
/

4104600

677

4015



1	.....	1
2	.....	2
2.1	.....	2
2.2	.....	4
2.3	.....	4
2.4	.....	4
3	.....	5
3.1	.....	5
3.2	.....	5
3.3	.....	8
3.4	.....	8
3.5	.....	8
3.6	.....	9
3.7	.....	9
4	.....	11
4.1	/	11
4.2	.....	12
4.3	“ ”	13
5	.....	16
5.1	.....	16
5.2	.....	16

6	.....	19
7	.....	20
7.1	.....	20
7.2	.....	20
8	.....	22
8.1	.....	22
8.2	.....	22
8.3	.....	22
9	.....	23
9.1	.....	23
9.2	.....	23
9.3	.....	25
10	.....	26
10.1	.....	26
10.2	.....	26
10.3	.....	26

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

[illegible]

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

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

3.4-1

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

3.5.1

2400h

2%

0.6m³/a

 60m^3 60.6m³/a

“ ”

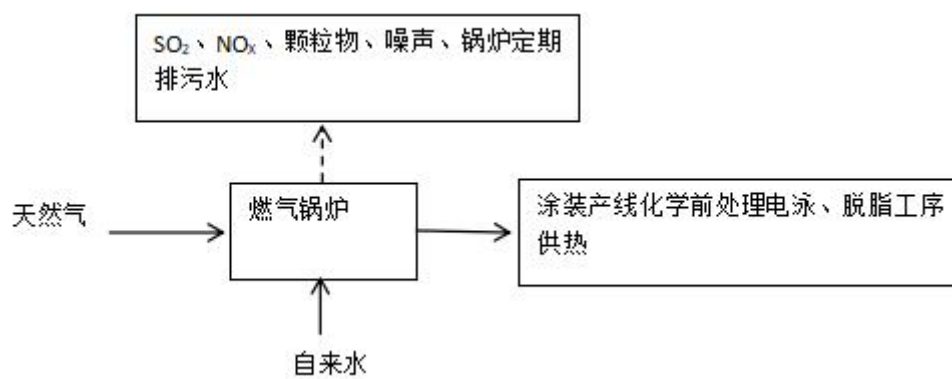
 $60\text{m}^3/\text{a}$

3.5.2



3.5-1

3.6



3.6-1

1.4MW

85°C

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

		0.4m³/d	pH		450m³/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

2 1.4MW

50 2 1.4MW

50 2 1.4MW

(10)

50 (

8.5)

CD8078-1000 4

GB8978-1996) 4

(GB13271-2014)

(GB13271-2014)	3	3
	NO	NO

(GB13271-2014)	3	3	
	NOx	SO	NOx (

(GB13271-2014)	3	3	
	NOx	SO	NOx (

() () (

$$\left(\begin{array}{c} \text{NO}_x \text{ SO}_2 \end{array} \right) \quad \left(\text{NO}_x \right)$$

30mg/Nm 10mg/Nm) 30mg/Nm)

(GB12348-2008) 3 (GB12348-2008) 3

(GB12348-2008) 3 (GB12348-2008) 3

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

1m³

40-50

1mg

1m³

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					

		mg/m ³							
		kg/h	0.041	0.043	0.044	0.040	0.040	0.040	\
2# DA019	N·m ³ /h		2083	2096	2099	1848	1859	1872	\
	%		4.9	4.9	4.9	4.2	4.2	4.2	\
		mg/m ³	3L	3L	3L	3L	3L	3L	\
		mg/m ³	3L	3L	3L	3L	3L	3L	50
		kg/h	\	\	\	\	\	\	\
		mg/m ³	19	20	20	22	22	23	\
		mg/m ³	21	22	22	23	23	24	30
		kg/h	0.040	0.042	0.042	0.041	0.041	0.043	\

GB13271-2014 3

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)	60m ³ /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	—	/	—	/
		—	/		—	/								
