

15163233774

277000

15163233774

277000

JFE

2013 50 t/a

2016 4 2017 3
4 t/a

40m

VOCs

1218 4 /

2021 8 31

2108-370403-07-02-291594

2021 9

4 /

2022 2 16

202237040300000008

2022 3 1

2022 5 30

2022 6

2022 7 14

2022 7 15

4 /

[2017]4

2022 8 3 ~4

4 /

HJYS 2022 0803001

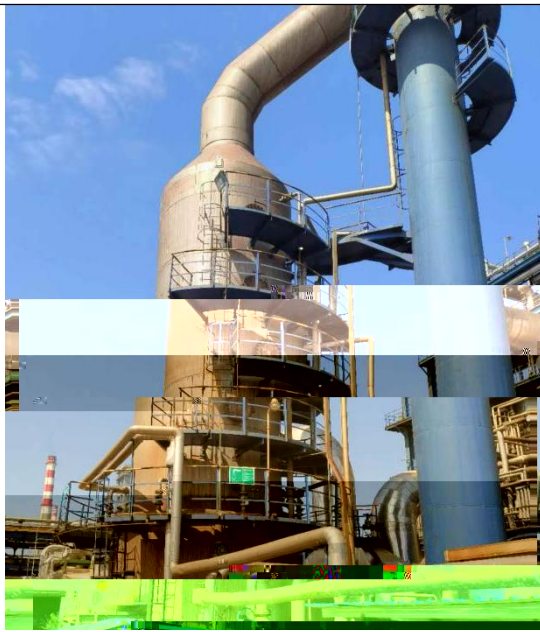
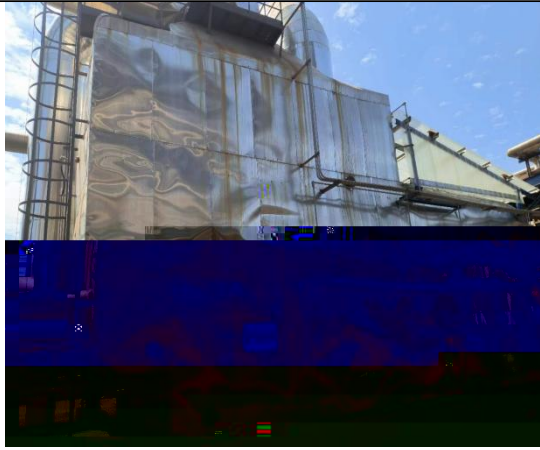
4 /

5.

[2017]4. ¢@

6.





2-2

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

5		1		1
6		1		1

2-3

1		m ³ /h	70000	70000	
2		m ³ /3a	2.5	2.48	

1

2

3

4 /

300°C

CO

CO₂ H₂O

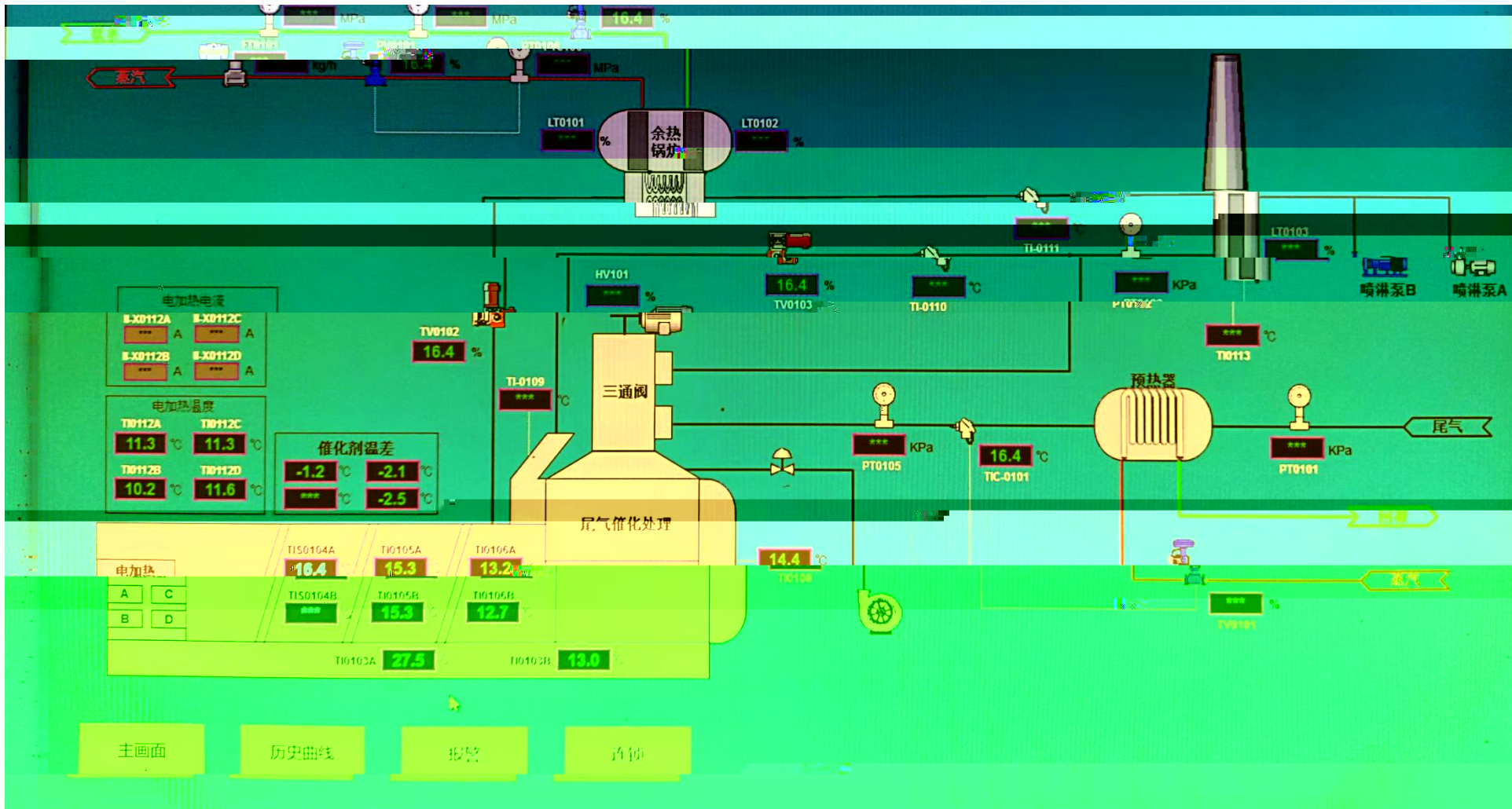
420°C

160 180°C

1

2

3



		VOCs	40
370403-2022-27-L			

300°C

CO

CO₂

H₂O

420°C

160 180°C

3.1.3

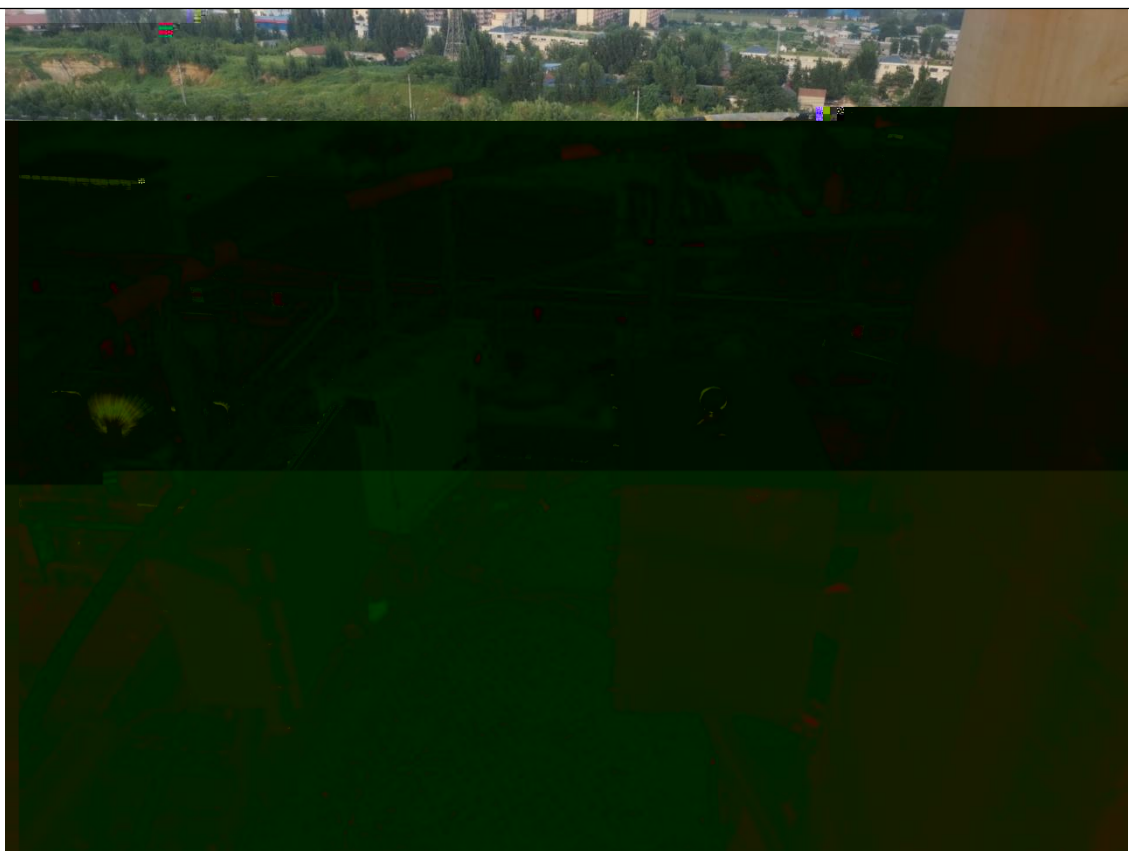
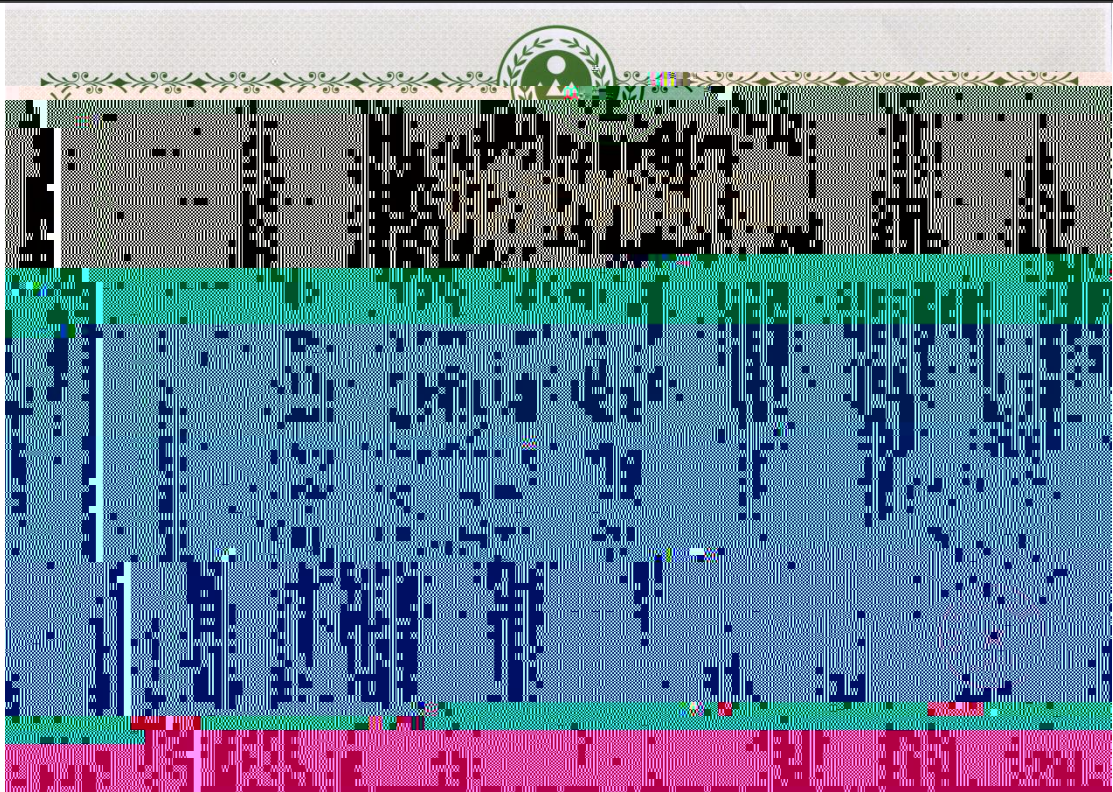
3.1.4

3

2.484t/3a

		VOCs	40

VOCs		HV-3060	
		TPF-400	
		TPF-400	
		TPF-400	
		TPF-400	





1218

2019

15 “ ”

4

/

12

2022 2

4-1

4-2.

4-1

4 /	4 /	
12		

	12	

--	--	--

()

5-1 5-2

	VOCs	HJ 38-2017	0.07mg/m ³
		HJ 1132-2020	1mg/m ³
	VOCs	HJ 604-2017	0.07mg/m ³

1		A1611SP045		2022.3.1-2023.2.28
2		A1611HJ325		2022.3.1-2023.2.28
3		A1611HJ370		2021.11.10-2022.11.9

1

2

3

3

4

HJ1132-2020

20%~100%

5-3

()

	[mg/m ³]	[mg/m ³]	[mg/m ³]	[ppm]	
	70	70	0	2%	
	70	70	0	2%	

5

VOCs

HJ38

HJ604

0.995

10%

15%

5-4 VOCs

()

					(%)	
		(mg/m ³)	(mg/m ³)	(%)		
VOCs()	FQ220803025	1.20	1.19	0.84	15	
	FQ220803034	1.18				
VOCs()	FQ220803033	1.10	1.10	0.46	15	
	FQ220803035	1.09				
VOCs()	FQ220804025	1.20	1.20	0.42	15	
	FQ220804034	1.19				
VOCs()	FQ220804033	1.19	1.18	0.85	15	
	FQ220804035	1.17				
VOCs()	FQ220803006	1.40	1.40	0.36	15	
	FQ220803007	1.39				
VOCs()	FQ220804006	1.42	1.42	0.35	15	
	FQ220804007	1.43				

1

6-1

6-1

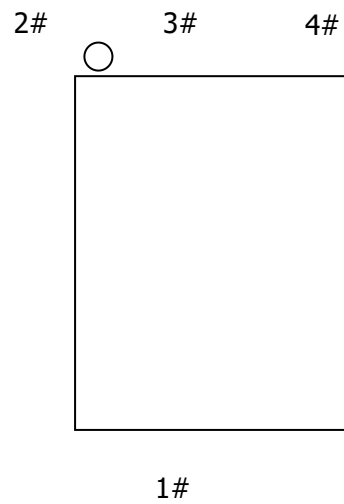
		VOCs	DA005	2 3

2

6-2

6-2

1#		VOCs	2 4
2#-4#			



7.2.1

1

7-1

2022.8.3		Nm ³ /h	7.13×10 ⁴	7.12×10 ⁴	6.95×10 ⁴	/	/
		VOCs mg/m ³	1.36	1.44	1.40	60	
		VOCs kg/h	0.097	0.10	0.097	3.0	
		mg/m ³	47	47	47	/	/
		mg/m ³	73	72	68	100	
		kg/h	3.4	3.3	3.3	/	/
2022.8.4		Nm ³ /h	6.97×10 ⁴	6.97×10 ⁴	6.97×10 ⁴	/	/
		VOCs mg/m ³	1.46	1.37	1.42	60	
		VOCs kg/h	0.10	0.095	0.099	3.0	
		mg/m ³	52	54	52	/	/
		mg/m ³	85	86	81	100	
		kg/h	3.6	3.8	3.6	/	/

7-1

VOCs

2.40mg/m³

0.10kg/h

GB 31571-2015

4

6

(DB37/ 2801.6-2018) 1 II

86mg/m³

DB37/

2376-2019 1“ ”

2

7-2 7-3

6-1

7-2

		°C)	kPa		m/s	
2022.8.3	12:02	33.2	100.3	S	1.7	
	13:05	34.6	100.2	S	2.1	
	13:48	34.9	100.2	S	1.9	
	14:27	35.1	100.0	S	1.9	
2022.8.4	9:49	32.7	100.2	S	2.6	
	10:23	32.9	100.2	S	2.4	
	11:04	33.5	100.1	S	2.6	
	11:40	34.2	100.0	S	2.7	

7-3

2022.8.3	VOCs	1#	0.81	0.90	0.85	0.78	2.0	
		2#	1.09	1.11	1.14	1.08		
		3#	1.12	1.16	1.18	1.13		
		4#	1.15	1.19	1.13	1.10		
2022.8.4	mg/m ³	1#	0.86	0.93	0.90	0.82		
		2#	1.19	1.09	1.05	1.17		
		3#	1.15	1.14	1.11	1.13		
		4#	1.18	1.20	1.08	1.18		

VOCs 1.20mg/m³

				78817	58	4.31
			kg/h	kg/h	t/a	
DA005	8000h/a	VOCs	0.242	0.098	1.16	
			4.31	3.50	6.48	
			VOCs			
1.16t/a		6.48t/a				

1218

70000m³/h

8.1

VOCs

2.40mg/m³

0.10kg/h

GB 31571-2015

4

6

(DB37/ 2801.6-2018) 1 II

86mg/m³

DB37/ 2376-2019

1“

”

VOCs

1.20mg/m³

6

DB 37/2801.6-2018

8.2