

1000

2021 6

1000

1000

1000

1000

0573-88539018

/

314500

0571- 88354430

/

310003

361

707

1	.....	1
2	.....	3
2.1	.....	3
2.2	.....	3
2.3	.....	3
3	.....	4
3.1	.....	4
3.2	.....	4
3.3	.....	6
3.4	.....	7
3.5		

8	.....	37
8.1	.....	37
8.2	.....	38
8.3	.....	38
9	.....	39
9.1	.....	39
9.2	.....	40
10	.....	61
10.1	.....	61
10.2	.....	62
10.3	.....	62
	.....	63

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

1

320
(
5000)
PVC PVG MMT668
30%
ISO9001
ISO14001 GB/T28001
1000 2.5
20
10000 9# 20412
5 1
5 VOCs 2 5
1000 23.41

2021 5

2021 5 21 22

1000

2

2.1

682 2017 8 1
2017 10 1
[2017]4
388
2017 6 27 2018 1
1
2018 2018 10 26
2018 12 29 2018
12 29
2020 4 29
2020 9 1
() [2020]688

2.2

2015 113

2018 9

2.3

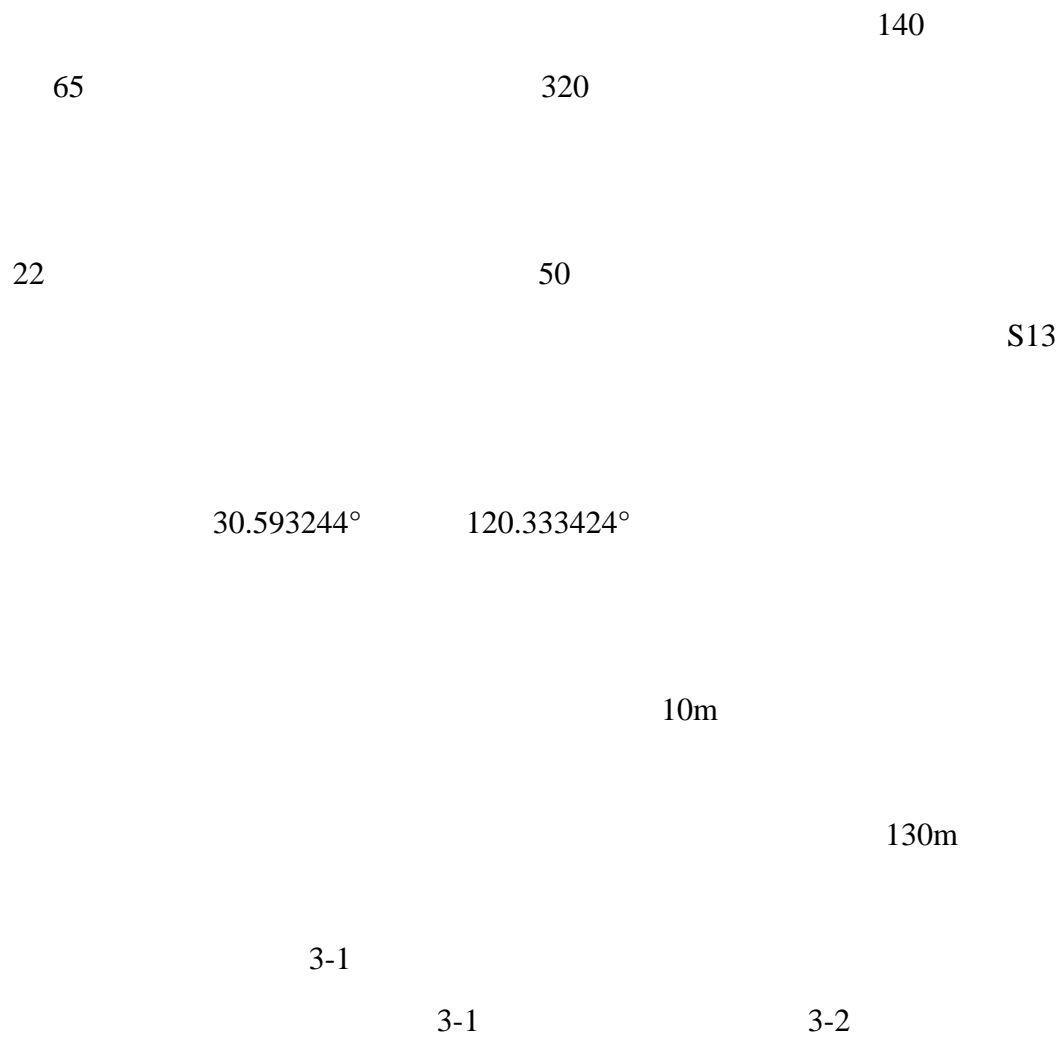
1000

1000

2020 0100

3

3.1

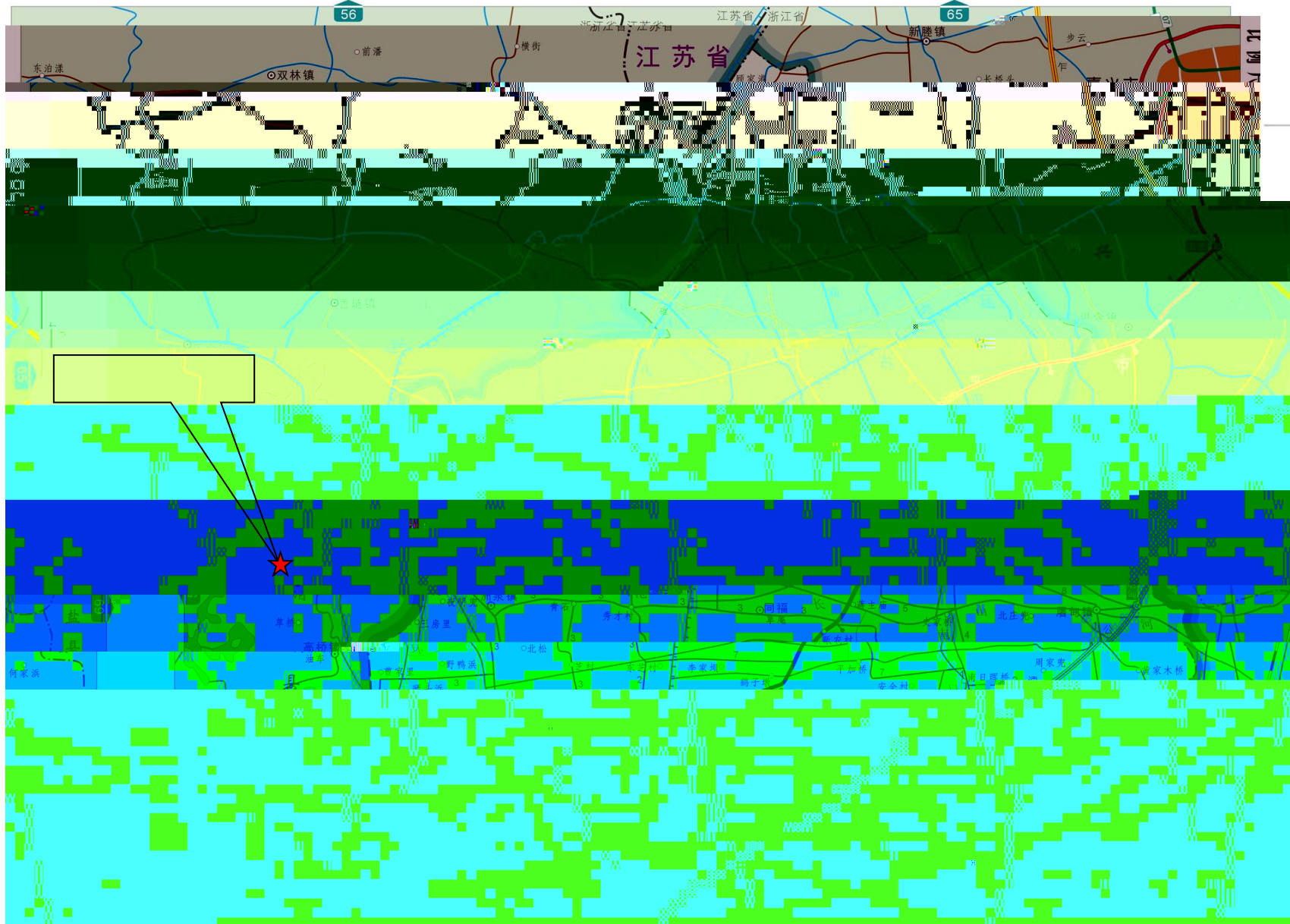


3-1

							(m)	270 (m)	9# (m)
*	30.593°N 120.331°E		2375		S	10	332	140	
	30.600°N 120.331°E		3885		N	130	343	540	
	30.613°N 120.331°E		3138		N	1500	1635	1900	
	30.600°N 120.350°E		4442		E	1550	1880	1550	
	30.581°N 120.339°E		1375		SE	1350	1900	1550	
	30.580°N 120.346°E		15000		SE	1840	2400	2040	
	30.576°N 120.338°E		3212		S	2000	2436	2200	
	30.586°N 120.324°E		2438		SW	980	1230	1250	
	30.584°N 120.311°E		3438		SW	2000	2170	2280	
	30.617°N 120.323°E		2743		N	2090	2230	2500	
	/			E		246	10		
	/			W		17	263		
	/			N		135	410		
				/	/	/	/		
	30.593°N 120.331°E		2375	2	S	10	332	140	
	30.600°N 120.331°E		3885		N	130	343	540	

* 50m 32 112 50-100m 22 77 100-200m

16 56

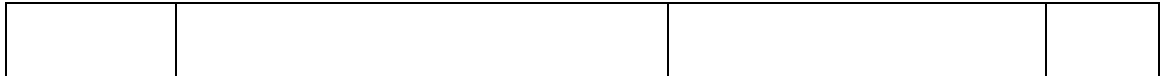


3-1



3-2

1000



3-4

			/	/	
1		2600mm×15000mm	1	1	
2		2000mm×15000mm	1	1	
3		1800mm×15000mm	1	1	
4		1600mm×15000mm	1	1	
5		1400mm×15000mm	1	1	
6		250mm×1900mm	1	1	
7		20t	4	4	
8		60t	1	1	
9		100t/h	1	1	
10		100t/h	2	2	
11		/	2	2	

3.2.4

3-2

3.3

2021 3-5

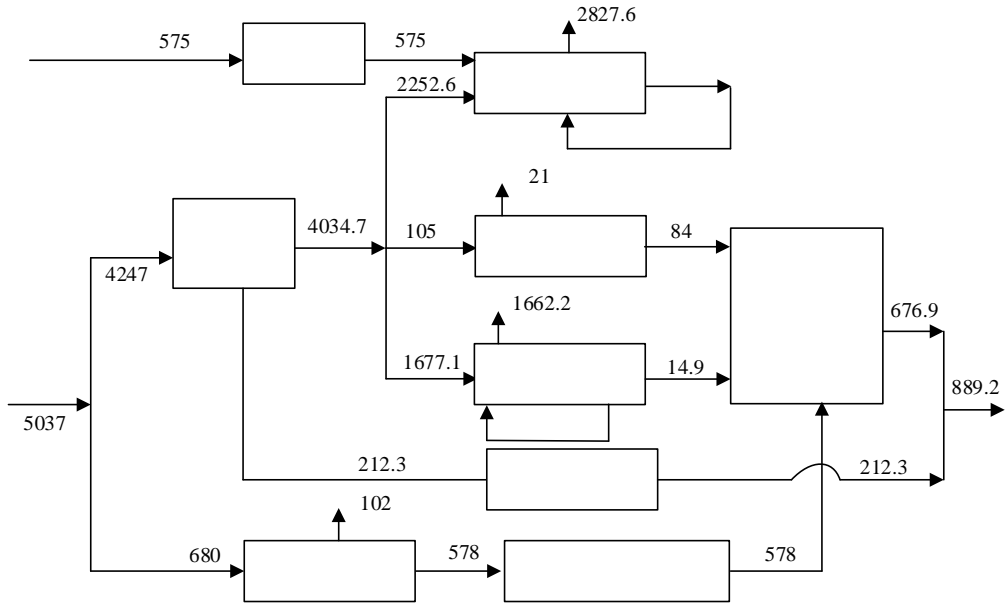
3-5

3-5

		(t/a)	2021 3 (t)	2021 4 (t)	2021 5 (t)	(t/a)
1						

1000

		(t/a)	2021 3 (t)	2021 4 (t)	2021 5 (t)	(t/a)
		85	7.6	7.8	8	94
		40	3.5	3.6	3.7	43
		245	22	22.5	23	270
		130	11.5	11.7	11.8	140



3-3

2021 5

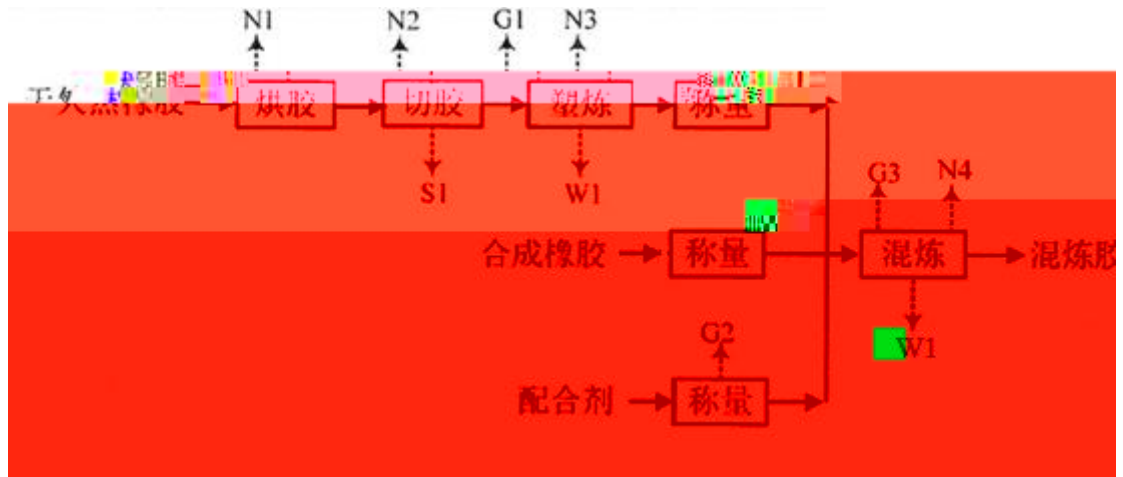
t

2021 5

3-6

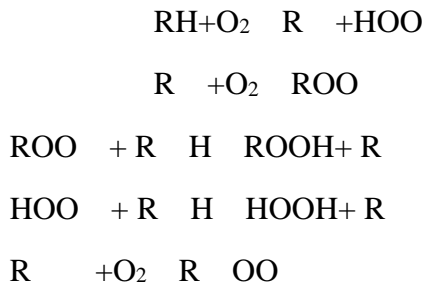
3-6

		t/a	46756



3-4

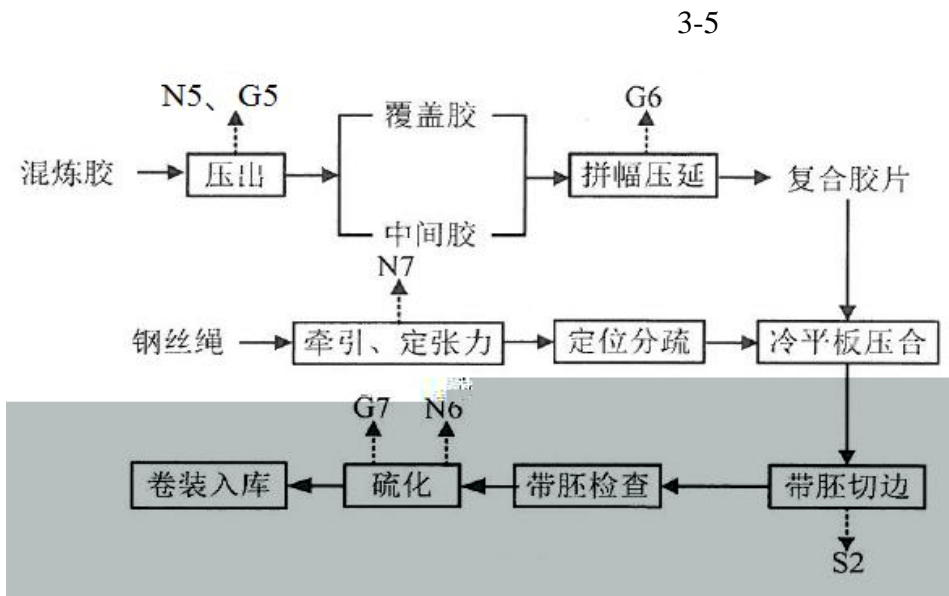
1



5

8

2



3-5

1

2

3

4

5

6

0.1%

7

150

8

3.6

3

2

1

1

2

1

2

4

4.1 /

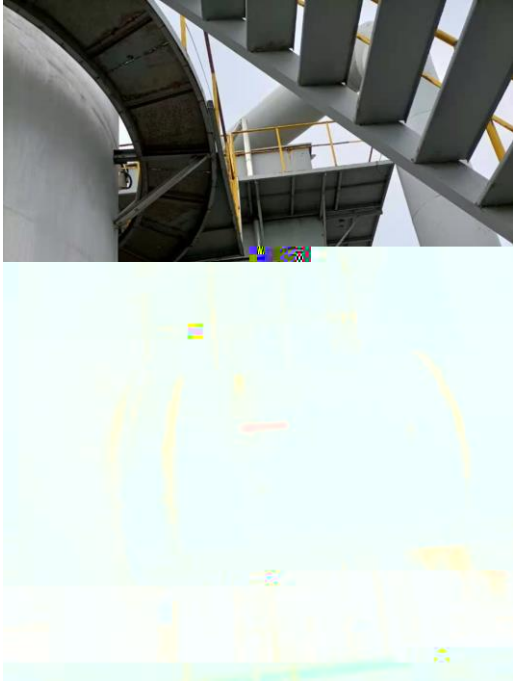
4.1.1

4-1

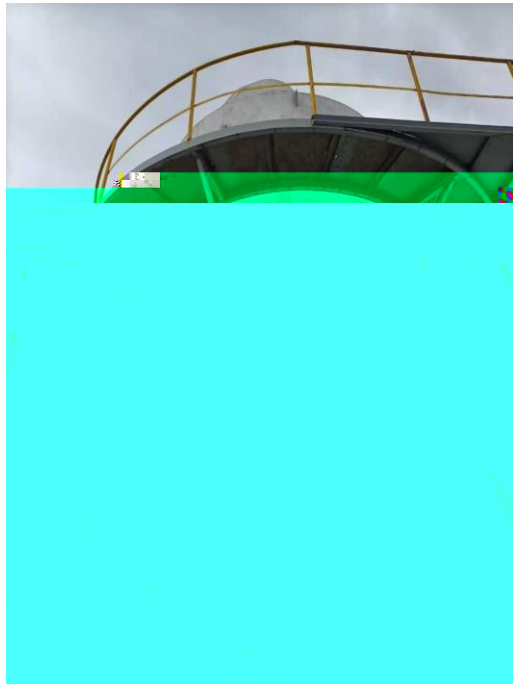
4-1

1				/
2		270 1 + ()+ +		270 (30m)
		270 1 + +		270 (30m)
3		9# 4 1 1 1 + +		9# (30m)
		3# 1 2.6m 3# 1 + +		3# (15m)
4				
5				

270



()



270



9#



1



2

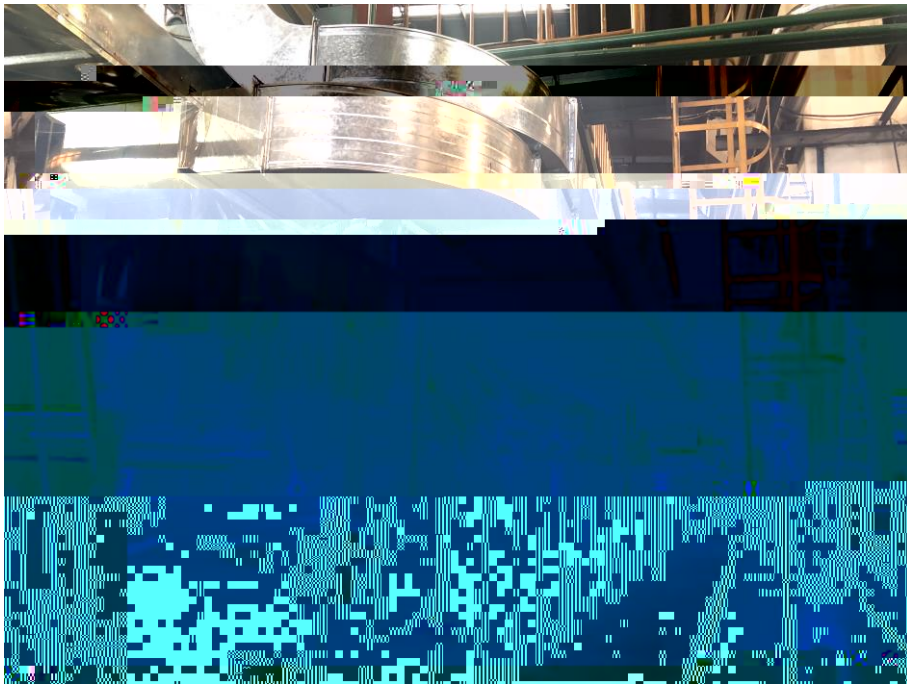


3#

+



1



2



+

4.1.2

100t/d

1

404t/a

2

0.07t/a

3

378t/a

4

4.8t/a

5

4t/a

6

2.4t/a

7

11t/a

70%

4-2

							t/a	2021 5 t	t/a		
1						/	378	33.7	404		
2						HW49 900-041-49	0.07	0.006	0.07		
3						/	350	31.5	378		

4

4.2

2.5

645

2.6%

4-3

4-3

					()
	+	1	+	+	+
	+		+	+	1
					635
					0
					10
					0
					645

4-4

		A	GB18918-2002		
		270			1
			270		
		+	+		270
					270
			270		1
				+	

5

5.1

5-1

5-1

		GB18918-2002 A	(GB27632-2011) 2
		270	1
		270	+
		+ +	1
		270	+
		270	+
	9# 4 1	+	6
	1		
	9#	+	(GB14554-93)
	+ +		(
	+ 3# 1 2.6m	1)
	3#	3#	
	+ + +		
			GB18483-2001
			GB16297-1996
			GB12348-2008 3

5.2

2020 0100

1000

1000

1000

5

5

25000

510 25000

~~500~~

10000

9#

19.2245 /
9.612 / 0.961 / 29.990 /
VOCs 7.793 /

O O

6

6.1

H₂S CS₂

GB27632-2011

5

6

6-1

6-1

		(mg/m ³)	(m ³ /t)		(mg/m ³)
		12	2000		1.0
		10	2000		4.0

VOCs

GB37822-2019

A A.1

6-2

6-2 VOCs

	mg/m ³		
NMHC	6	1 h	
	20		

H₂S CS₂

GB14554-93

()

6-3

6-3

	(m)	(kg/h)		(mg/m ³)
H ₂ S	15	0.33		0.06
	30	1.3		
CS ₂	15	1.5		3.0
	30	6.1		

6

GB18483-2001

6-4

6-4

1		1	3	6
2	10^8J/h	1.67	5.00	10
3	m^2	1.1	3.3	6.6
4	mg/Nm^3	2.0		
5	%	60	75	85

SO₂ NO_x

GB16297-1996

6-5

6-5

		(kg/h)		
	(mg/m^3)	(m)		(mg/m^3)
SO ₂	550	15	2.6	0.40
NO _x	240	15	0.77	0.12

6.2

GB27632-2011

2

6-7		pH	mg/L
			A
1	pH	6	9
2	COD _{Cr}		50
3	SS		10
4	BOD ₅		10
5		5	8 *
6			15
7			0.5
8			1

>12

6.3

GB12348-2008 3 6-8

6-8		dB(A)	
3		65	55

6.4

GB18599-2020

(GB 18599-2020)

GB18597-2001

2013 36

6.5

COD_{Cr} NH₃-N VOCs SO₂

NO_x

0.049t/a 9845t/a COD_{Cr} 0.492t/a NH₃-N
 0.639t/a VOCs 0.636t/a

COD_{Cr}

7-2

		270			
		270	H ₂ S	2	3 2
		9#		2	3 2
		3#	CS ₂ H ₂ S	2	3 2
					(GB18483-2001) 5 10 min 1

7.1.2.2

4 1 3
10m

VOCs

1 m 1.5 m

7-3

7-3

	9#		1 h	2	3 1
	4			2	3 4
	1 3	H ₂ S CS ₂			

7.1.3

4 1
1m 2 1

7-4

8

8.1

8-1

8-1

1		pH	pH GB/T 6920-1986
2			HJ 828-2017
3			HJ 535-2009
4			GB/T 11901-1989
5			636-2012 HJ
6			637-2018 HJ
7			GB/T 11893-1989
8			GB/T 16157-1996
9			15432-1995 GB/T
10			HJ 836-2017
11			2007

8.2

1

2

3

4

5

6

10%

10%

10%

10%

7

8

9

9

9.1

2021 5 21 22

9-1 9-2

9-1

	t/h	
	2021 5 21	2021 5 22
270	3.88	3.89
270	7.77	7.78
9#	1.188	1.189
3#	2.91	2.93

9-1

	m ²		(m ² /a)	(m ²)		
	2021.5.21	2021.5.22			2021.5.21	2021.5.22
	3.630	3.635	1000	3.333	109%	109%

300

109%

75%

9-3

9-3

			m/s		Kpa	
2021.5.21			2.6	23	100.9	
			2.6	24	100.9	
			2.6	24	100.9	
2021.5.22			2.1	22	100.9	
			2.1	23	100.9	
			2.1	22	100.9	

9.2

9.2.1

LQ202105231

9-4

9-4

3-5

9789t/a

10516t/a

9-6 270

1		/	2021.5.21			2021.5.22		
2		m	30			30		
3		/	1#			1#		
4		/						
5		/						
6		m ³ /h	7.14×10 ³	1.24×10 ⁴	1.17×10 ⁴	8.85×10 ³	6.56×10 ³	9.48×10 ³
7		m/s	0.7	1.2	1.2	0.9	0.7	1.0
8			23.8	23.5	23.5	23.9	24.1	25.7
9		m ²	3.1416	3.1416	3.1416	3.1416	3.1416	3.1416

1000

9-7

9-7 **270**

	2021.5.21	2021.5.22
--	-----------	-----------

9-9 9-10

9-9 270

1		/	2021.5.21			2021.5.22		
2		m	30			30		
3		/	2#			2#		
4		/						
5		/						
6		m ³ /h	8.49×10 ³	8.90×10 ³	8.73×10 ³	8.36×10 ³	8.33×10 ³	8.68×10 ³
7		m/s	6.6	6.9	6.7	6.5	6.5	6.7
8			31.5	31.7	31.4	33.7	32.9	32.9
9		m ²	0.4418	0.4418	0.4418	0.4418	0.4418	0.4418
10		m ³ /h	1.04×10 ⁴	1.10×10 ⁴	1.07×10 ⁴	1.03×10 ⁴	1.03×10 ⁴	1.07×10 ⁴
11		mg/m ³	93	80	78	60	59	67
12		mg/m ³	84			62		
13		kg/h	0.79	0.71	0.68	0.50	0.49	0.58
14		kg/h	0.73			0.52		
15		mg/m ³	3.75	4.25	4.46	4.21	3.54	3.45
16		mg/m ³	4.15			3.73		
17		kg/h	3.18×10 ⁻²	3.78×10 ⁻²	3.89×10 ⁻²	3.52×10 ⁻²	2.95×10 ⁻²	2.99×10 ⁻²
18		kg/h	3.62×10 ⁻²			3.15×10 ⁻²		
19		mg/m ³	0.02	0.03	0.02	0.02	0.03	0.03
20		mg/m ³	0.02			0.03		
21		kg/h	2×10 ⁻⁴	3×10 ⁻⁴	2×10 ⁻⁴	2×10 ⁻⁴	2×10 ⁻⁴	3×10 ⁻⁴
22		kg/h	2×10 ⁻⁴			2×10 ⁻⁴		

9-10 270

1		/	2021.5.21			2021.5.22		
2		m	30			30		
3		/	2#			2#		
4		/						
5		/						
6		m ³ /h	8.28×10 ³	8.26×10 ³	7.57×10 ³	8.15×10 ³	8.42×10 ³	8.25×10 ³
7		m/s	3.6	3.6	3.3	3.5	3.6	3.6

8			30.2	30.9	31.2	29.7	29.9	29.8
9		m ²	0.7854	0.7854	0.7854	0.7854	0.7854	0.7854
10		m ³ /h	1.01×10 ⁴	1.01×10 ⁴	9.29×10 ³	9.94×10 ³	1.03×10 ⁴	1.01×10 ⁴
11		mg/m ³	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
12		mg/m ³	<1.0			<1.0		
13		kg/h	<8.3×10 ⁻³	<8.3×10 ⁻³	<7.6×10 ⁻³	<8.2×10 ⁻³	<8.4×10 ⁻³	<8.2×10 ⁻³
14		kg/h	<8.1×10 ⁻³			<8.3×10 ⁻³		
15		mg/m ³	0.32	0.35	0.40	0.51	0.48	0.53
16		mg/m ³	0.36			0.51		
17		kg/h	2.6×10 ⁻³	2.9×10 ⁻³	3.0×10 ⁻³	4.2×10 ⁻³	4.0×10 ⁻³	4.4×10 ⁻³
18		kg/h	2.8×10 ⁻³			4.2×10 ⁻³		
19		mg/m ³	0.01	0.01	0.01	0.02	0.02	0.02
20		mg/m ³	0.01			0.02		

10mg/m³

GB14554-93

30m

1.3kg/h

30m

10500

270

9-12

9-12 270

	2021.5.21			2021.5.22			(%)
	(kg/h)	(kg/h)	(%)	(kg/h)	(kg/h)	(%)	
	0.73	8.10E-03	98.9	0.52	8.30E-03	98.4	98
	3.62E-02	2.80E-03	92.3	3.15E-02	4.20E-03	86.7	80
	2.00E-04	8.00E-05	60.0	2.00E-04	8.00E-05	60.0	50

270

3 9#

LQ202105231 LQ202105316 9#

9-13 9-14

9-13 9#

1		/	2021.5.21			2021.5.22		
2		m	30			30		
3		/	9#			9#		
4		/						
5		/						
6		m ³ /h	3.22×10 ⁴	3.15×10 ⁴	3.19×10 ⁴	3.23×10 ⁴	3.14×10 ⁴	2.91×10 ⁴
7		m/s	3.6	3.5	3.5	3.6	3.5	3.2
8			31.1	31.0	30.8	30.7	30.8	31.0
9		m ²	2.8000	2.8000	2.8000	2.8000	2.8000	2.8000
10		m ³ /h	3.61×10					

18		kg/h	6×10^{-4}			7×10^{-4}		
19		mg/m ³	10.3	10.4	9.67	8.93	10.4	10.3
20		mg/m ³	10.1			9.88		
21		kg/h	0.332	0.328	0.308	0.288	0.327	0.300
22		kg/h	0.323			0.305		

9-14 9#

1		/	2021.5.21			2021.5.22		
2		m	30			30		
3		/	9#			9#		
4		/						
5		/						
6		m ³ /h	3.07×10^4	3.00×10^4	2.95×10^4	3.09×10^4	3.03×10^4	2.89×10^4
7		m/s	3.0	3.0	2.9	3.1	3.0	2.9
8			31.1	30.9	30.8	30.8	30.8	31.1
9		m ²	3.1416	3.1416	3.1416	3.1416	3.1416	3.1416
10		m ³ /h	3.44×10^4	3.36×10^4	3.30×10^4	3.46×10^4	3.39×10^4	3.23×10^4
11		mg/m ³	0.43	0.41	0.47	0.47	0.42	0.46
12		mg/m ³	0.44			0.45		
13		kg/h	1.3×10^{-2}	1.2×10^{-2}	1.4×10^{-2}	1.5×10^{-2}	1.3×10^{-2}	1.3×10^{-2}
14		kg/h	1.3×10^{-2}			1.4×10^{-2}		
15		mg/m ³	0.04	0.03	0.03	0.04	0.03	0.03
16		mg/m ³	0.03			0.03		
17		kg/h	1×10^{-4}	9×10^{-5}	9×10^{-5}	1×10^{-4}	9×10^{-5}	9×10^{-5}
18		kg/h	9×10^{-5}			9×10^{-5}		
19		mg/m ³	1.02	0.90	1.15	1.27	1.15	0.90
20		mg/m ³	1.02			1.11		
21		kg/h	3.1×10^{-2}	2.7×10^{-2}	3.4×10^{-2}	3.9×10^{-2}	3.5×10^{-2}	2.6×10^{-2}
22		kg/h	3.1×10^{-2}			3.3×10^{-2}		

9-15 9#

		2021.5.21	2021.5.22
m ³ /h		33666.7	33600.0
t /h		1.188	1.189
m ³ /t		2000	2000
m ³ /t		28339.0	28259.0
(kg/h)		1.30E-02	1.40E-02
(mg/m ³)		0.440	0.450
(mg/m ³)		6.23	6.36
GB27632-2011	(mg/m ³)	10	10

9#

GB27632-2011 5

10mg/m³

GB14554-93

30m

1.3kg/h

30m

6.1kg/h

30m

10500

9#

9-16

9-16 9#

	2021.5.21			2021.5.22			(%)
	(kg/h)	(kg/h)	(%)	(kg/h)	(kg/h)	(%)	
	0.124	1.30E-02	89.5	0.141	1.40E-02	90.1	85
	6.00E-04	9.00E-05	85.0	7.00E-04	9.00E-05	87.1	85
	0.323	3.10E-02	90.4	0.305	3.30E-02	89.2	85

9#

4 3#

LQ202105231 LQ202105316 3#

9-17

9-18

9-17 3#

1		/	2021.5.21	2021.5.22
2		m	15	15

8			30.7	31.0	31.2	30.8	30.7	30.6
9		m ²	3.1416	3.1416	3.1416	3.1416	3.1416	3.1416
10		m ³ /h	2.93×10 ⁴	3.24×10 ⁴	3.17×10 ⁴	3.57×10 ⁴	3.31×10 ⁴	3.21×10 ⁴
11		mg/m ³	0.40	0.40	0.41	0.45	0.40	0.42
12		mg/m ³	0.40			0.42		
13		kg/h	1.0×10 ⁻²	1.2×10 ⁻²	1.2×10 ⁻²	1.4×10 ⁻²	1.2×10 ⁻²	1.2×10 ⁻²
14		kg/h	1.1×10 ⁻²			1.3×10 ⁻²		
15		mg/m ³	0.01	0.02	0.02	0.02	0.03	0.02
16		mg/m ³	0.02			0.02		
17		kg/h	3×10 ⁻⁴	6×10 ⁻⁴	6×10 ⁻⁴	6×10 ⁻⁴	9×10 ⁻⁴	6×10 ⁻⁴
18		kg/h	5×10 ⁻⁴			7×10 ⁻⁴		
19		mg/m ³	1.27	1.64	1.77	1.40	1.64	1.27

20

9-22

1		/	2021.5.22
2		m	15
3		/	
4		/	

5

	()						
			()	mg/m ³	mg/m ³	(mg/m ³)	(mg/m ³)
2021.5.22	()		<10	0.006	0.018	0.52	0.27
			<10	0.006	0.073	0.58	0.20
			<10	0.008	0.055	0.56	0.27
	()		<10	0.007	0.073	0.56	0.20
			<10	0.007	0.037	0.50	0.33
			<10	0.005	0.110	0.54	0.27
	()		<10	0.006	0.055	0.51	0.27
			<10	0.004	0.037	0.55	0.27
			<10	0.005	0.055	0.54	0.33
	()		<10	0.004	0.037	0.57	0.20
			<10	0.003	0.073	0.55	0.27
			<10	0.005	0.055	0.59	0.06
	()		<10	0.005	0.073	0.55	0.20
			<10	0.004	0.037	0.59	0.27

9-24		1 h	
			1 h (mg/m ³)
2021.5.21	9#		0.51
			0.56
			0.58
2021.5.22	9#		0.64
			0.73
			0.70

9-25			
			(mg/m ³)
2021.6.3	9#	8:53	0.62
		12:16	0.53
		14:25	0.57
2021.6.4	9#	8:49	0.61
		11:38	0.54
		14:03	0.54

VOCs

GB37822-2019 A A.1

1 h 6mg/m³ 20mg/m³

9.2.3

10m 130m

LQ202105231

9-26

9-26 L\$

				Leq dB(A)	Leq dB(A)
--	--	--	--	-----------	-----------

			Leq dB(A)		Leq dB(A)	
4#			9:19	57.1	22:18	47.5
5#			8:40	49.3	22:23	47.0
6#			8:53	49.8	22:34	46.7

GB 12348-2008 3

65B 55B

GB3096-2008 2

60dB 50dB

9.2.4

9-27

9-27

							t/a	2021 t	5 t/a
1						/	378	33.7	404
2						HW49 900-041-49	0.07	0.006	0.07
3						/	350	31.5	378
4						/	4.76	0.4	4.8
5						HW49 900-039-49	4	0	4
6						/	2.07	0.2	2.4

							t/a	2021 t	5 t/a
7						/	10.4	0.9	11
8						/	53.4	4.8	57.6

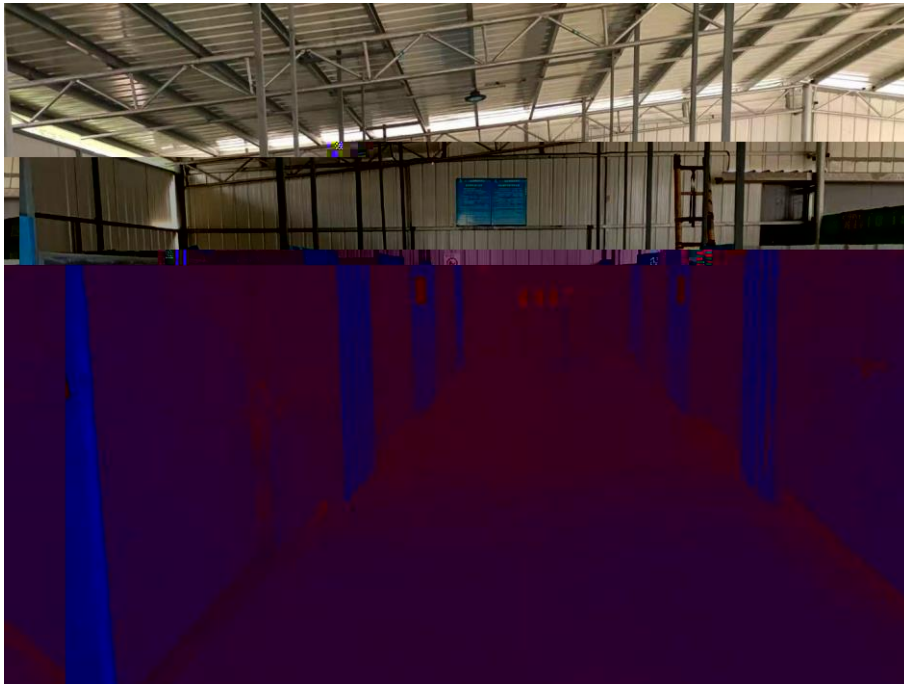
900-041-49
2021 5
2016
2021
HW49 900-039-49
5
9-28
HW49
VOCs

9-28

				2021 t/a				
1				33.7			/	
2				0.006			00050	
3				31.5			/	
4				0.4			/	
5	*			0			00050	
6				0.2			/	

7





GB18599-2020

GB18597-2001

5

9.2.5

1

2021 5

889.2t 5

109%

9789t/a

1000

0.489t/a

0.049t/a

2

VOCs

VOCs

9-29

9-29

			*			
		kg/h			h/a	(t/a)

VOCs

10

10.1

10.1.1

GB27632-2011 2
100% 0.93m³/t
GB27632-2011 7m³/t

10.1.2

270 270

GB27632-2011 5
GB14554-93

9# 3#
GB27632-2011 5

GB14554-93

10.1.3

GB

12348-2008 3

GB3096-2008 2

10.1.4

GB18599-2020

GB18597-2001

5

10.1.5

10.2

1

2

3

10.3

1000

1000

:

	1000													
	52													
	1000										1000			
											2020 0100			
	2020.7.18										2020.12.31		2020 8 27	
													75%	
	25000										510		(%)	2%
	25000										645		(%)	2.6%
	0		635		10						0		0	/
	/										2		7200h/a	
											91330000146885956E		2021.5	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
t/a						0.9789	0.9845				19.2245			
						0.489	0.492				9.612			
						0.049	0.049				0.961			
						0.115	0.639				29.990			
						0.217	0.636				7.793			
1	+	-	2	12 = 6 - 8 - 11	9 = 4 - 5 - 8 - 11	+ 1 3	/	/	/	/	/	/	/	