

20000

2019 12

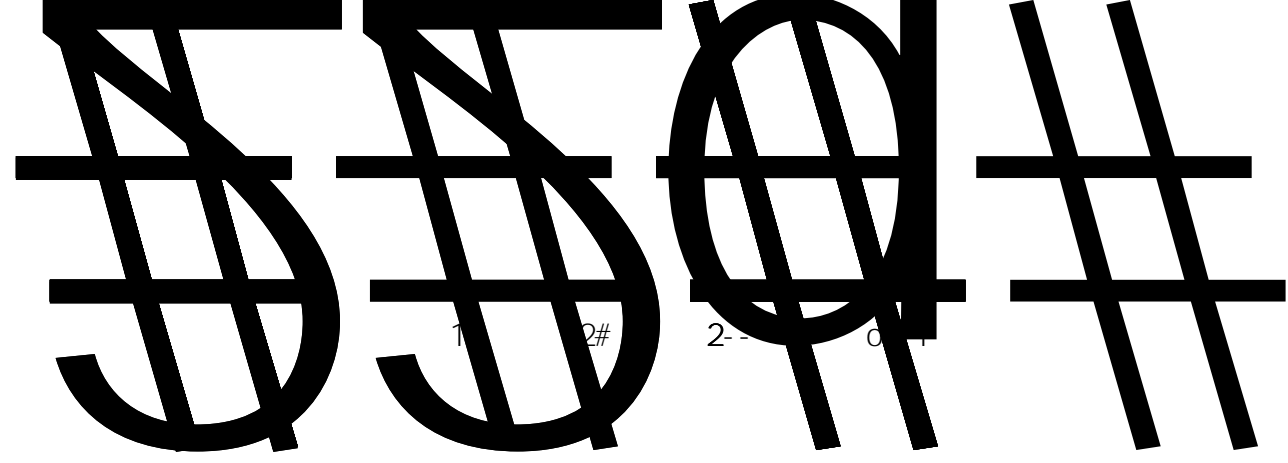
13628100910

22

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18016138667

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13628100910

618403

22

24642m²

24138m²

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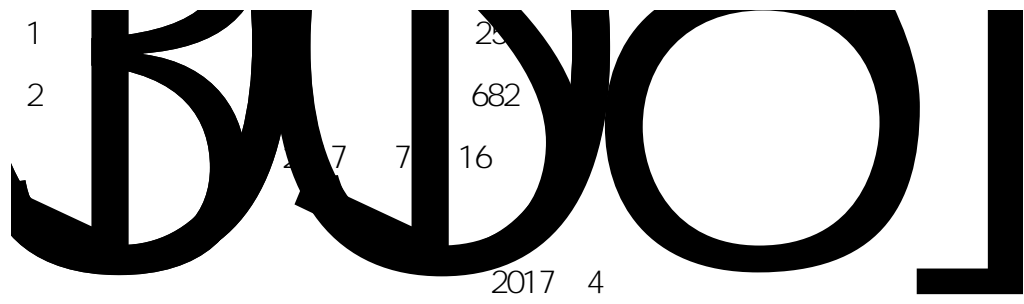
		35m ³	145m ³	5	9
+	+UV	5	5		200m ²
	20000	0.5m	0.5m		7000
			13000		
	5000	0.75 m	0.35m		
1000		4000			
2019	4			2018	3
2018	6			2019	11 4-7

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5 [2002] 222

6 [2006] 61

7 [2006] 1

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	1		GB8978-1996
	2		
	GB12348-2008	2	
	3		GB16297-1996
	DB51/2377-2017	3	
	4		
	GB18599—2001	2013	
			GB18597-2001

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[2019-510682-30-03-332744] FGCB-0033

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" + +UV " 15m
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 8100
 1 24642m² 24138m² 4
 35m³ 145m³
 5 9 + +UV 5
 200m²

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	1#	2F 900m ²	1F 900m ²		

	2F				
	12298.30m ²	5			
2#	2	2			
	2				
	2#	2-1#			
	2-2#				
	2F		1F		
	3923.94m ²	4	3923.94m ²	4	
3#	1	1	1	1	
	1		1		
	2F		1F		
	5999.68m ²	4	5999.68m ²	4	
4#	2	2	2	2	
	1		1		

90m²

2F 1#

900m² 200m²

20m²

1

35m²

		0.5t/a	0.13t/a
		40000Kw h	20000Kw h
		1452m ³	502m ³

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1		1	1	
2		4	4	
3		6	6	
4		5	5	
5		3	3	
6		6	6	
7		3	3	
8		2	2	
9		41	41	
10	VOC	4	5	
11		9	9	

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	90	20

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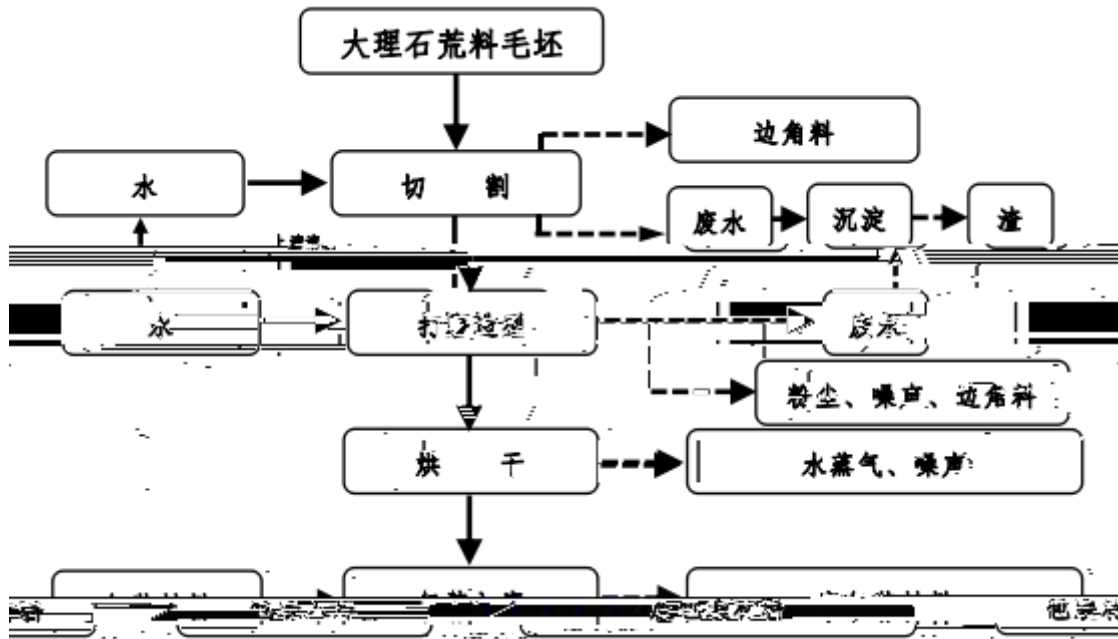
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+UV

145m³

15m



1

20mm 10mm

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145m³

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+UV

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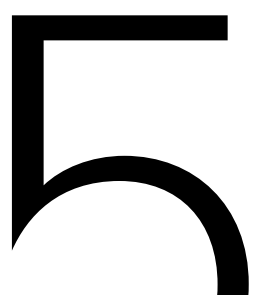
0.1924t/a /

VOCs 0.003325t/a 0.003t/a +UV 15m

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1			1 35m ³	5		5	
			2-1# 2-2# 3# 4# 1	20		20	
			145m ³ 4 1# 1	5	1#	5	
2			2-1# 2-2# 3# 4# 8	48		48	
			1#	10	1#	10	
3			4 +UV + +15m	84	5 +UV + +15m	100	
4				5		5	
5			1 10m ²	5	1 60m ²	5	
			1	2		2	
6				10		10	
7				4		4	
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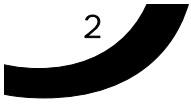
2019 11 4-7

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	1 3	VOCs	
1#	VOCs		2 3 /
1#			
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DB51/2377-2017 3 4 DB51/2377-2017
5 6 3 4 5 6

	mg/m ³	m	kg/h	mg/m ³	mg/m ³	m	kg/h	mg/m ³
VOCs	60	15	344	2.0				

		mg/m ³			
		mg/m ³			
		kg/h	-	-	-
1#		mg/m ³	0.147	0.111	0.128
		mg/m ³	0.147	0.111	0.128
		kg/h	2.25 × 10 ⁻³	1.69 × 10 ⁻³	1.95 × 10 ⁻³
	VOCs	mg/m ³	0.17	0.21	0.18
	VOCs	mg/m ³	0.17	0.21	0.18
	VOCs	kg/h	2.61 × 10 ⁻³	3.21 × 10 ⁻³	2.74 × 10 ⁻³
		mg/m ³	0.070	0.060	0.070
		mg/m ³	0.070	0.060	0.070
		kg/h	1.07 × 10 ⁻³	9.17 × 10 ⁻⁴	1.07 × 10 ⁻³
		mg/m ³			
		mg/m ³			
1#		mg/m ³	0.441	0.404	0.428
	VOCs	mg/m ³	0.91	1.14	0.96
		mg/m ³	0.620	0.630	0.630
		m ³ /h	22175	19682	17569
		mg/m ³			
		mg/m ³			
		kg/h	-	-	-
		mg/m ³			

	2#		mg/m ³	0.141	0.138	0.135
			mg/m ³	0.141	0.138	0.135
			kg/h	1.94×10 ⁻³	2.54×10 ⁻³	2.36×10 ⁻³
		VOCs	mg/m ³	0.22	0.23	0.22
		VOCs	mg/m ³	0.22	0.23	0.22
		VOCs	kg/h	3.03×10 ⁻³	4.23×10 ⁻³	3.85×10 ⁻³
			mg/m ³	0.050	0.082	0.070
			mg/m ³	0.050	0.082	0.070
			kg/h	6.89×10 ⁻⁴	1.51×10 ⁻³	1.23×10 ⁻³
11 6	3#		mg/m ³			
			mg/m ³			
			mg/m ³	0.449	0.439	0.434
		VOCs	mg/m ³	1.03	0.99	1.02
			mg/m ³	0.670	0.680	0.689
	3#		m ³ /h	28645	23884	22464
			mg/m ³			
			mg/m ³			
			kg/h	-	-	-
			mg/m ³			
			mg/m ³			
			kg/h	-	-	-
			mg/m ³	0.131	0.133	0.123
			mg/m ³	0.131	0.133	0.123
			kg/h	3.75×10 ⁻³	3.18×10 ⁻³	2.76×10 ⁻³
		VOCs	mg/m ³	0.23	0.20	0.15
		VOCs	mg/m ³	0.23	0.20	0.15
		VOCs	kg/h	6.59×10 ⁻³	4.78×10 ⁻³	3.37×10 ⁻³
	mg/m ³	0.220	0.240	0.230		
	mg/m ³	0.220	0.240	0.230		
	kg/h	6.30×10 ⁻³	5.73×10 ⁻³	5.17×10 ⁻³		
11 7			mg/m ³			
			mg/m ³			
			mg/m ³	0.429	0.441	0.431

11	3#	VOCs	mg/m ³	1.03	1.10	1.01	
			mg/m ³	0.633	0.644	0.622	
			m ³ /h	25558	20605	20297	
			mg/m ³				
			mg/m ³				
			kg/h	-	-	-	
			mg/m ³				
			mg/m ³				
			kg/h	-	-	-	
			mg/m ³	0.129	0.136	0.131	
			mg/m ³	0.129	0.136	0.131	
			kg/h	3.30×10 ⁻³	2.80×10 ⁻³	2.66×10 ⁻³	
		VOCs	mg/m ³	0.21	0.21	0.22	
		VOCs	mg/m ³	0.21	0.21	0.22	
		VOCs	kg/h	5.37×10 ⁻³	4.33×10 ⁻³	4.46×10 ⁻³	
			mg/m ³	0.190	0.190	0.200	
			mg/m ³	0.190	0.190	0.200	
		kg/h	4.86×10 ⁻³	3.91×10 ⁻³	4.06×10 ⁻³		
	6	4#		mg/m ³			
				mg/m ³			
				mg/m ³	0.444	0.419	0.417
			VOCs	mg/m ³	1.06	1.10	1.06
				mg/m ³	0.608	0.630	0.630
		4#		m ³ /h	42901	40503	40291
				mg/m ³			
				mg/m ³			
				kg/h	-	-	-
				mg/m ³			
			mg/m ³				
	kg/h	-	-	-			
	mg/m ³	0.124	0.128	0.126			
	mg/m ³	0.124	0.128	0.126			
	kg/h	5.32×10 ⁻³	5.18×10 ⁻³	5.08×10 ⁻³			

		VOCs	mg/m ³	0.17	0.17	0.22
		VOCs	mg/m ³	0.17	0.17	0.22
		VOCs	kg/h	7.29×10 ⁻³	6.88×10 ⁻³	8.86×10 ⁻³
			mg/m ³	0.208	0.220	0.220
			mg/m ³	0.208	0.220	0.220
			kg/h	8.75×10 ⁻³	8.91×10 ⁻³	8.64×10 ⁻³
11 7	4#		mg/m ³			
			mg/m ³			
			mg/m ³	0.456	0.454	0.429
		VOCs	mg/m ³	1.09	1.08	1.10
			mg/m ³	0.641	0.652	0.641
	4#		m ³ /h	39063	44794	39286
			mg/m ³			
			mg/m ³			
			kg/h	-	-	-
			mg/m ³			
			mg/m ³			
			kg/h	-	-	-
			mg/m ³	0.118	0.133	0.131
			mg/m ³	0.118	0.133	0.131
			kg/h	4.61×10 ⁻³	5.96×10 ⁻³	5.12×10 ⁻³
		VOCs	mg/m ³	0.21	0.20	0.22
		VOCs	mg/m ³	0.21	0.20	0.22
		VOCs	kg/h	8.20×10 ⁻³	8.96×10 ⁻³	8.64×10 ⁻³
	mg/m ³	0.208	0.220	0.220		
	mg/m ³	0.208	0.220	0.220		
	kg/h	8.13×10 ⁻³	9.85×10 ⁻³	8.64×10 ⁻³		
11 6	5#		mg/m ³			
			mg/m ³			
			mg/m ³	0.434	0.437	0.420
		VOCs	mg/m ³	1.11	0.94	1.08
			mg/m ³	0.671	0.683	0.671
		m ³ /h	24382	27178	25771	

		ng/m ³			
		kg/h	-	-	-
		ng/m ³			
		ng/m ³			
		kg/h	-	-	-
		ng/m ³	0.112	0.121	0.126
5#		ng/m ³	0.112	0.121	0.126
		kg/h	2.73×10 ⁻³	3.29×10 ⁻³	3.25×10 ⁻³
	VOCs	ng/m ³	0.12	0.19	0.19
	VOCs	ng/m ³	0.12	0.19	0.19
	VOCs	kg/h	2.92×10 ⁻³	5.16×10 ⁻³	4.90×10 ⁻³
		ng/m ³	0.184	0.206	0.200
		ng/m ³	0.184	0.206	0.200
		kg/h	4.72×10 ⁻³	1.10×10 ⁻³	1.03×10 ⁻³

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			mg/m ³	0.161	0.184	0.172
			mg/m ³	0.161	0.184	0.172
			kg/h	3.94×10 ⁻³	4.40×10 ⁻³	4.39×10 ⁻³
11 4	1#		m ³ /h	9131	9965	10175
			mg/m ³	34.2	46.0	35.5
			mg/m ³	34.2	46.0	35.5
			kg/h	0.312	0.458	0.361
11 5			m ³ /h	6118	7530	8415
			mg/m ³	52.4	40.5	48.1
			mg/m ³	52.4	40.5	48.1
			kg/h	0.321	0.305	0.405
11 4	2#		m ³ /h	39714	38208	38415
			mg/m ³	44.3	43.0	47.3
			mg/m ³	44.3	43.0	47.3
			kg/h	1.76	1.64	1.82
11 5			m ³ /h	37823	43319	40708
			mg/m ³	39.7	40.9	45.6
			mg/m ³	39.7	40.9	45.6
			kg/h	1.50	1.77	1.86
11 4	3#		m ³ /h	19070	25765	25840
			mg/m ³	75.3	60.4	67.3
			mg/m ³	75.3	60.4	67.3
			kg/h	1.44	1.56	1.74
11 5			m ³ /h	25786	26260	24944
			mg/m ³	62.1	69.8	69.6
			mg/m ³	62.1	69.8	69.6
			kg/h	1.60	1.83	1.74
11 6	4#		m ³ /h	10965	12140	12753
			mg/m ³	27.0	27.4	28.6
			mg/m ³	27.0	27.4	28.6
			kg/h	0.296	0.333	0.365
11 7			m ³ /h	18720	19669	20266
			mg/m ³	24.9	25.7	24.1

			mg/m ³	24.9	25.7	24.1
			kg/h	0.466	0.505	0.488
11 6	5#		m ³ /h	9712	10715	12823
			mg/m ³	79.3	82.9	79.2
			mg/m ³	79.3	82.9	79.2
			kg/h	0.770	0.888	1.02
11 7	5#		m ³ /h	14662	15689	16752
			mg/m ³	72.9	75.5	70.8
			mg/m ³	72.9	75.5	70.8
			kg/h	1.07	1.18	1.19
11 6	6#		m ³ /h	11337	14003	16295
			mg/m ³	48.4	44.9	50.5
			mg/m ³	48.4	44.9	50.5
			kg/h	0.549	0.629	0.823
11 7	6#		m ³ /h	18175	19106	19947
			mg/m ³	43.7	44.0	41.5
			mg/m ³	43.7	44.0	41.5
			kg/h	0.794	0.841	0.828
11 6	7#		m ³ /h	41085	42321	44632
			mg/m ³	61.0	56.3	55.9
			mg/m ³	61.0	56.3	55.9
			kg/h	2.51	2.38	2.49
11 7	7#		m ³ /h	46097	47628	48711
			mg/m ³	59.7	63.0	56.6
			mg/m ³	59.7	63.0	56.6
			kg/h	2.75	3.00	2.76
11 6	8#		m ³ /h	12885	14912	15791
			mg/m ³	95.3	81.3	91.4
			mg/m ³	95.3	81.3	91.4
			kg/h	1.23	1.21	1.44
11 7	8#		m ³ /h	17641	19833	20514
			mg/m ³	90.8	85.6	84.0
			mg/m ³	90.8	85.6	84.0

			kg/h	1.60	1.70	1.72
11 6	9#		m ³ /h	19345	20641	21461
			mg/m ³	25.0	28.9	30.3
			mg/m ³	25.0	28.9	30.3
			kg/h	0.484	0.596	0.650
11 7			m ³ /h	21800	22354	23589
			mg/m ³	27.2	26.8	25.6
			mg/m ³	27.2	26.8	25.6
			kg/h	0.593	0.599	0.604

0.150mg/m³ VOCs

0.23mg/m³

DB51/2377-2017

3

1mg/m³

5mg/m³

15mg/m³

VOCs 60mg/m³

0.240mg/m³

DB51/2377-2017

4

5mg/m³

95.3mg/m³

GB16297-1996

2

120mg/m³

11

mg/m³

	11 4	1#	0.183	0.200	0.217
		2#	0.417	0.433	0.450
		3#	0.367	0.383	0.350
		4#	0.417	0.450	0.433
	11 5	1#	0.217	0.200	0.200
		2#	0.367	0.417	0.383
		3#	0.400	0.417	0.417
		4#	0.367	0.350	0.367
11 4	1#				
	2#				
	3#		0.006		

VOCs	11 5	2#	0.122	0.115	0.117
		3#	0.112	0.114	0.111
		4#	0.087	0.128	0.126
	11 4	1#	0.77	0.76	0.71
		2#	1.19	1.11	1.13
		3#	1.17	1.11	1.08
		4#	1.13	1.13	1.13
	11 5	1#	0.60	0.64	0.58
		2#	1.14	1.12	1.11
		3#	1.12	1.15	1.14
		4#	1.20	0.92	0.96

0.450mg/m³

(GB16297-1996) 2

1.0mg/m³

0.008mg/m³

DB51/2377-2017 6

0.1mg/m³

0.087mg/m³

0.086mg/m³

0.154mg/m³

VOCs 1.20mg/m³

DB51/2377-2017 5

VOCs 2.0mg/m³

0.1mg/m³

0.2mg/m³

0.2mg/m³

2

2019 11 4-5

12

dB(A)

	11 4		11 5	
1#	51	50	52	50
2#	51	50	53	52

3#	51	50	50	51
4#	52	54	52	51

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[2019- 510682- 30- 03- 332744] FGQB- 0033

" "

2019 4

2019 5 13

[2019] 30

2018 3

2018

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2- 2#

3#

4#

15

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+UV

5 15m

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6

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1#

50

2# 3# 4#

100

9

13

1	" "	
2	+UV 15m + 15m ()	15m + 15m +UV
3	1# 2# 3# 4# 100m 50m	1# 2# 3# 4# 50 100

4	VOCs: 0.0033t/a	VOCs 0.003t/a
5		
6		

1					
2					0.150mg/m ³ VOCs
	0.23mg/m ³				DB51/2377-2017
3	1mg/m ³	5mg/m ³	15mg/m ³	VOCs	60mg/m ³
	0.240mg/m ³				
	DB51/2377-2017	4		5mg/m ³	
		95.3mg/m ³			GB16297-1996 2
		120mg/m ³			
		0.450mg/m ³			(GB16297-1996)
2				1.0mg/m ³	
		0.008mg/m ³			
	DB51/2377-2017	6		0.1mg/m ³	
		0.087mg/m ³		0.086mg/m ³	0.154mg/m ³ VOCs
	1.20mg/m ³				DB51/2377-2017
5	VOCs	2.0mg/m ³	0.1mg/m ³	0.2mg/m ³	0.2mg/m ³
3					
	50-54dB(A)				GB12348-2008 2
	(60dB(A))				
4					
5					
	VOCs	0.003t/a			

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" 20000 "

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