/

4104600

677 4015

1

2

3

4

5

6

7

1

2

3

1

2019 8

2020

2020 3 21

[2020]14

2020 12

“ ”

2020 6 2023 12

2024 1 2024 4

(1# 2# 3#)

“ ”

2024 7

2024 8

22 [2024]114 2 2024 9

2024 12 3 [2024]149

2025 2 2025 3 2025 4 21 2025 4 28

2025 3 “ ” 2025 8 11 3 91430100MA40N6301C001V 682 [2017]4 “ ” 2025 4 25 ~4 26 9 3 ~9 4

4

2

2.1

1 2014 4 24 2015 1 1

2 2017 6 27

2018
1 1
3 2018 10
26

4 2018 12
29
2019 1 1
5 2020 4
29
2020 9 1
6 2018 8 31
2019
1 1
7 2016 7 2

8 2017 6 21
177 2017 10 1
9
[2017]4 2017 11 20
10
[2015]113
11
2020 688
12 (
[1996]470)

2.2

1

2018 9 2018 5 15

2 GB8978-1996 “

1999 285 ”

3 GB/T31962-2015

4 GB13271-2014

5 GB12348-2008

6

2019

7

GB18599-2020

2.3

1

2024 7

2

[2024]114 2024

8 22

2.4

1

3

3.1

3.1.1

112 48 29.32 28 12 8.5

1

500m

50

500

3.1.2

2 1.4MW

2

3.2

2

1.4MW

3.2-1 3.2-3

3.2-1

	2 1.4MW		2 1.4MW

	50	10	20%	
	50	8.5	17%	
			2 8 150	
	2024 9			
		2024 8 22		[2024]114

3.2-2

3.3

3.3-1

		t/a	t/a	
1		60.6	60.6	
2		76.8 m^3	76.8 m^3	

3.4

3.4-1

3.4-1

	2	2	CWNS1.4-85/65-Y.Q	

3.5

3.5.1

2 1.4MW 2400h

15m^3

2%

0.6m^3/a

60m^3

60.6m^3/a

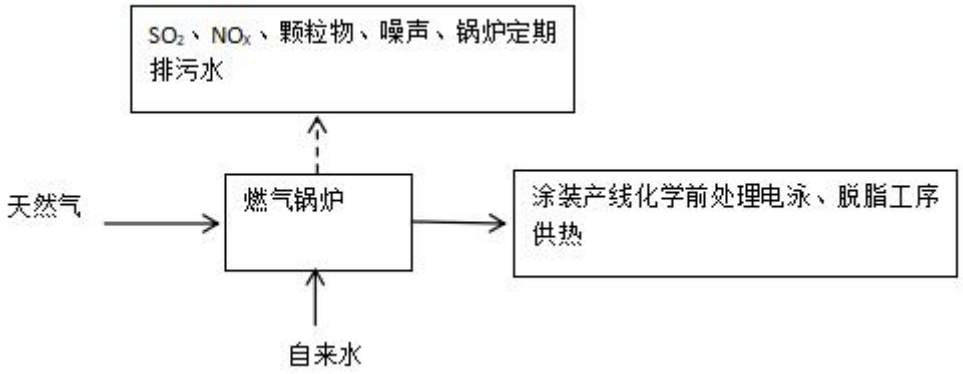
“ ”

60m^3/a

3.5.2

3.5-1

3.6



3.6-1

1.4MW

85℃

3.7

3.7-1

3.7-1

		/
		/
		/
		/
	25m DA012	

3.7-1

3.7-2

3.7-2

	1		
	2 30%		
	3		
	4 10%		
	5		

	6 1 2 3 4 10%		
	7 10%		
	8 6 10%		
	9		
	10 10%		
	11		
	12		
	13		

3.7-2

4

4.1 /

4.1.1

450 t/d

4.1-1

4.1-1

		0.4m^3/d	pH		450m^3/d	→ →

4.1.2

4.1-2

4.1-2

			/	
			+25m	
			+18m	

4.1.3

75~90dB(A)

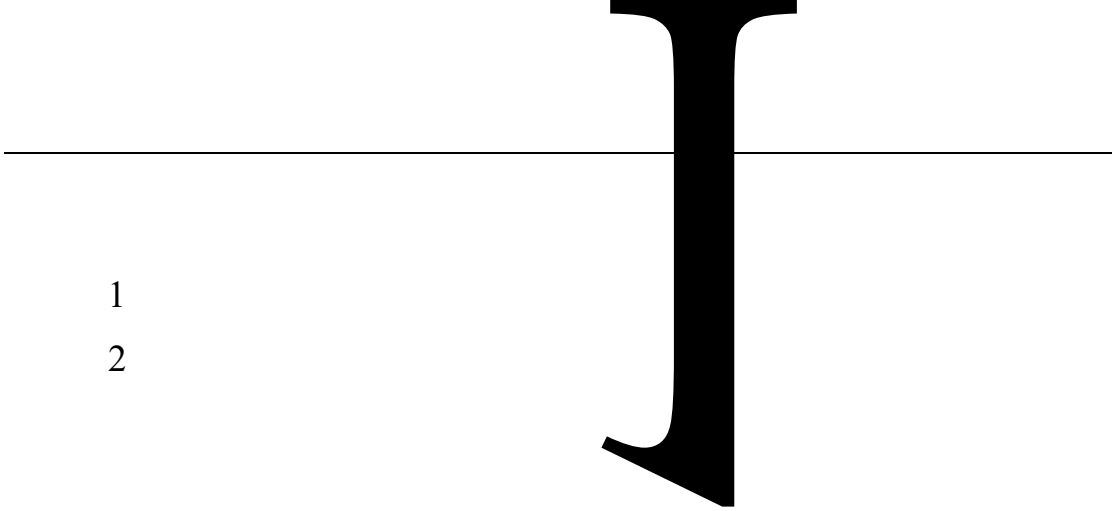
4.1-3

			dB(A)			
1		2	85			
2		2	82			

4.1.4

4.2

4.2.1



1

2

4.3-2

2 1.4MW

50 2 1.4MW
(10)

1

50 (
8.5)

2

GB8978-1996) 4

(GB13271-2014)

3 (GB13271-2014) 3 3
NOx SO NOx (
( ) ( ) (
) (NOx SO) (NOx
30mg/Nm 10mg/Nm) 30mg/Nm)

4

(GB12348-2008) 3

(GB12348-2008) 3

5

6			

2017 11 20

4.3-3

4.3-3

1			
2			
3			
4			
5		4	
6			
7			
8			
9			

5

5.1

5.1.1

“ ”

5.2

2024 8 22

[2024]114

(677 4015

2 1.4MW

50

(10)

( )

GB8978-1996) 4

( )

(GB13271-2014) 3 NOx SO

( ) ( )

(NOx SO 30mg/Nm 10mg/Nm)

( )

(GB12348-2008) 3

( )

6

2018 9

1

(GB 8978-1996) 4

(GB/T31962-2015)B

2

GB13271-2014 3 NO_X

2019

3

(GB12348-2008) 3 4

4

GB18599-2020

7

2018 9

COD SS

HJ 836-2017 1mg

$1m^3$

40-50

1mg $1m^3$

7.1

7.1-1

DA012		3 / 2
DA019		

7.2

7.1-4

N1 1m		2 / 2
N2 1m		
N3 1m		

N4	1m		

8

8.1

8.1-1

3-2

		HJ 57-2017	/ZR-3260	ZH-CY-139	3mg/m^3
		HJ 693-2014	/ZR-3260	ZH-CY-139	3mg/m^3 3mg/m^3
		GB 12348-2008	AWA5688	ZH-CY-03	—

8.2

8.3

1

2

3

HJ 630-2011

4

5

9

9.1

2025 4 25 ~4 26 9 3 ~9 4

9.1-1

9.1-1

			m^3/h	m^3/h	%
2025	4	1#	0.016	0.013	81.25
25		2#	0.016	0.014	87.5

2025

		/m³							
		kg/		43	0.044	40	0.040	0.040	\
		N·m³/h	83	2096	2099	48	1859	1872	\
		%	9	4.9		4.2	4.2	4.2	\
		mg/m³			3L	3L	3L	3L	\
2#		mg/m³	3L	3L	3L	3L	3L	3L	50
		kg/h	\	\	\	\	\	\	\
DA019		mg/m³	19	20	20	22	22	23	\
		mg/m³	21	22	22	23	23	24	30
		kg/h	0.040	0.042	0.042	0.041	0.041	0.043	\

9.2.3

9.2.4

9.2-3

9.2-3

	kg/h	kg/h
1#	0.0055	0.041
2#	0.0063	0.042
	0.028	0.199
1 **2**	**2400h**	

9.2-4 **t/a**

		0.003	0.003
		0.028	0.15
		0.199	0.23
(1) **60m³/a** **(2)** **50mg/L×** **×10⁻⁶**			

9.2-8 COD

0.003t/a 0.028t/a

0.199t/a

9.2.6

9.3

10

10.1

10.1.1

COD SS

10.1.2

10.2

10.3

“ ”

( ) ( ) ( )

		C3514						□ ☑ □		/		112.805711619 28.202139178	
		2 1.4MW						2 1.4MW					
								[2024]114					
		2025 2						2025 3				2025 8	
												91430100MA40N6301C001V	
												81.25 87.5%	
		50						10		%		20	
		50						8.5		%		17	
		0		8		0.5		0					0
												3000	
								91430100MACK6JB1X8				2025.8	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	“ ” (8)	(9)	(10)	(11)	(12)
		11043	/	/	0.006	0	0.006	0.006	0	11043.006	11043.006	0	+0.006
		5.2	/	/	0.012	0.009	0.003	0.003	0	5.203	5.203	0	+0.003
		0.87	/	/	0	0	0	0	0	0	0	0	0
		/	/	/	/	/	/	/	/	/	/	/	/
		/	/	/	/	/	/	/	/	/	/	/	/
		0.56	/	/	0.028	0	0.028	0.028	0	0.588	0.588	0	+0.028
		/	/	/	/	/	/	/	/	/	/	/	/
		/	/	/	/	/	/	/	/	/	/	/	/
		0.85	/	/	0.199	0	0.199	0.199	0	1.049	1.049	0	+0.199
		742	/	/	/	/	0	/	0	742	742	0	0

			8.09	/	/	0	0	0	0	0	0	0	0	0
1	+	-	2	(12)=(6)-(8)-(11)	9	= (4)-(5)-(8)- (11) +	1	3	—— / —— /					
—— /	—— /													