

0

13458554190

18016138667

709

				"	"	
						"
"			4500m ²	"		"
"	"					
	2017	12	08			
2017-510626-21-03-235281			FGQB-0755		2018	1
					2018	3 7
			2018	43		
	2018	3				
				2019	6	
"			"		2019	6
	2019	7			2019	11

- 1
- 2
- 3
- 4
- 5

	<p>1 253</p> <p>2 13</p> <p>3 [2000]38</p> <p>4 [2003]001</p> <p>5 [2002]222</p> <p>6 < ></p> <p>2017 4</p> <p>7</p> <p>2017-510626-21-03-235281 FGQB-0755 2017 12 8</p> <p>8 2018</p> <p>1</p> <p>9 [2017] 78 2017 12 26</p> <p>10</p> <p>2018 43 2018</p> <p>3 7</p> <p>11</p>
	<p>1 GB8978-1996</p> <p>GB8978-1996</p> <p>2 GB12348 2008</p> <p>3</p> <p>3 GB16297-1996 2</p> <p>4</p> <p>GB18599-2001</p>

1

4500m²

1

2

1

1

	1F	4500m ²		
		100m ²		
	2	20m		
		20m ²		
			/	
		100m ²		

			1		
		1	1		
		1	1	+	
			15m		
		+15m	+ 1		
			+	+	
					/
			+		/
			1		/
		50m ²			/
		1	30m ²		/

3

2

1		2100 /a	2100 /a
2		3000m ² /a	3000m ² /a
3		3800m ² /a	3800m ² /a
4		1000m ² /a	1000m ² /a
5		1000 /a	1000 /a

4

3

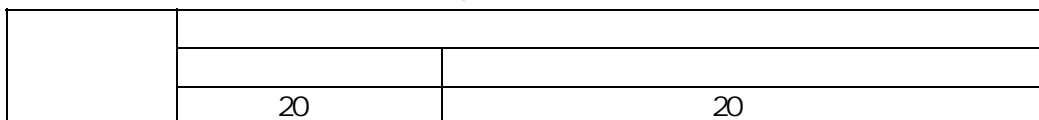
1		16m*7m*4m	1	1
2		15m*7m*4m	1	1
3		7m*4m	1	1
4			1	1
5			7	7
6		MFB-60C	1	1
7		MZB73223B	1	1
8		MXS5115A	1	0
9			1	0
10		Z516BC	2	2
11		/	1	1
12		/	2	2
13		YMH48× 60	1	1
14		MY50Y	1	1
15		/	2	2
16		/	1	0
17		/	1	1
18		/	1	1
19		/	1	1
20		/	1	1
21		/	1	1

5

12h

300

4

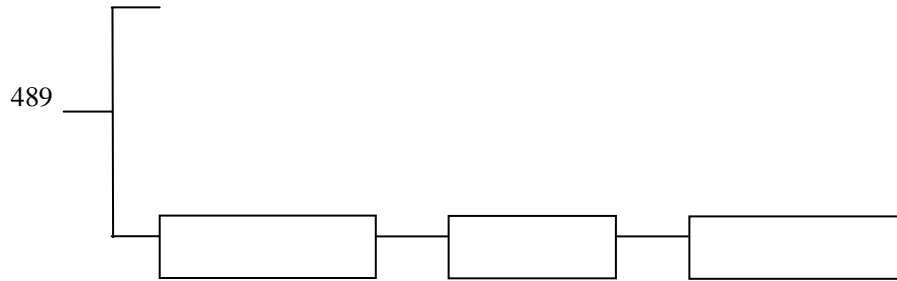


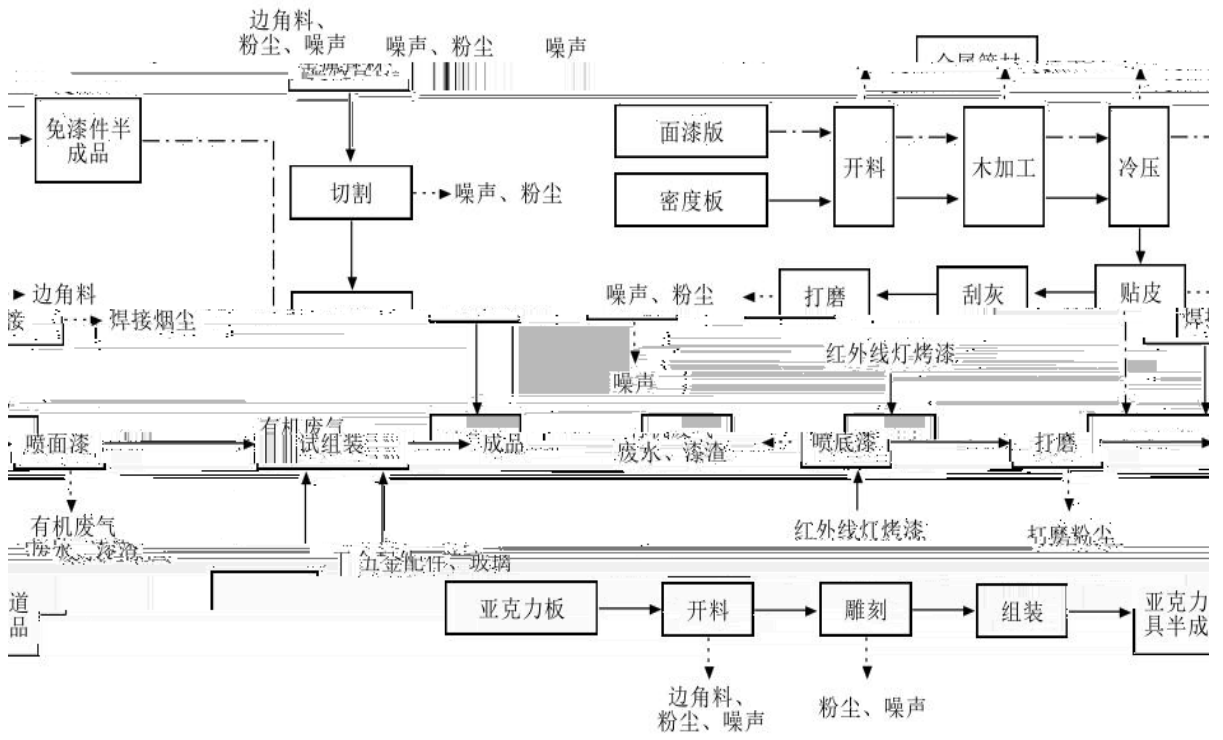
1

5

		1200 960t/a	1200 960t/a
		200 160/a	200 160/a
		20 20t	20 20t
		100 70t	100 70t
		0.5t	0.5t
		3t	3t
		2t	2t
		500m ²	500m ²
		5kg/a	5kg/a
PE 1.3t/a		1.12t	1.12t
		0.15t	0.15t
		0.02t	0.02t
		0.02t	0.02t
		1.6t	1.6t
PU 1.4t/a	PU	0.70t	0.70t
	PU	0.42	0.42
	PU	0.28	0.28
1.5t/a		1.5t	1.5t
		0.6t/a	0.6t/a
		0.8t/a	0.8t/a
		5	4.7
		-	

2





1

1

2

3

4

1

2

+

+UV

15

15

15

+

3

4

5

6

6

t/a

			0.054	0.82	+ +15m	+ +15m
			0.303	0.303		
			0.147	0.147	+	+
			0.024	0.036	UV + +15m	UV +15m
		0.023	0.023			

	VOCs		0.104	0.058	UV +15m	UV +15m
			0.115	0.115		
			336	80	1 2	
				240		
				3.0		

5			/		/

20m²

C2110

(2011 2013)

2005 40

2017-510626-21-03-235281

FGCB-0755

4500m²

1

GB3095-2012

2

GB3838-2002

3

1

1

15m

GB16297-1996

GB16297-1996

2

UV

+

15m

2

GB8978-1996

3

1

4

" "

GB 18597-2001

4

COD NH₃-N

VOCs

VOCs

COD NH₃-N

COD NH₃-N

4500m²

2100m

3000m²

3800m²

1000m²

1000

95

40

2011 ()

2017-510626-21-03-235281 FGOB-0755

"

"

LW

+

15 m

15 m

100m

COD 0.029t/a NH₃-N 0.003t/a VOCs: 0.219t/a

" "

5

1

2

3

4

5

6

7

HJ/T91-2002

8

GB12348-2008

8

		GB12348-2008	AVA6221A TJHJ2016-09	
			AVA6228+ TJHJ2016-04	

1-2 " "

1

4

1 2 2

2

11

1	3	VOCs
		3 / 2
		VOCs

12

--	--

GB16297-1996 2

	COD	500	
	BOD5	300	
	SS	400	
		100	
		0.5	
		0.5	
		1.0	
		1.0	
		1.0	
		1.0	
	GB12348-2008		
	4	3	
		3 65 dB(A)	4 70 dB(A)
		3 55 dB(A)	4 55 dB(A)

13

	2019 7 1	2019 7 2
	80%	84%

1

2019 7 1-2

		4#	0.350	0.383	0.350
	7 2	1#	0.117	0.150	0.150
		2#	0.300	0.283	0.317
		3#	0.383	0.367	0.367
		4#	0.317	0.283	0.300
$\mu\text{g}/\text{m}^3$	7 1	1#			
		2#			
		3#			
		4#			
	7 2	1#			
		2#			
		3#			
		4#			
$\mu\text{g}/\text{m}^3$	7 1	1#		0.8	0.4
		2#	1.9	3.5	0.5
		3#	4.2	5.5	2.1
		4#	1.9	2.5	2.6
	7 2	1#	1.0	1.1	0.8
		2#	1.4	3.0	1.5
		3#	4.2	2.4	1.3
		4#	1.4	1.8	4.2
$\mu\text{g}/\text{m}^3$	7 1	1#	3.5	3.0	3.2
		2#	10.5	3.0	7.1
		3#	12.5	15.9	6.7
		4#	2.6	2.8	2.7
	7 2	1#	1.0	2.0	3.0

		2#	1.9	3.0	2.4
		3#	2.3	1.1	4.6
		4#	1.7	1.5	2.8
VOCs	7 1	1#		0.12	0.11
		2#	0.25	0.29	0.33
		3#	0.56	0.52	0.47
		4#	0.98	0.92	0.84
	7 2	1#			0.08
		2#	0.94	0.97	0.66
		3#	0.59	0.52	0.62
		4#	0.45	0.56	0.61

16

7 1			ng/m ³	91.0	92.2	93.6
			m ³ /h	3531	5790	7322
			ng/m ³	40.6	39.1	39.6
			kg/h	0.143	0.226	0.290
7 2			ng/m ³	101	105	103
			m ³ /h	5449	5204	5328
			ng/m ³	45.7	42.1	45.0
			kg/h	0.249	0.219	0.240
7 1			ng/m ³			
			ng/m ³	0.462	0.243	0.378
			ng/m ³	1.14	1.65	0.597
		VOCs	ng/m ³	13.3	12.3	14.1
			m ³ /h	5991	11622	10828

			ng/m ³			
			kg/h	-	-	-
			ng/m ³	0.098	0.055	0.022
			kg/h	5.87× 10 ⁻⁴	6.39× 10 ⁻⁴	2.38× 10 ⁻⁴
			ng/m ³	0.165	0.394	0.286
			kg/h	9.89× 10 ⁻⁴	4.58× 10 ⁻⁴	3.10× 10 ⁻⁴
		VOCs	ng/m ³	1.45	1.56	1.79
		VOCs	kg/h	8.69× 10 ⁻³	0.0181	0.0194
7 2			ng/m ³			
			ng/m ³	0.474	1.12	0.777
			ng/m ³	0.855	1.83	2.58
		VOCs	ng/m ³	15.3	12.3	14.0
			m ³ /h	13006	10219	10648
			ng/m ³			
			kg/h	-	-	-
			ng/m ³	0.082	0.049	0.032
			kg/h	1.07× 10 ⁻³	5.01× 10 ⁻³	3.41× 10 ⁻³
			ng/m ³	0.135	0.307	0.372
			kg/h	1.76× 10 ⁻³	3.14× 10 ⁻³	3.96× 10 ⁻³
			VOCs	ng/m ³	1.47	1.54
		VOCs	kg/h	0.0191	0.0157	0.0156

VOCs 1.79ng/m³ 0.98ng/m³

0.098ng/m³ 5.5μ g/m³

0.394ng/m³ 15.9μ g/m³

DB51/2377-2017 3 5 VOCs 60ng/m³ 5ng/m³

15ng/m³ VOCs2 0ng/m³ 0.1ng/m³ 0.2ng/m³ 0.2ng/m³

45.7ng/m³ 0.383ng/m³

(GB16297-1996) 2 (120ng/m³

1.0ng/m³

3

2019 7 1-2

17

mg/L

pH	7 3		7.10	7.12	7.11
	7 4		7.13	7.10	7.10
	7 3		41.1	41.0	40.8
	7 4		41.0	40.9	41.0
	7 3		182	185	180
	7 4		178	181	181
	7 3		31	31	30
	7 4		30	31	30
	7 3		62	60	63
	7 4		65	63	66
	7 3		0.09	0.10	0.08
	7 4		0.08	0.09	0.08

7 3

U

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U

1						
	pH					
		GB8978-1996	4			
2				57.4dB A		46.5dB A
				GB12348-2008	3	
3	VOCs			1.79ng/m ³		0.98ng/m ³
	0.098ng/m ³			5.5μg/m ³		
	0.394ng/m ³			15.9μg/m ³		
	DB51/2377-2017	3	5		VOCs 60ng/m ³	5ng/m ³
	15ng/m ³			VOCs2 0ng/m ³	0.1ng/m ³	0.2ng/m ³
				45.7ng/m ³		0.2ng/m ³
	(GB16297-1996)	2			0.383ng/m ³	
	1.0ng/m ³				(120ng/m ³
4						
5						
6					100m	
7						

8

VOCs 0.173t/a

" "

"

"

1

2