

	99			
	66555016		66555566	300462

99

24

64

24

62

2015 6

2

2.1

12000m²

10m

1 2

1

			m ²	m ²	
	1		—	5200	1
	2		—	2800	1
	3		—	400	1
	4		—	50	1
	5		—	—	
	6		—	—	
	7		—	—	
	8		—	3550	—
	9		12000	12000	—

2

3

	0		24	
	24		40	
	24		62	

2.3

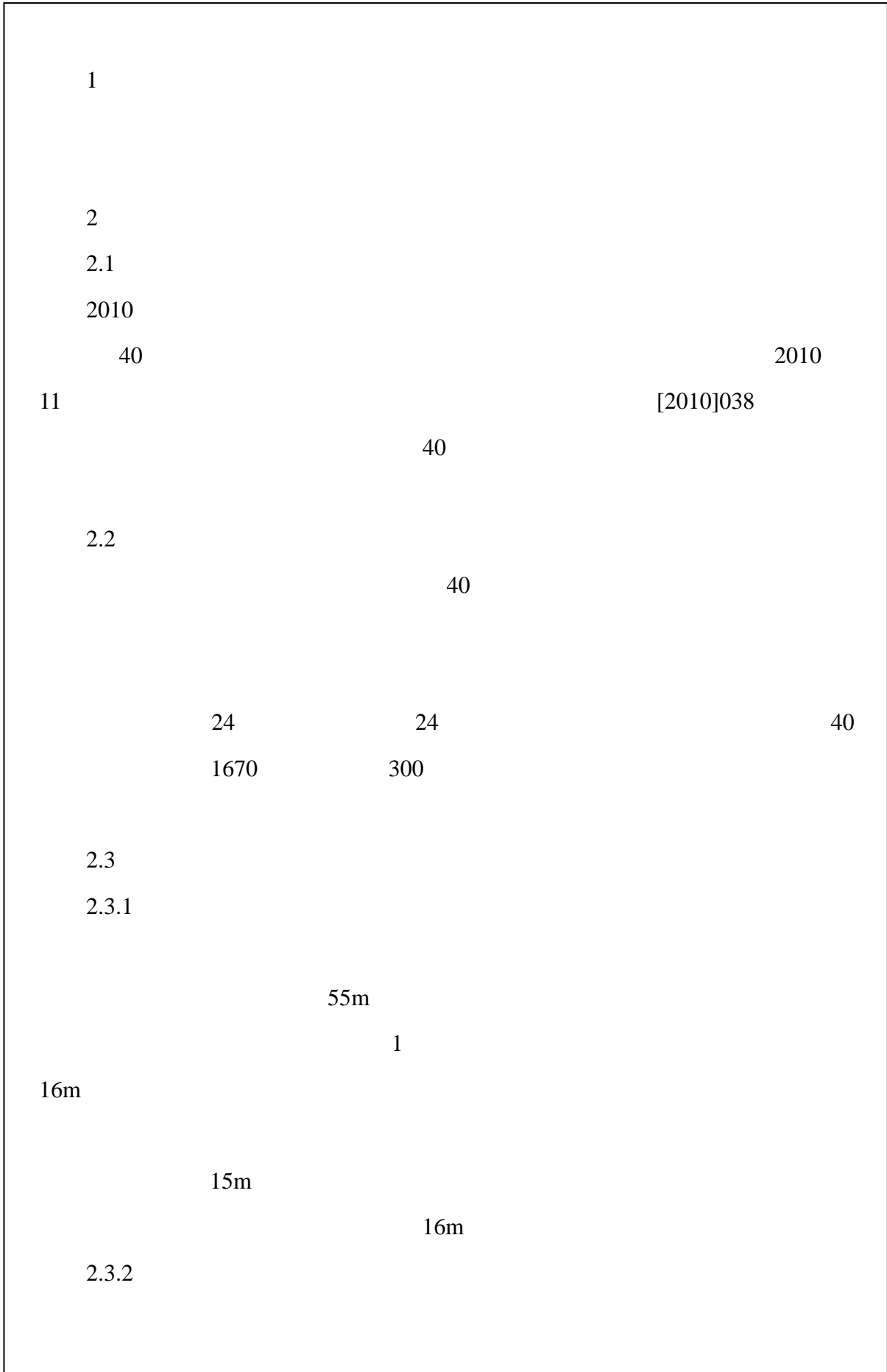
4



5

2015 4

2015 6



2.3.3

2.3.4

2.4

6

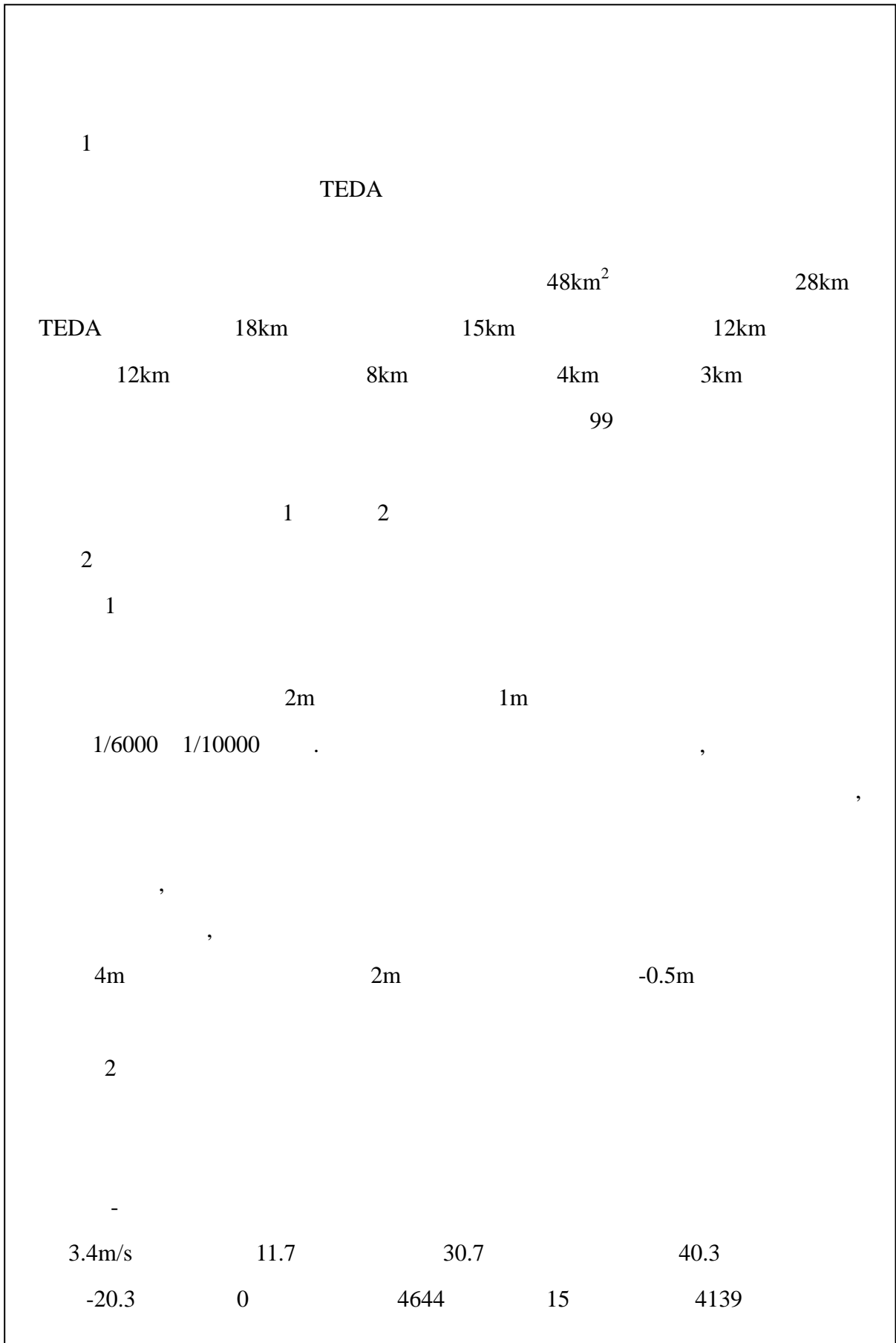
6

t/a

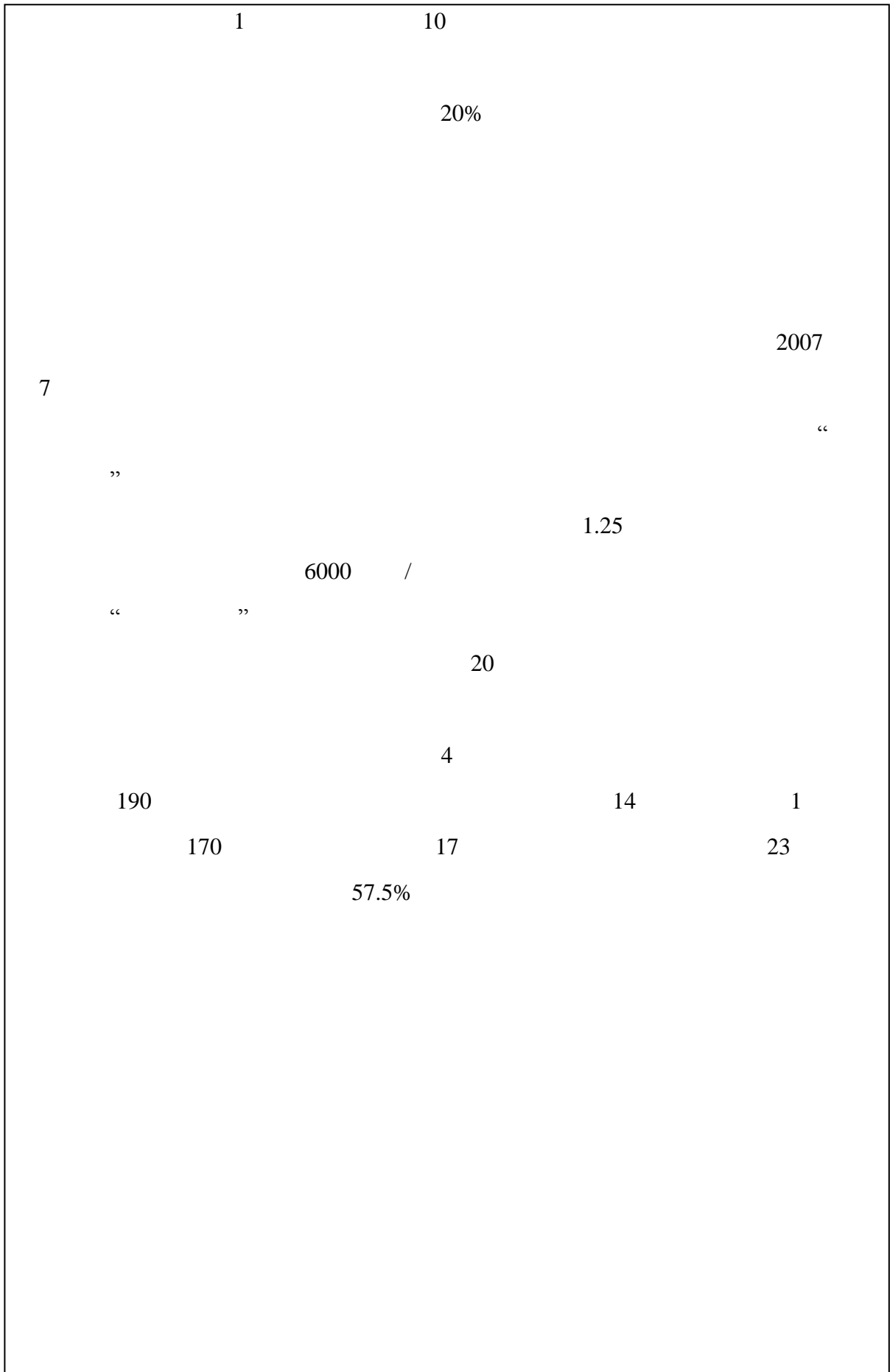
		0.3	1.4	1.7
		1.3	0.5	1.8
	SO ₂	2.7	0.7	3.4
	NO _x	7.8	2.8	10.6
	COD _{cr}	98.5	78.1	176.6
		6.8	5.5	12.3
		3.9	3.1	7
		0	0	0

3

40



206		584.8mm			76%
	240.3mm		1469.1mm		2.4
5	184.6mm	12	28.5mm		1.9
	2898.8		64.7%		128.8kcal/cm ²
	3				
1.3	1.5mm				
Cl-Na	Cl.SO ₄ -Na				
				85m	
HCO ₃ -Na		1.5g/l			
			15		
2009					2009
	140.10		43.9%		69.71
	18.1%		44.78	42.2%	
25.09	8.6%	7			
				5000	
	1000	44		5000	17



1

9 DL382

PM₁₀ SO₂ NO₂ PM_{2.5}

2014 7 29 8 4

1km

7

7

mg/m³

			mg/m ³	%	mg/m ³	(%)	(%)	
PM ₁₀		7	0.112~0.141	100	0.15	94	0	
PM _{2.5}		7	0.052~0.064	100	0.075	85.3	0	
SO ₂		28	0.007~0.030	100	0.5	60	0	
		7	0.012~0.019	100	0.15	12.6	0	
NO ₂		28	0.023~0.062	100	0.2	31	0	
		7	0.038~0.045	100	0.08	56.2	0	

PM₁₀ PM_{2.5} SO₂ NO₂

SO₂ NO₂

GB3095-2012

2

43.9~55.2dB(A)

38.8~40.6dB(A)

GB3096-2008

3

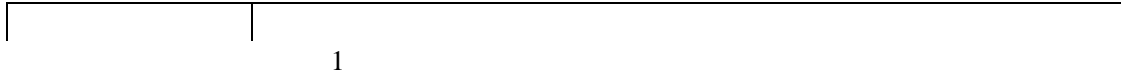
1

1 GB3095-2012

9

9

mg/m³



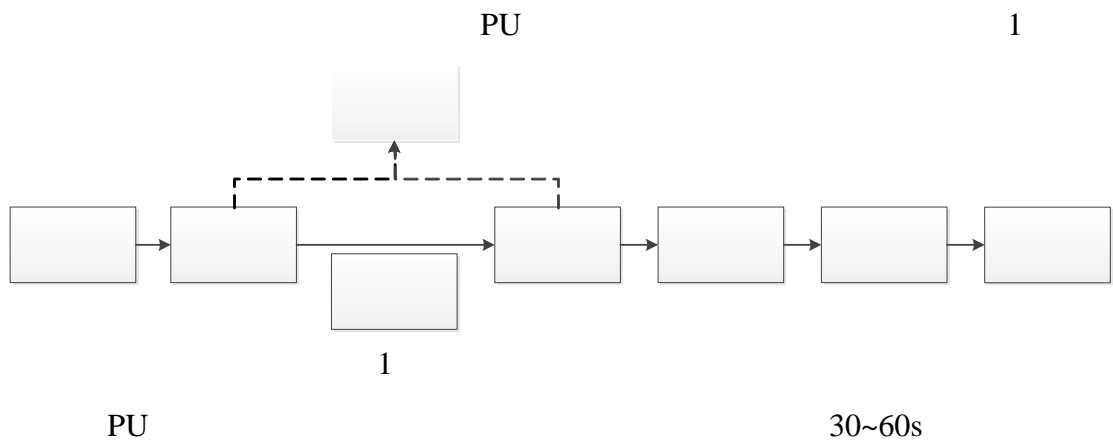
1

	70dB(A)	55dB(A)	
4			GB12348-2008
3	65dB(A)	55dB(A)	
5			GB18599-2001

1

2

2.1



PU

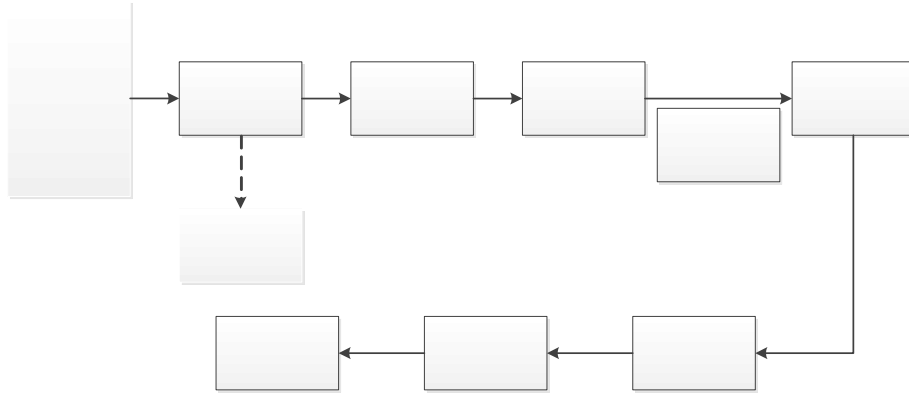
G₁

15m

2.2

PU

2



2

PU

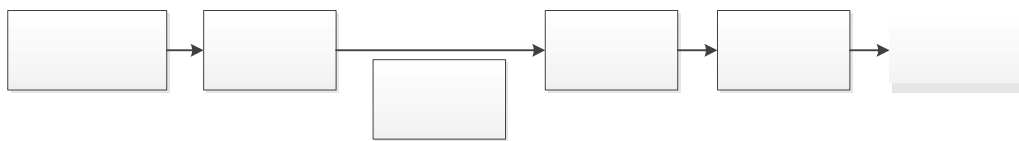
G₂

G₃

W₁ W₂

2.3

3



3

PE

G₄

1

2

2.1

G₁

G₂ G₃

G₄

6

15

15

		mg/m ³	kg/h
		1.5	0.015
		0.77	0.0077
		0.72	0.0072

HJ 2027-2013

97%

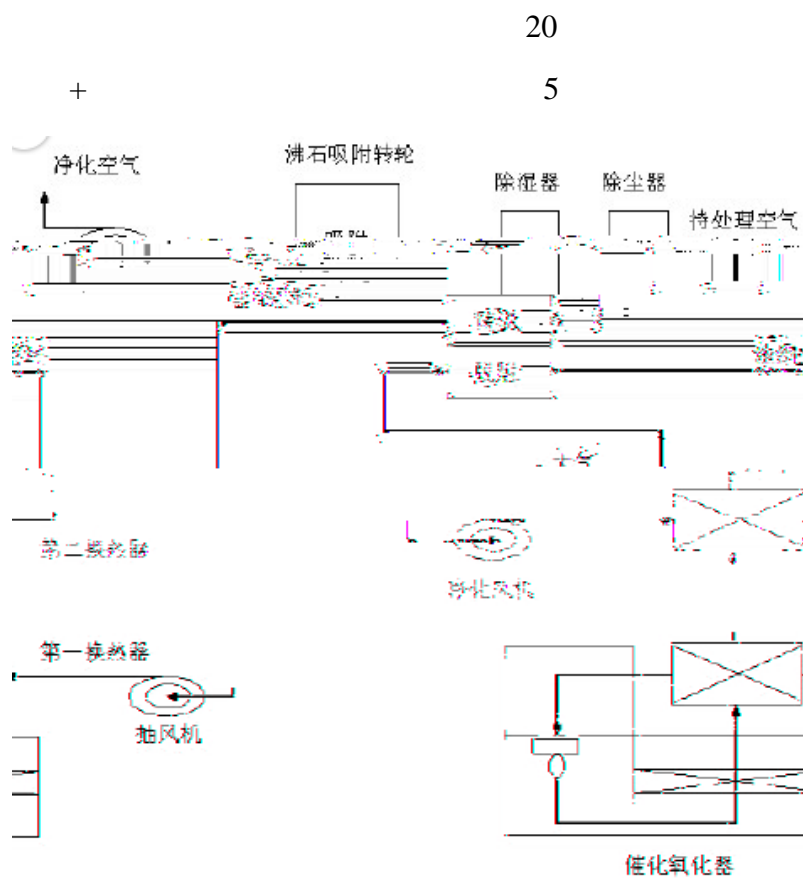
90%

4

4

V

VOCs



20

5

+

5

+

15m

2.2

5.82m³/d

13m³/d

2.3

75dB(A)

1

2.4

S₁

26.25t/a

S₂

52.5t/a

S₃

137

20.55t/a

		TSP	—	—
			1.5mg/m ³	0.15mg/m ³
			0.77mg/m ³	0.077mg/m ³
			0.72mg/m ³	0.072mg/m ³
		SS COD BOD ₅	—	—
			1746m ³ /a	1746m ³ /a
		COD	0.5238t/a 300mg/L	0.5238t/a 300mg/L
		BOD	0.3143t/a 180mg/L	0.3143t/a 180mg/L
		SS	0.6111t/a 350mg/L	0.6111t/a 350mg/L
			0.05238t/a 30mg/L	0.05238t/a 30mg/L
			3900m ³ /a	3900m ³ /a
		COD	2.145t/a 550mg/L	1.17t/a 300mg/L
		BOD	0.39t/a 100mg/L	0.39t/a 100mg/L
		SS	1.17t/a 300mg/L	1.17t/a 300mg/L
			0.117t/a 30mg/L	0.117t/a 30mg/L
			—	—
			20.55t/a	0t/a
			26.25t/a	0t/a
			52.5t/a	0t/a

18

m	C _i		C _i		C _i	
	mg/m ³	%	mg/m ³	%	mg/m ³	%
87	0.000814	0.03392	0.000417	0.06948	0.000391	0.13027
100	0.000553	0.02304	0.000283	0.04718	0.000265	0.08847
200	0.000787	0.03278	0.000403	0.06712	0.000378	0.12587
300	0.00074	0.03084	0.000379	0.06315	0.000355	0.1184
400	0.000633	0.02639	0.000324	0.05405	0.000304	0.10133
500	0.000475	0.01977	0.000243	0.04048	0.000228	0.0759
600	0.00036	0.015	0.000184	0.03072	0.000173	0.0576
700	0.000282	0.01174	0.000144	0.02405	0.000135	0.0451
800	0.000227	0.00948	0.000116	0.0194	0.000109	0.03637
900	0.000188	0.00784	9.63E-05	0.01605	9.03E-05	0.0301
1000	0.000159	0.00662	8.14E-05	0.01357	7.63E-05	0.02543
mg/m ³	2.4		0.6		0.3	

87m 0.000814mg/m³ 0.03392%

0.000417mg/m³ 0.06948% 0.000391mg/m³

0.13027%

1.3

1km

19

19

	C _i		C _i		C _i	
	mg/m ³	%	mg/m ³	%	mg/m ³	%
	0.000147	0.00613	7.07E-05	0.02357	7.07E-05	0.02357
	0.000333	0.01389	0.00016	0.05333	0.00016	0.05333

2

5.82m³/d

13m³/d

20

20
pH

SS

mg/L pH
COD_{Cr}

BOD₅

100t/d

pH COD

3

75dB(A)

a.

$$L_p = L_{p0} - 20 \lg r / r_0 - R - \alpha(r - r_0)$$

L_p — dB(A)

L_{p0} — dB(A)

r — m

r_0 — m 1m

R — dB(A)

α — dB(A)/m 0.008dB(A)/m

$$L = L_1 + 10 \lg [1 + 10^{-(L_1 - L_2)/10}] \quad L_1 > L_2$$

L — dB(A)

L_1 — dB(A)

L_2 — dB(A)

22

22

dB(A)

		16.9
		15.2
		55.0
		38.1

2

8

16

GB12348-2008

3

4

26.25t/a

20.55t/a

52.5t/a

23

23

				t/a	
1				26.25	
2				52.5	
3				20.55	

5

2011

2013

6

500

0.12%

24

1		+	500
			500

		TSP	—	—
			+	
		SS COD BOD ₅	—	—
		SS COD BOD ₅		
			—	—
			—	—

--	--	--	--	--

1.

40 99 285166m² 2010
40
153014m²
24 24 40 / 40
/ 40 / 2010 11
[2010]038
40 3789
24 64 24
62 2015 6

2.

PM₁₀ PM_{2.5} SO₂ NO₂
SO₂ NO₂ GB3095-2012
GB3096-2008

3

3.

4.

4.1

4.2

