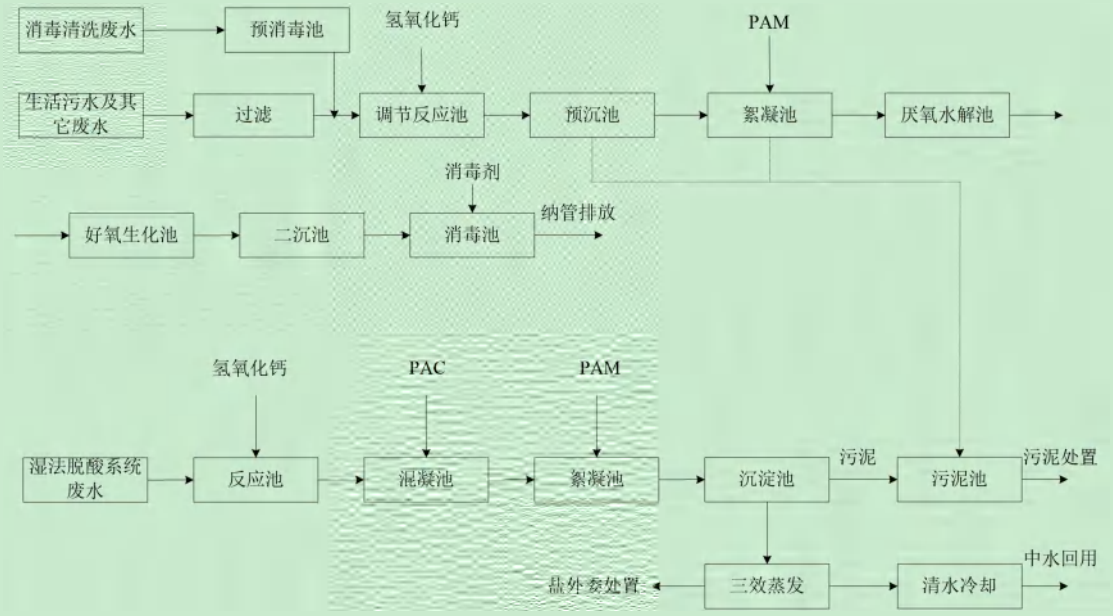
+ ” 50t/d

“ + ”

“ +

”

3.3-11



COD

COD

2			HW18	772-003-18		30m^2		20t	1

3.3-12

			2020 t/a		
1			1548.09		
2			830.63		
3			0.17		
4			663.94		
5			0		
6			0.34		
7			9		
8			3		

12

1

2

3

2019 6

10 33068220

19025 11

4

1000m^3

500m^3

3.4-1