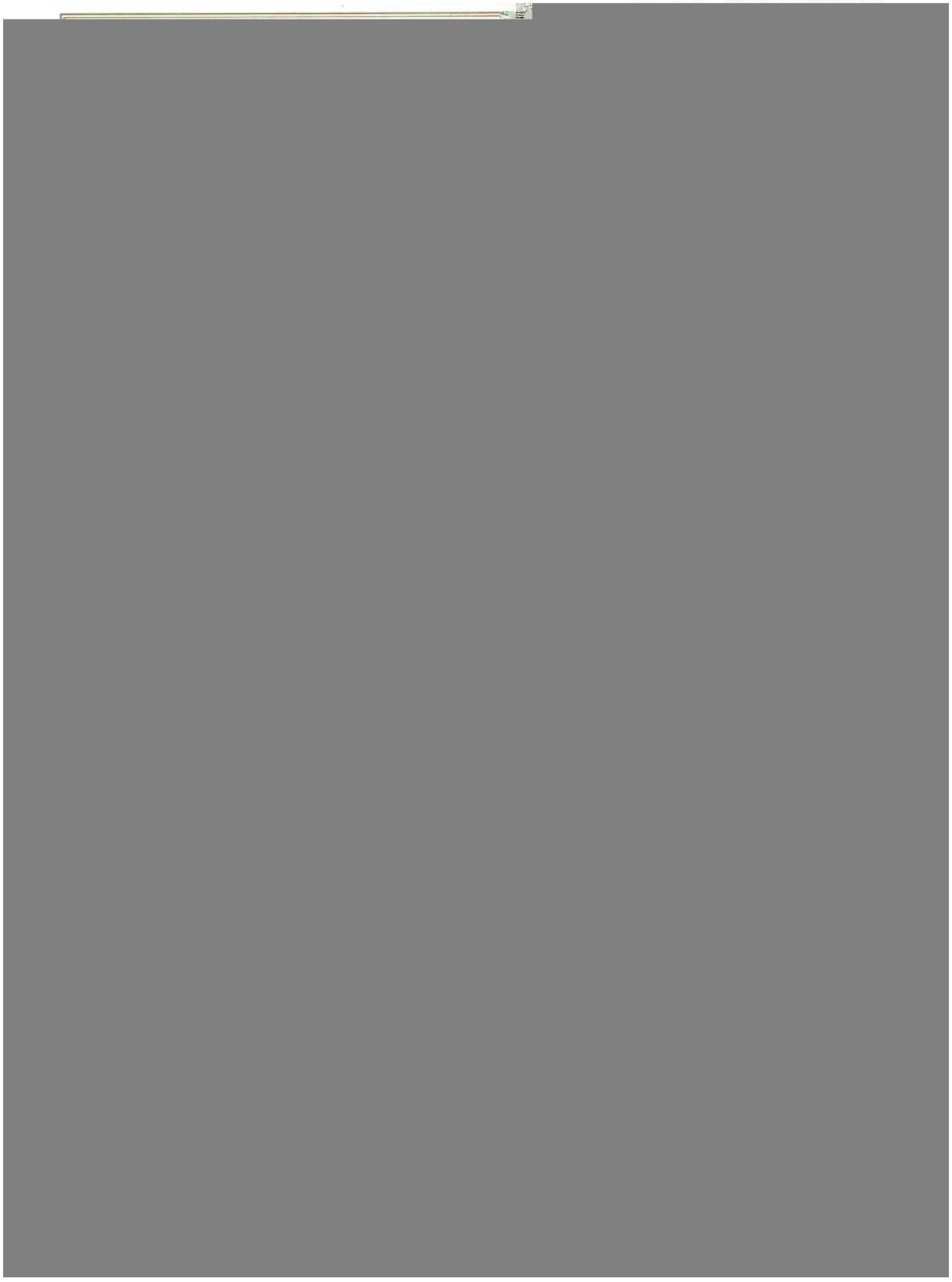
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证照编号：050320011834



1.1 1
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1.3 3
1.4 3
1.5 3
1.6 3
1.7 4
1.8 4

2.1 6
2.2 10
2.3 46
2.4 47
2.5 47
2.6 54
2.7 56
2.8

6.4 123
6.5 124
6.6 133

7.1 134
7.2 135
7.3 136
7.4 136
7.5 138
7.6 140
7.7 140

8.1 144
8.2 152
8.3 175
8.4 178
8.5 179
8.6 181

9.1 185
9.2 185
9.3 185

10.1 186
10.2 186
10.3 187
10.4 187
10.5 187
10.6 188
10.7 188
10.8 188
10.9 190

11.1 194
11.2 194
11.3 195
11.4 195
11.5 195
11.6 195
11.7 196

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14
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25      1500
26      34000
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SO_2 NOx

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2015 1 1

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2018 12 29

(3)

2018 10 26

(4) 2016.7.2

(5) 2017 6 27

2018 1 1

(6) 2020 4 29

2020 9 1

(7) 2021 12 24

2022 6 5

(8) 2020

12 26

(9) 2018 10 26

(10) 2019 8 26

(11) 2019 1 1

(12) 682 2017 10 1

(13) 748 2021 12 1

(14) 736 2021 3 1

(15) 2021

(16) [2013] 645 2013.12.7

(17) 4 2019 1 1

(18) [2012]77

2012.7.13

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[2013]103

(20) 2012

2012 2012.5.23 Ä

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(1) 37 2016 1

1

(2) 16 2021 1

(3) 2024

(4) (2021) [2021]495

(5) 2019 25 2019 3 28

(6)

2018 266

(9)

2017 9 23

(10) [2014]30

(11) 2024

(12) 2016 82

(13) 2024

(14) HJ1186-2021 (14)

2.1.4

(1) HJ 2.1 2016

(2) HJ2.2-2018

(3) HJ2.3-2018

(4) HJ 610-2016

(5) HJ964-2018

(6) HJ2.4-2021

(7) HJ19-2022

(8) HJ169-2018

(9) GB18218-2018

(10) GB18597-2023

(11) 2017 10 1

(12) GB18599-2020

(13) 2024 7 1

(14)

(19) 28 GB30000.28-2013

(20) GB/T 50483-2019

(21) 10 GB/T 32151.10-2015

(22) HJ1091-2020

(23) GB/T39966-2021

(24) GB/T39780-2021

(25) GB/T41012-2021

(26) HJ1120-2020

(27) HJ 1200-2021

(28) HJ1034-2019

(29) HJ1138-2020

(30) GB/T33060-2016

(31) GB/T 39224-2020

(32) GB/T44157-2024

(33) GB/T26493-2011

(34) HJ 1178-2021

(35) HJ1301-2023

(36) [2024]274

2.1.5

(1) 2021 9

(2) 2002-2020

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2.1.6

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[2021]45

2.2-1

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2.2.5 2022

2.2-5

8			
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2.2.6 **2022**

[2022]7

2.2-6

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2			

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3

	( ) ( )		

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17			
18			
19	((2021)33)		

2.2.7 **[2019]56**

[2019]56

2.2-7

1			
2	“ ” “ ” 3%		

3

1	( ) 2021		
2	(2020 2022		
3	(		

4

1	GB5085.1~7 HJ 298 1 /		
2			
3			
4		15	
5	HJ 1276 GB 15562.2		
6			
7			

GB17167 GB24789

GB17167 GB24789

1

GB18597　GB18599

2.2-15

1	GB 18597 HJ2025	(GB18597-2023) HJ2025-2012	
2			
3			

GB5085( )

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2022 11 3

2.2-17

( )

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2.2.18 2022 21

2.2-18

1	10 5 “ ”		

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2.2.19 **2024**

2.2-19

1	( )		
2	( )		
3	N- (NMP) (GB30484)	(GB30484-2013	
4	VOCs (GB37822)	(GB37822-2019)	
5		MVR	

	( ) (GB30484) (GB31573) (GB8978)	GB31573-2015 1 GB31574-2015	
6			

NMP

7

2

	>90%		
5	I		

2.2.22 HJ1186-2021

2.2-22

7	GB 8978 pH	GB31573-2015 GB 8978-1996 pH	
8			
9	GB 12348	GB12348-2008 3	

A

1

2.2-23

		hm²
		72.19
		3164.37

2

“ ”

2020 17

[2020]25

2.2-24

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2024

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2 4

IV+

3

4

5

2019

2021 12 30

2019

2021 12 30

			210880m^2 316.32 0.21km^2 155.3 / <260 / 85.71 /km^2>9 /km^2	

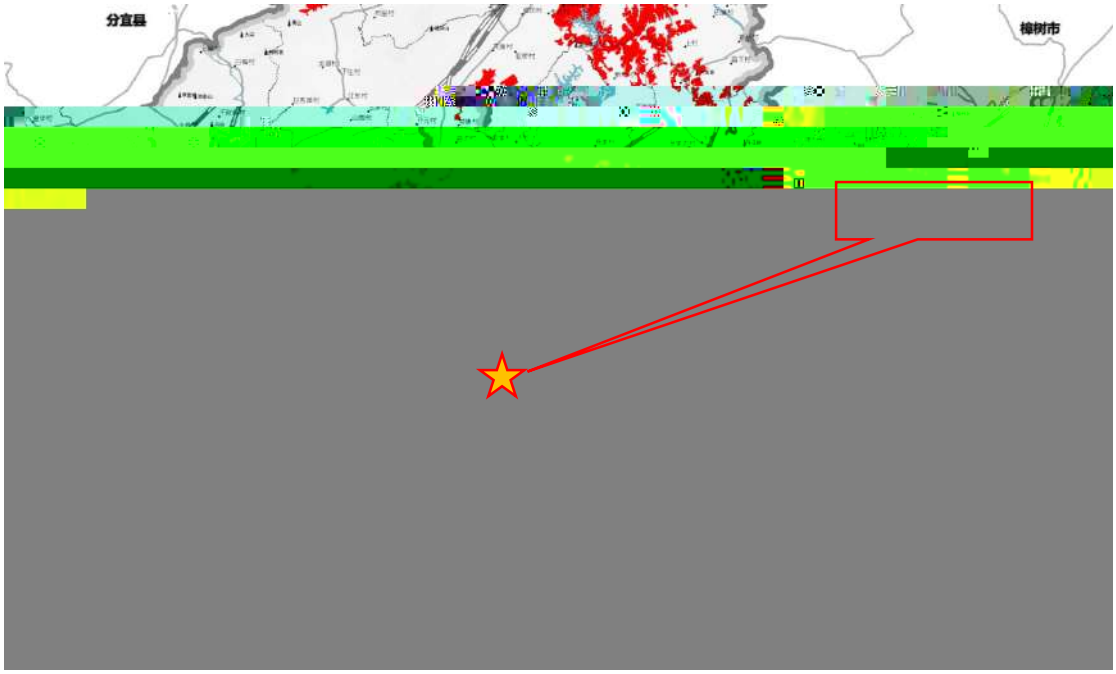
2022 28

2.2-25

…… 4 IV+	4 IV+	

2.2.24

2018 6



2.2-1

22 2013 4500

3690.48tce/a 820.1kgce/t 2016 34000t/a

3667.73tce/a GDP 0.1272<1.597tce/

2017 212.31 /

414 2022 12000t/a

24276.83tce 5172.68tce 1.0108tce/

1.23%

2.2-26

1		LED LED	1 VCD 2 CRT	
2		PACK		
3			C	GMP
4			VOCs HCl	
5				
6			VOCs	

2023

ZH36050220005

2.		
1. 2. 3. 4.	1. 1 2. 3. 4.	

1. 1

	4.		
	1. 2.	 1. 2.	

2.4

2.4-1

1		PM_{10} $PM_{2.5}$ SO_2 NO_2 HCl NH_3 H_2S TSP HBr
2		pH CODcr

12		0.3	0.1		
13	MnO_2		0.01		
14		0.6 8h			

2

GB3838-2002

2.5-2

pH	6 9	GB3838-2002
CODcr		
BOD_5		
DO		
NH_3-N		
P		
	1	
	1	
Cl^-	250	
	6	
	250	
N	10	
	1.0	
	0.0001	
CFU/L		
		3

3

3-2 GB3096-2008 3

2.5-3

3	65	55

4

GB/T14848-2017

2.5-4

1	pH	6.5-8.5	
2	K+		mg/L
3	Na+	≤200	mg/L
4	Ca^{2+}		mg/L
5	Mg^{2+}		mg/L
6	Cl^-	≤250	mg/L
7	SO_4^{2-}	≤250	mg/L
8	HCO_3-		mg/L
9	CO_3^{2-}		mg/L
10	NO_3^-	≤20.0	mg/L
		≤1.0	mg/L
12	NO_2^-	≤1.00	mg/L
13		≤0.002	mg/L

Tf331.63 366.41 Td6 re4g/

25		≤0.3	mg/L
26		≤0.002	mg/L
27		≤0.0001	mg/L
28		≤0.02	mg/L
29		≤0.05	mg/L

5

2

2.5-5 mg/kg

		CAS				
1		7440-38-2	20	60	120	140
2		7440-43-9	20	65	47	172
3		18540-29-9	3.0	5.7	30	78
4		7440-50-8	2000	18000	8000	36000
5		7439-92-1	400	800	800	2500
6		7439-97-6	8	38	33	82
7		7440-02-0	150	900	600	2000
8		56-23-5	0.9	2.8	9	36
9		67-66-3	0.3	0.9	5	10
10		74-87-3	12	37	21	120
11	1,1-	75-34-3	3	9	20	100
12	1,2-	107-06-2	0.52	5	6	21
13	1,1-	75-35-4	12	66	40	200
14	-1,2-	156-59-2	66	596	200	2000
15	-1,2-	156-60-5	10	54	31	163
16		75-09-2	94	616	300	2000
17	1,2-	78-87-5	1	5	5	47
18	1,1,1,2-	630-20-6	2.6	10	26	100
19	1,1,2,2-	79-				

28	1,2-	95-50-1	560	560	560	560
29	1,4-	106-46-7	5.6	20	56	200
31		100-42-5	1290	1290	1290	

2015 3

GB 9078-1996 200mg/m^3

(GB30484-2013) 5

DB31/933-2015 1 A

GB31573-2015 5 GB16297-1996 2 (GB30484-2013) 6 GB37822-2019 A.1

2.5-7

			20mg/m^3		/	/
			50mg/m^3		/	/
	(GB13271-2014)	NO_2	200mg/m^3		/	/
			1		/	/
			30mg/m^3			1.0 mg/m^3
			200 mg/m^3			/
			20mg/m^3			0.3mg/m^3

GB 31573-2015

			0.05 mg/m^3			
			1 mg/m^3			
			10000	m^3/		
	(GB30484-2013)		50mg/m^3			2.0 mg/m^3
	GB37 822-2019		1 h			10 mg/m^3
						30 mg/m^3
	DB31/93 3-2015		80mg/m^3	/	/	/
			5 mg/m^3	/	/	/

2

GB31573-2015 1

GB31574-2015

GB/T31962-2015 1 B

(GB8978-1996

17	Cd	≤0.05mg/L	/	≤0.05mg/L
18	Cr	≤0.5mg/L	/	≤0.5mg/L
19		≤0.1mg/L	/	≤0.1mg/L
20		≤1.0mg/L	/	≤1.0mg/L
21		≤0.005mg/L	/	≤0.005mg/L
22		≤6mg/L	/	≤6mg/L
23		≤600mg/L	/	≤600mg/L
24	Cl^-	≤800mg/L	/	≤800mg/L
25		m^3/t	/	0.5

*

3

3-2 3

GB12348-2008 3

2.5-9 dB A

GB12348-2008				
		3	65dB(A)	55dB(A)

4

GB18599-

2020 (GB18597-2023)

2.6

2.6-1

1.				/
1.1.		6 GB3095-2012 HCL	SO_2 NO_2 CO O_3 PM_{10} $PM_{2.5}$ (GB3095-2012)	TJ36-79 GBT18883-2002 1

		TJ36-79 VOCs GBT18883-2002 1	NH_3 H_2S HCl HJ2.2-2018 D	
1.2.		GB3838—2002	GB3838—2002	/
1.3.		GB/T14848-93	GB/T14848 2017	2017
1.4.		GB3096-2008 2	GB3096-2008 3	3

1.5. ( )
(GB36600-2018) 1

DB36/12.56 T.

				GB37822-2019

GB31573-2015 1

GB8978-

1996

2.2.

GB/T31962-2015

1 B

GB/T31962-2015

1 B

GB31574-

2015

			2018
5		200m	HJ2.4-2021
6			(HJ 19-2022)
7		5.4×5.4km^2 14.36km^2 1km	HJ169-2018

2.8

2.8-1

			2742	-912		3563	300
			3959	-755		4913	200
			4306	-915		3996	400
			4149	-130		3982	210
			4829	-756		4462	350
			4339	-1639			

			-3543	335		3447	600
			-3788	546		3729	310
			-3945	543		3825	410
			-4122	544		3962	400
			-4408	54		4577	500
			-4408	280		4181	700
			-4734	424		4593	710
			-4384	697		4276	2000
			-3724	675		3621	2500
			-3371	670		3729	1000
			-4384	1237		4472	1600
			-3397	1088		4492	2000
			-2243	1151		3750	1500
			-1795	1178		3245	1800
			-2243	1612		3801	1500
			-2443	1558		3960	800

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3.1

608

1 1500

2009 1500

1500t 2009 6 18

[2008]91

2 4500

2014 4500

4500t/a

2014 1 28

[2014]24 2016 3

[2017]29

3

2018

10000 / 5000 / 2500 /

500 / 2018 7 20

[2018]20

2019 7

4 34000t/a

2017 7

34000t/a 3.4 t

1.69 t 3.84 t 2017 7 8

3.3

608

3.3-1

1	1500			[2008]91 2009.6.18		
2	4500			[2014]24 2014.1.28		[2017]29
3				[2018]20 2018.7.20	/	2019 7
4	34000t/a			[2017]40 2017.7.8	/	2019 12
5				[2021]15 2021.1.12	/	2022 4

3.4.1 **4500**

3.4-1

		2024	
1	(GB16297-1996) (GB13271-2001) (GB14554-93) 2 (16297-1996) 2	(GB16297-1996) (GB13271-2014) + + GB16297-1996 2 GB14554-93 1	
2	GB8978-1996) 1	+ + + GB8978-1996 GB8978-1996 + +pH + +	
3	(GB12348-2008)2 (GB3096-2008)	GB12348-2008 2 GB3096-2008)	
4		GB 18599-2020 GB18597-2023	

(GB31573-2015)　　(GB31573-6

3.4.3 34000t/a

3.4-3

	GB18599-2001 GB18597-2001	GB18597-2023	

5

6	1. 2. 3.	800m³ 1302 1301 1300m³ 100m	

3.4.5 12000t/a

	2022	2024	
1	(GB31573-2015) (GB31574-2015) (GB30484-2013) (GB13271-2014) GB16297-1996). (GB37822-2019)	+ + + 3 + GB31573-2015 3 GB31574-2015 3 (GB30484-2013) 5 SO2 NOx GB13271-2014	

6	100m 50m	1 800m^3 2 1300m^3	

6

3.5

3.6

		4.	5. 6.		1 /	20 mg/Nm^3

34000t/a

7.
8.
9.
10.

12000t/a

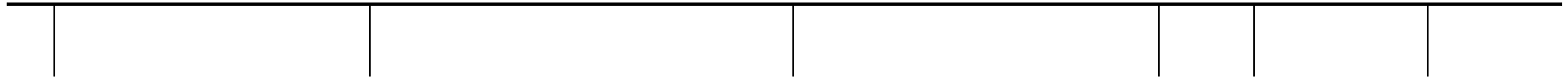
11.
12.
13.
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					1 /	4 mg/Nm^3
					1 /	200 mg/Nm^3
					1 /	3 mg/Nm^3 1
					1 /	50 mg/Nm^3
					1 /	200 mg/Nm^3
						50 mg/Nm^3

					1 /	4 mg/Nm^3
					1 /	5 mg/Nm^3
					1 /	10 mg/Nm^3
					1 /	20 mg/Nm^3

					1 /	20 mg/Nm^3
					1 /	30 mg/Nm^3
					1 /	10 mg/Nm^3
					1 /	20 mg/Nm^3
					1 /	50 mg/Nm^3
				40t		200 mg/Nm^3
					1 /	50 mg/Nm^3
					1 /	20 mg/Nm^3
					1 /	30 mg/Nm^3
					1 /	10 mg/Nm^3
					1 /	20 mg/Nm^3
					1 /	50 mg/Nm^3
					1 /	10 mg/Nm^3



					pH 100mg/L BOD 250mg/L COD 0.5 mg/L 0.5 mg/L 1 mg/L 1 mg/L 50 mg/L 2 mg/L 6 mg/L 1 mg/L 6 mg/L
					0.005 mg/L 0.5 mg/L 0.05 mg/L 0.1 mg/L 0.3 mg/L 0.5 mg/L 0.5 mg/L 1 mg/L 1 mg/L Cl^- 600mg/L
					0.1mg/L Cl^- 600 mg/L 0.005mg/L 1 mg/L 0.5 mg/L 0.3 mg/L 0.5 mg/L 1 mg/L 0.05 mg/L 0.5 mg/L

3.7

3.7-1

	DA022				20	1 /	/
					50	1 /	/
					200	/	
	DA026	40t			20	1 /	/
					50	1 /	/
					200	4 / 6	
	DA001				3	1 /	[redacted]

[redacted]

					30	1 /	/

				5	1 /	/
DA020				20	1 /	/
DA021				5	1 /	/
				4	1 /	/
				30	1 /	/
				5	1 /	/
DA023				30	1 /	/
DA024				50	1 /	/
				20	1 /	/
				10	1 /	/
DA027				30	1 /	/

	DA033				5	1 /	/
					200	1 /	/
					80	1 /	/
					10	1 /	/
					1	1 /	/
				pH	6~9	/	

DW001

DW003				0.5	1 /	/
				0.005		/
				1		/
				1		/
			Cl-	600		/
				0.3		/
				0.05		/
				0.5		/
				0.5		/
				0.1		/
			Cl-	/	1 /	/
DW005			Cl-	/	1 /	/

3.8

5km

1.8km

237 158000m2 66038.21m2

12000t/a 4500t/a 600t/a

72592.09t/a 800t/a 1500t/a

1201

200m2

2022 2023 50%

75%

869.2m2 1 1458.78m2

1458.78m2

2022 7

12000t/a

2022 8 29 2022 73

2021 6 2022

8 2022 8 20

	351556.9	2926.9
0.83%		

		12000t/a 4500t/a 600t/a 72592.09t/a 800t/a 1500t/a	12000t/a 4500t/a 600t/a 72592.09t/a 800t/a 1500t/a	
	10%			

		1 40t/h 40t/h + +15m 1 1 + +15m 1300m^3 1 1300m^3 6 10%	
		10%	
	10%		

+ + +MVR

1 2h

MVR

+ +MVR

MVR

+ +MVR

P507

+ +MVR

2

pH

+MVR + / +

12000 MVR

pH

2

25t/h

1 1 40t/h 1 25t/h

21

1 25t/h

1

1 800m3 1300m3

1 1300m3

2 9

2

COD NH3-N pH

GB/T 16157-1996 HJ/T397-2007

1 25t/h 1 40t/h

3

25t/h 2 40t/h

1 1

21 25

25

1 25t/h 1 40t/h 25t/h 40t/h

40t/h

25t/h

1

12000 Ni 0.09mg/L Co 0.04mg/L Mn 0.536mg/L 0.00005L mg/L 0.00002mg/L GB31573-2015 1 Ni 0.5mg/L Co 1mg/L Mn 1mg/L 0.05mg/L 0.005 mg/L 12000 CODcr 34mg/L BOD5 19.8mg/L SS 13.8mg/L NH3-N 4.93mg/L TN 6.99mg/L TP 7.26mg/L 0.14mg/L 2.61mg/L pH 7.3-8.0 0.05L mg/L

GB31573-2015 1

CODcr 200mg/L BOD_5 250mg/L SS 100mg/L NH3-N 35mg/L TN 50mg/L TP 8mg/L 6mg/L 6mg/L pH6~9 0.5 mg/L 12000 318mg/L 295mg/L GB/T31962-2015 1 B 600mg/L 800mg/L

pH 7.9-8.2 CODcr 12mg/L NH_3-N 7.54mg/L TN 9.7mg/L TP 0.11mg/L SS 12mg/L BOD5 8.1mg/L pH6~9 CODcr 500mg/L BOD_5 250mg/L SS 300mg/L NH3-N 35mg/L TN 50mg/L TP 8mg/L

2

<20mg/m3 2.27mg/m3 0.032mg/m3

0.354mg/m3 0.071mg/m3

<0.002mg/m3 075 mg/m3

1.13mg/m3

0.032mg/m3 0.53mg/m3

16.4mg/m3 0.68mg/m3

0.371mg/m3 27.6mg/m3

34.7mg/m3 6.416mg/m3

7.084mg/m3

<20mg/m3 9# 16.5mg/m3 SO2

<3mg/m3 NOX 71mg/m3

27.4mg/m3 0.58mg/m3

0.000638mg/m3

0.000266mg/m3 0.000795mg/m3

0.005mg/m3 0.040mg/m3 0.037mg/m3

0.039mg/m3 0.60mg/m3

0.182mg/m3 0.73mg/m3

GB31573-2015 3

GB31574-2015 3

(GB30484-2013) 5

SO2 NOx GB13271-2014

GB16297-1996 2

GB31573-2015 5

(GB30484-2013) 6

GB37822-2019 A.1

3

61.8 dB A 49.4 dB A

GB12348-2008 3

4

GB3095-2012

HJ2.2-2018 D

GB/T14848 2017

DB36/1282 2020

3.8.2

( ) (2016 1 1)

2024 8 2 http://xyhdz.xinyu.gov.cn/C4370/gongsgao/2024-08/02/content_140c025bf60545ef8fcb27d56bd6ebd0.shtml 10

4

4.1

4.1.1

4.1-1

4.1.2 (1500)

4.1-2

4.1.3 1500

4.1.4 1500

4.1.5 1500

4.1.6 1500

4.1.7

4500t

12000t/a

4500t

34000t/a

34000t/a

1# 2# 1500t 2#

4.1.8 1500

1500 5

4500 34000t/a

4.2

1

1500 4500

12000t/a

34000t/a

4500

(GB14554-93)

2 GB31573-2015 3

16297-1996 2

GB31573-2015 3

12000t/a

GB31573-2015 3

2

4500

755.05m^3/d “ + ”

GB31573-2015

34000t/a

400 m^3/d 12000 450 m^3/d

“ + + + + +MVR+ + + + + ”

GB31573-2015

15 m^3/d 12000

“pH +A/O + + ”

(GB31573-2015) 1

50m^3/d

“ + + ” 250 m^3/d

GB31573-2015 1

12000t/a

+P507 1941m^3/d “

+ + +MVR ” “ + +MVR ”

P507 + +MVR

pH

GB31573-2015

3 1300m^3 1300m^3 800m^3 1 800m^3

3

4.3.3

4

4.3.4

5

1 800m^3 3 1300m^3 1300m^3
800m^3 1300m^3 34000t/a 12000t/a
800m^3 4500t

“ ”

800m^3 4500 400m^3
50m^3 34000t/a 150m^3
24m^3 50m^3
75m^3 12000t/a 50m^3 30m^3
800m^3

4.3

4.3.1

4.3.2

4.3.3

4.3.4

5

5.1

5.1.1

608

114°59′47.92″ 27°49′21.24″

7—9 45% 1—3
12% 7—8
363.4mm 1971 7 1—2
25.0mm 1984 2
5 1.3m/s 1.6m/s 1.0m/s

5.1.5

( ) 273km
6486km^2 3900km^2
112m^3/s 3 5m^3/s (1926) 5860m^3/s 1962
3710m^3/s 34.44 m^3
116.9km 26.3km
90.6km 0.196% 7.3m 155m
60m( ) “
”

5.1.6

254 841 1888 126 356
913 189 37 19
15 35 217 17.39
54.89% 460.5 2693.9
53.7% 35%

	NO_2	22	40	

(HJ2.2-2018)

SO_2 NO_2 PM_{10} $PM_{2.5}$ CO O_3

2022

2022 12 30

HLZMWT20220901401 HLZMWT20220901402

9 3

A9

5.4-2

	2022 9 14	WT2209014HO106009		0.038	
		WT2209014HO106010		0.038	
		WT2209014HO106011		0.036	
		WT2209014HO106012		0.037	
	2022 9 15	WT2209014HO206009		0.037	
		WT2209014HO206010		0.038	
		WT2209014HO206011		0.038	
		WT2209014HO206012		0.037	
	2022 9 16	WT2209014HO306009		0.038	
		WT2209014HO306010		0.036	
		WT2209014HO306011		0.037	
		WT2209014HO306012		0.036	0.1
	2022 9 17	WT2209014HO406009		0.037	
		WT2209014HO406010		0.037	
		WT2209014HO406011		0.039	
		WT2209014HO406012		0.036	
	2022 9 18	WT2209014HO506009		0.035	
		WT2209014HO506010		0.036	
		WT2209014HO506011		0.037	
		WT2209014HO506012		0.035	
	2022 9 19	WT2209014HO606009		0.035	
		WT2209014HO606010		0.036	
		WT2209014HO606011		0.036	
		WT2209014HO606012		0.037	

	2022 9 20	WT2209014HO706009		0.039	
		WT2209014HO706010		0.041	
		WT2209014HO706011		0.041	
		WT2209014HO706012		0.038	
				0.041	
	2022 9 14	WT2209014HO106005		1.7	
		WT2209014HO106006		1.7	
		WT2209014HO106007		1.9	
		WT2209014HO106008		1.9	
	2022 9 15	WT2209014HO206005		1.5	
		WT2209014HO206006		1.5	
		WT2209014HO206007		1.4	
		WT2209014HO206008		1.3	
	2022 9 16	WT2209014HO306005		1.4	
		WT2209014HO306006		1.5	
		WT2209014HO306007		1.6	
		WT2209014HO306008		1.2	
	2022 9 17	WT2209014HO406005		1.5	
		WT2209014HO406006		1.5	
		WT2209014HO406007		1.5	7
		WT2209014HO406008		1.6	
	2022 9 18	WT2209014HO506005		1.4	
		WT2209014HO506006		1.3	
		WT2209014HO506007		1.4	
		WT2209014HO506008		1.4	
	2022 9 19	WT2209014HO606005		1.4	
		WT2209014HO606006		1.5	
		WT2209014HO606007		1.4	
		WT2209014HO606008		1.5	
	2022 9 20	WT2209014HO706005		1.6	
		WT2209014HO706006		1.5	
		WT2209014HO706007		1.6	
		WT2209014HO706008		1.4	
				1.9	
	2022 9 14	WT2209014H0106013-16		0.67	
		WT2209014H0106017-20		0.65	
		WT2209014H0106021-24		1.11	2.0
		WT2209014H0106025-28		0.87	
	2022 9 15	WT2209014H0206013-16		0.69	

		WT2209014H0206017-20		0.73	
		WT2209014H0206021-24		0.78	
		WT2209014H0206025-28		1.13	
	2022 9 16	WT2209014H0306013-16		0.72	
		WT2209014H0306017-20		0.94	
		WT2209014H0306021-24		1.08	
		WT2209014H0306025-28		0.74	
	2022 9 17	WT2209014H0406013-16		1.04	
		WT2209014H0406017-20		0	

	WT2209014H0506002	0.035

5.4-2 2021

2018~2022

PM_{10} SO_2 NO_2 CO O_3 2022

2022 2021 O_3 160

2022

5.4.2

2024 3 11

202402023

5.4-3

1m		2.20	59	65
			48	55

Coi——i

pH

$$P_{PH,} = \frac{7.0 - PH}{7.0 - PH} \qquad PH < 7.0$$

$$P_{PH,} = \frac{PH - 7.0}{PH - 7.0} \qquad PH > 7.0$$

PpH——pH

pHj——　　pH

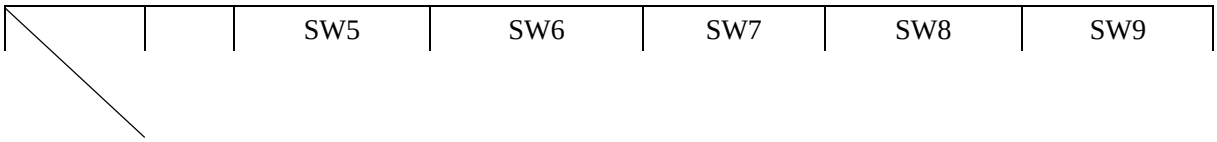
pHmd——　　pH

pHmu——　　pH

$S_{DO\ j}$　　1

DO_j　　j

5.4-6



5.4.4

4500 2013

GB/T14848-93

GB/T14848-2017

4500

1

2011 9 19

3 GW1 GW2 GW3

pH

5.4-7

pH	9 19 9	6.75	7.02	7.32

7.02

2022

HLZMWT20221102301 9 2022 11 7 12 5

GW14 GW18

3

5.4-8

	2022 GW14	2022 GW18	
pH	7.8	7.5	6~9
K^+	2.86	2.89	

DB36/1282 2020 2 2013

4500 2022

1 2013

2013 4 17

1

2013 4 17

5.4-9 mg/kg

	2013 4 17	0.186	0.5
	2013 4 17	8.14	25
	2013 4 17	62.2	300
	2013 4 17	38.2	250

2013

3		8.14	10.7	60	mg/kg
4		32.9	46	/	mg/kg
5		62.2	18	800	

```
*     /                    /
```

6

6.1

4500

34000t/a

Q M C.2

P P1 P2 P3 P4

P P2

6.3

6.3.1

1

E1 E2 E3

E1

2

E1 E2

E3

E2

3

E1

E2 E3

E2

4 E

6.3-1 E

E	E1	E2	E2

6.3.2

III

III

6.3.3

6.3-2

				a
a A				

6.4

6.4.1

6.4-1

1						/
2						/
3		NH_3 H_2S				/

6.4.2

-1 -

2 88m -1

-2 75m

-1 210m

-2 815m -1 152m -

2 640m

0

6.4.4

150+0-150 +627.46+0=627.46m^3 800m^3

6.4.5

6.5

6.5.1

1

1

2

3

4

5

6

1 /

100m

2

PLC

1

6.5.2

/

3

6.5.3

1

S6

2

6m ≤1.0×10^{-10}cm/s

1.5m ≤1.0×10^{-7}cm/s

2

3

6.5.5

Ä

.l5tqR~.5TIõ2ŸYõõC7ÿT3ŸÿD

2

3

4

7

7.1

7.1.1

GB13271-2014 2

GB13271-2014 2

7.1.2

15% 15m

15% 15m

GB 31573-2015

HJ 1035-2019

7.1.3

H_2S

+ +

GB 31573-2015

HJ 1035-2019

7.1.4

(HJ 1035—2019)

185683.74d[<1

SBR / / MBR

a

MVR

/ /

(HJ 1035—2019)

GB31573-2015 1

GB/T31962-2015 1 B

- - -MVR pH

+ +

GB 31573-2015

7.3

(GB12348-2008) 3

7.4

200m^2 1458.78m^2 720m^2

GB18599-2020

GB18597-2023

HJ 1186-2021

7.4.1

7.4-1

GB18597-

2023

7.4.2

4

200m^2 80%

7.4.3

GB18597-2023

7.5

7.5.1

pH CODcr BOD_5 SS NH_3-N Ni Co Mn Cu

7.5.2

2023 10 11

GB/T14848-2017

DB36/1282—2020 2

7.5.3

3	1#2#			
4				Mb 1.5m ≤10^{-7}cm/s
5				
6				
7				

7.6

7.2

GB 31573-2015

7.7

(1)

(2)

1m

PE

(3)

(4)

- -

(5)

7.7-1

		DN65			

		1320m^3	1		
		800m^3	1		
		1200m^3	1		

8

8.1

1500

8.1.1

1 4500

25t +

45m

GB13271-2014

15%

(GB14554-93) 2

+ 16297-1996 2

15%

(GB14554-93) 2

PM_{10} SO_2 NOx

1 10% GB3095-1996

TJ36-79

200m

2

1 +

GB31573-

2015

PM_{10} 10%

GB3095-2012

115m

GB3095-2012

SO_2 NOx PM10 PM2.5 HCl

100%

30%

100m

50m

8.1.2

8.1-1



9#

8.2

8.2.1

1 4500

300m^3

+ + +

GB8978-1996

GB8978-1996

2

pH COD

SS + +

GB31573-

2015 1

3 34000t/a

272.20m^3/d 29.29m^3/d

4.74m^3/d 4m^3/d 12m^3/d

$350m^3/d$

$400m^3/d$

GB/T31962-2015 1 B

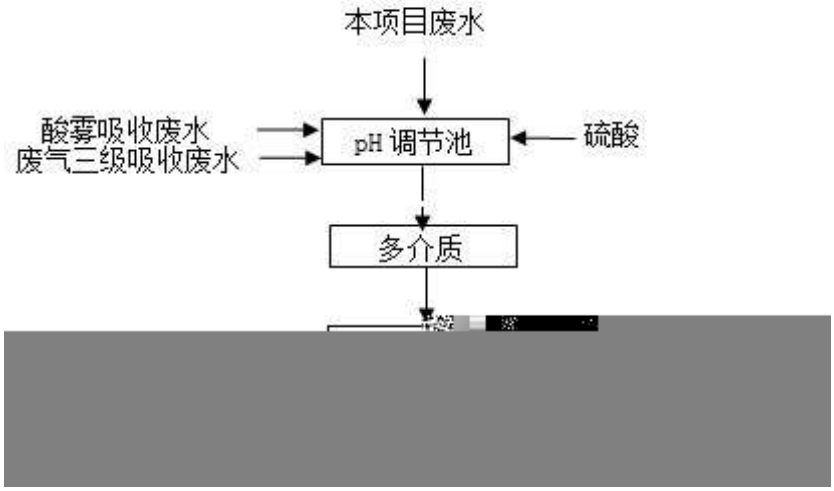
4

12000

GB31573-

2015 1

GB/T31962-2015 1 B pH + +



8.2-2

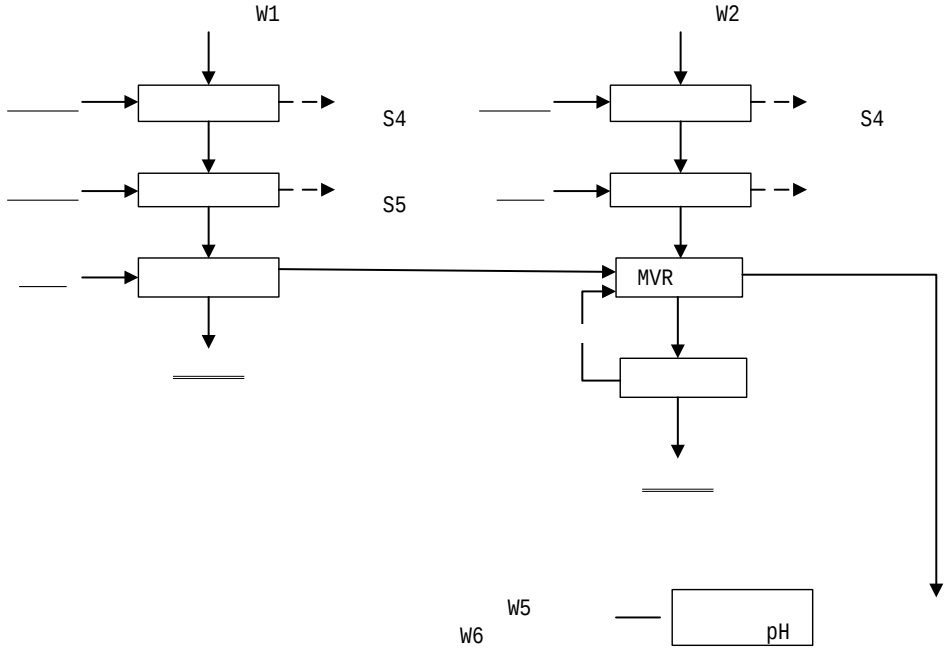
5 12000t/a

GB31573-2015 1

pH MVR

GB31573-2015 1

GB/T31962-2015 1 B



6

8.2.2

1 4500

2016 11 24 25

8.2-1 **mg/L pH**

★1#	pH	11.24	7.44-7.62	7.55	--	--
		11.25	7.46-7.68	7.57	--	--
	COD_{cr}	11.24	89-113	99	--	--
		11.25	141-165	152	--	--
	Ni	11.24	0.05-0.14	0.11	--	--
		11.25	0.05-0.15	0.10	--	--
	NH_3-N	11.24	18.8-19.6	19.2	--	--
		11.25	18.9-19.3	19.1	--	--
	SS	11.24	75-86	80	--	--

11.25 76-82

	F^-	11.24	0.71-0.74	0.73	10	
		11.25	0.69-0.72	0.71		
★4#	pH	11.24	7.58-7.64	7.61	6-9	
		11.25	7.62-7.84	7.99		
	COD_{cr}	11.24	109-121	115	350	
		11.25	105-113	109		
	Ni	11.24	2.10-2.33	2.20	1.0	
		11.25	1.90-2.31	2.15		
	NH_3-N	11.24	2.16-2.46	2.32	25	
		11.25	2.10-2.37	2.23		
	SS	11.24	22-28	25	200	
		11.25	22-26	25		
	Zn	11.24	0.11-0.14	0.13	2.0	
		11.25	0.11-0.14	0.13		
	Mn	11.24	0.34-0.41	0.38	2.0	
		11.25	0.27-0.52	0.38		
		11.24	0.018-0.021	0.020	1.0	
		11.25	0.020-0.026	0.023		
	F^-	11.24	0.93-1.01	0.97	10	
		11.25	0.92-0.98	0.96		
★5#	SS	11.24	54-62	58	200	
		11.25	34-53	42	200	
	COD_{cr}	11.24	238-258	248	350	
		11.25	222-246	233	350	
	BOD_5	11.24	110-125	118	150	
		11.25	105-115	109	150	
	NH_3-N	11.24	7.77-8.96	8.33	25	
		11.25	7.45-7.94	7.70	25	

+ + +

GB8978-1996

GB8978-1996

2

2019 3 19 20

8.2-2 **mg/L pH**

	CODcr	3.19 1	8.79	4.8~16.8	200	
		3.19 2	16.8			
		3.19 3	4.8			
		3.19 4	7.2			

		3.20 1	13.5			
		3.20 2	11.1			
		3.20 3	6.34			
		3.20 4	4.0_L			
	SS	3.19 1	31	12~31	100	
		3.19 2	27			
		3.19 3	12			
		3.19 4	26			
		3.20 1	16			
		3.20 2	17			
		3.20 3	19			
		3.20 4	14			
	BOD_5	3.19 1	6.72	4.44~6.72	150	
		3.19 2	6.69			
		3.19 3	5.66			
		3.19 4	6.31			
		3.20 1	5.34			
		3.20 2	5.14			
		3.20 3	4.72			
		3.20 4	4.44			
		3.19 1	4.3			
	NH_3-N			2.17~4.3	40	

		3.20 1	18			
		3.20 2	13			
		3.20 3	20			
		3.20 4	13			

NH



	pH	3.2	7.8	7.7	7.7	7.7	7.73	-
		3.3	7.7	7.7	7.8	7.7	7.7	
	SS	3.2	8	6	5	6		

0.72 15.6 re f* 339.43 Td [(0.72 15.6 re f* 433

8.2-5

	pH	10.6	0.5	0.5-0.6
		10.6	0.5	
		10.6	0.5	
		10.6	0.6	
	CODcr	10.6	11598	11292
		10.6	11282	
		10.6	12032	
		10.6	10256	
	BOD_5	10.6	4663	4700
		10.6	4663	
		10.6	4772	
		[redacted]	4703	

		10.6	24	
		10.6	23	
	Mn	10.6	886	868
		10.6	865	
		10.6	866	
		10.6	856	
		10.6	396	388
		10.6	381	
		10.6	355	
		10.6	419	
		10.6	52.2*10^3	46.4*10^3
		10.6	41.3*10^3	
		10.6	46.3*10^3	
		10.6	45.9*10^3	
		10.6	153*10^3	115*10^3
		10.6	107*10^3	
		10.6	101*10^3	
		10.6	99.5*10^3	
	pH	10.7	0.5	0.5
		10.7	0.5	
		10.7	0.5	
		10.7	0.6	
	CODcr	10.7	19187	19247
		10.7	19701	
		10.7	18398	
		10.7	19701	
	BOD_5	10.7	5663	5614
		10.7	5574	
		10.7	5623	
		10.7		

		10.7	258	
	TP	10.7	1109	1053
		10.7	1048	
		10.7	1082	
		10.7	974	
		10.7	33.9	39
		10.7	39.0	
		10.7	41.0	
		10.7	41.5	
	Ni	10.7	143	143
		10.7	143	
		10.7	142	
		10.7	143	
	Co	10.7	22	22
		10.7	22	
		10.7	22	
		10.7	22	
	Mn	10.7	811	816
		10.7	822	
		10.7	813	
		10.7	818	
		10.7	460	414
		10.7	414	
		10.7	409	
		10.7	373	[redacted]
		10.7	44.8*10^3	44.0*10^3
		10.7	43.8*10^3	

	BOD_5	10.6	3851	3910
		10.6	3930	
		10.6	3920	
		10.6	3940	
	SS	10.6	206	155
		10.6	126	
		10.6	156	
		10.6	133	
	NH_3-N	10.6	19.4	19.6
		10.6	20.4	
		10.6	18.6	
		10.6	19.8	
	TN	10.6	80.0	119
		10.6	111	
		10.6	104	
		10.6	180	
	TP	10.6	5.68	5.75
		10.6	5.72	
		10.6	5.89	
		10.6	5.72	
		10.6	55.3	38.2
		10.6	44.4	
		10.6	27.2	
		10.6	26.0	
	Ni	10.6	90	90
		10.6	91	
		10.6	90	
		10.6	89	
	Co	10.6	143	143
		10.6	144	

10.60.56 Tf

		10.6	8.08*10^3	
		10.6	8.64*10^3	
		10.6	9.04*10^3	
		10.6	8.80	7.35
		10.6	6.46	
		10.6	6.91	
		10.6	7.23	

		10.7	94	
		10.7	92	
	Co	10.7	152	149
		10.7	142	
		10.7	151	
		10.7	151	
	Mn	10.7	56500	56516
		10.7	56438	
		10.7	56250	
		10.7	56875	
		10.7	133	132
		10.7	125	
		10.7	138	
		10.7	131	
		10.7	9.34*10^3	9.15*10^3
		10.7	8.80*10^3	
		10.7	9.30*10^3	
		10.7	9.15*10^3	
		10.7	131*10^3	126*10^3
		10.7	113*10^3	
		10.7	118*10^3	
		10.7	141*10^3	
	pH	10.6	7.6	7.6-7.9
		10.6	7.8	
		10.6	7.9	
		10.6	7.7	
	CODcr	10.6	43	34
		10.6	48	
		10.6	5	
		10.6	42	
	BOD_5	10.6	15.6	16.2
		10.6	16.5	
		10.6	15.9	
		10.6	16.7	
	SS	10.6	14	13.2
		10.6	13	
		10.6	12	
		10.6	14	
	NH_3-N	10.6	10.2	4.93
		10.6	6.31	
		10.6	0.739	

		10.6	2.46	
	TN	10.6	13.8	6.99
		10.6	7.90	
		10.6	1.74	
		10.6	4.53	
	TP	10.6	2.64	7.26
		10.6	1.95	

	CODcr	10.7	33	17.5
		10.7	4L	
		10.7		

		10.7	3.11	
		10.7	2.49	
		10.7	1.99	
		10.7	309	314
		10.7	316	
		10.7	316	
		10.7	313	
		10.7	285	284
		10.7	286	
		10.7	284	
		10.7	281	
		12.3-12.4	0.00005L	0.00005L
		12.3-12.4	0.05L	0.05L
		12.3-12.4	0.00002L-0.00002	0.00002
	pH	2.18	7.9	7.9-8.0
		2.18	8.0	
		2.18	8.0	
		2.18	7.9	
	CODcr	2.18	10	8
		2.18	7	
		2.18	8	
		2.18	8	
	NH_3-N	2.18	7.62	7.52
		2.18	7.53	
		2.18	7.08	
		2.18	7.84	
	TN	10.6	15.4	9.7
		10.6	10.7	
		10.6	7.16	
		10.6	5.39	
	TP	2.18	0.07	0.07
		2.18	0.06	
		2.18	0.08	
		2.18	0.07	
	SS	2.18	8	12
		2.18	8	
		2.18	17	
		2.18	14	
	BOD_5	2.18	7.6	7.7
		2.18	7.8	
		2.18	7.8	

		2.18	7.6	
	pH	2.19	8.0	8.0-8.2
		2.19	8.1	
		2.19	8.2	
		2.19	8.0	
	CODcr	2.19	14	12
		2.19	11	
		2.19	12	
		2.19	13	
	NH_3-N	2.19	7.43	7.54
		2.19	7.59	
		2.19	7.34	
		2.19	7.78	
	TN	10.7	4.61	5.05
		10.7	4.39	
		10.7	4.16	
		10.7	7.03	
	TP	2.19	0.11	0.11
		2.19	0.11	
		2.19	0.10	
		2.19	0.11	
	SS	2.19	7	6.5
		2.19	9	
		2.19	10	
		2.19	10	
	BOD_5	2.19	7.9	8.1
		2.19	8.3	
		2.19	8.5	
		2.19	7.8	
	pH	3.8	8.0	8.0-8.1
		3.8	8.0	
		3.8	8.1	
		3.8		

			0.06	0.04
			0.04	
			0.02	
			0.02	
			0.02	0.01L
			0.01	
			0.01L	
			0.01L	
			0.042	0.028
			0.030	
			0.021	
			0.018	
	pH		7.9	7.9
			7.9	
			7.9	
			7.9	
	CODcr		11	10
			11	
			8	
			12	
	NH_3-N		0.179	0.180
			0.165	
			0.165	
			0.209	
			0.03	0.03
			0.03	
			0.03	
			0.04	
			0.004	0.006
		3.11	0.006	
		3.11	.006	

	0.2	0.002	0.01	0.003	0.015	0.003	0.015	0.0035	0.018	0.0025	0.013
	0.005	0.0006	0.1	0.0007	0.1	0.0006	0.1	0.00065	0.1	0.0006	0.1
	0.05	0.02	0.4	0.025	0.5	0.02	0.4	0.015	0.3	0.02	0.4

		t/a	t/a			
		557	0			
		30	25			/
		8340	8340	34000t/a 1458.78m²		/

		t/a	t/a			
		0.3	0			
		1.5	0			
		19.4	0			
		29.63	0			
		5.98	0			/
		1.0	0			
		0.05	0			
		33.6	33.6			/

100%

GB 18599-2020 GB 18597-2023

8.4

12000t/a

GB12348-2008

3

8.4-1

N1	65dB A 55dB A	50.3		46.2	
N2		53.8		47.4	
N3		50.2		45.7	
N4		46.3		43.6	
N5		51.3		47.0	
N6		44.0		41.5	

8.4-2

1m		2.20	59
		2.20	48
1m		2.20	57
		2.20	47
1m		2.20	59
		2.20	48
1m		2.20	58
		2.20	48

GB12348-

2008 3 50m

8.5

Ni Co Mn Li

20 Ni Co Mn

DB36/1282-2020

8.5-1 mg/kg

		Δ			
Ni	1	1.85109×10^{-9}	27	27	900
	5	9.25545×10^{-9}	27	27	
	10	1.85109×10^{-8}	27	27	
	20	3.70218×10^{-8}	27	27	
Co	1	8.22707×10^{-10}	12	12	70
	5	4.11353×10^{-9}	12	12	
	10	8.22707×10^{-9}	12	12	
	20	1.64541×10^{-8}	12	12	
Mn	1	1.13122×10^{-9}	221	221	10000
	5	5.65611×10^{-9}	221	221	
	10	1.13122×10^{-8}	221	221	
	20	2.26244×10^{-8}	221	221	

11 SLD-HJ-23090113Sa

2#

8.5-2



	0.05	0.08	0.04	65
	17.0	21.4	25.2	800
	ND	ND	ND	5.7
	25	41	30	18000
	60	87	84	10000

31

		2023/11/14	166	167	167	167	

2023/11/14	0.00038	0.00033	0.00015

		2023/11/14	0.0040	0.0039	0.0045	0.0041	
		2023/11/14	0.0030	0.0025	0.0026	0.0027	
		2023/11/14	0.0026	0.0020	0.0026	0.0024	0.05

10

12000t/a

2023 12

GB31573-2015 3 (GB30484-2013)

5 GB13271-

2014

GB31573-2015 1

GB31573-2015 1

GB/T31962-2015 1 B

pH COD SS NH_3-N 1 /

Cl- 1 /

1 / pH

N P

NH_3-N F-

pH COD NH_3-N

10.1

GB 31573-2015 (GB30484-2013)

DB31/933-2015

(GB13271-2014)

100m

10.2

GB 31573-2015 GB/T31962-2015 1 B

4 34000t/a

450 m^3/d “ + + MVR” DW002 4500

755.05m^3/d “ + ” DW003

250 m^3/d “ + +

” DW001 15 m^3/d 12000

“pH + MVR” 12000t/a “pH

+ MVR” DW005 DW00.9T265.4.54 543.31 Td[(D)] TJETBT361.15

"II4**6174*65 TJETO T0 q.401 Td/F5 10.44 T 1Tr208.58 793.45 1d[<2

10.6

( )

10.9-1



1 /
NOx 1
1

	17		1 /			1 /
	18		1 / 1 /			1 /
	19		1 /			1 /
	20		1 / 1 /			1 /
	21		1 /			1 /
	22		1 /			1 /
	23		1 / 1 / 1 / 1 /			1 / 1 / 1 /
			1 /			1 /
					pH CODCr BOD5 SS	
	2 3 4		1 /		/	1 /
	5				/	/
	/	1	1 /		A	/

11

2016 1 25

4500 34000t/a

1500

12000t/a

608 213530m^2

11.1

12000

12000

12000t/a

34000t/a

2

2022

3

4

GB/T14848-2017

5

DB36/1282—2020 2

11.3

11.4

11.5

2024 8 2 http://xyhdz.xinyu.gov.cn/C4370/gongsgao/2024-08/02/content_140c025bf60545ef8fcb27d56bd6ebd0.shtml 10

11.6