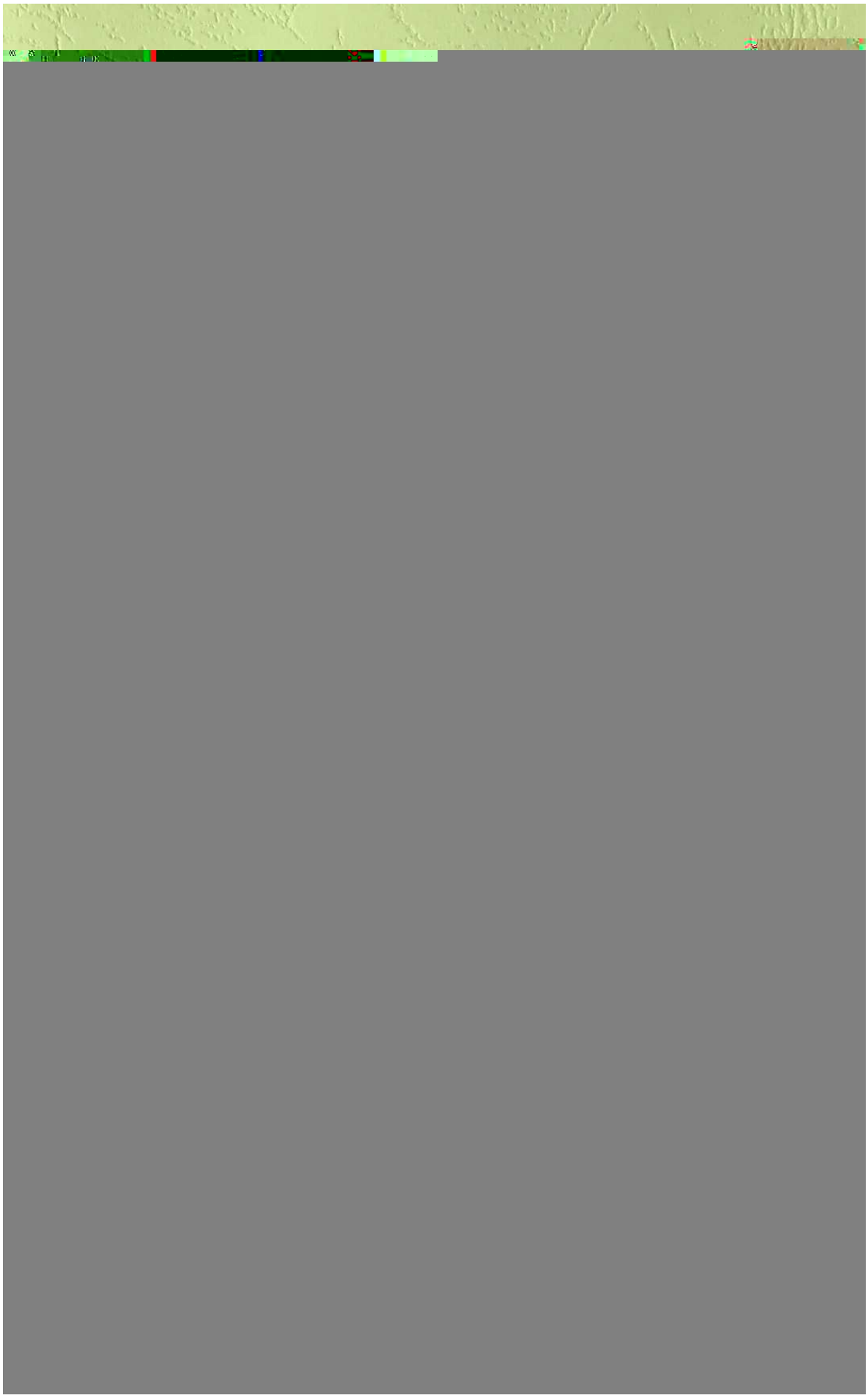
突发环境事件应急预案备案登记表

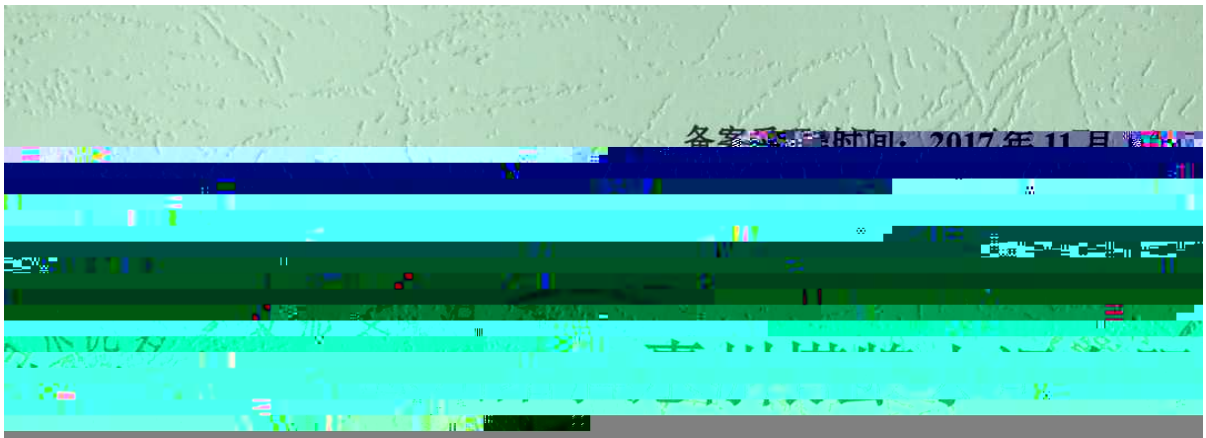
备案编号：粤环应备[redacted]

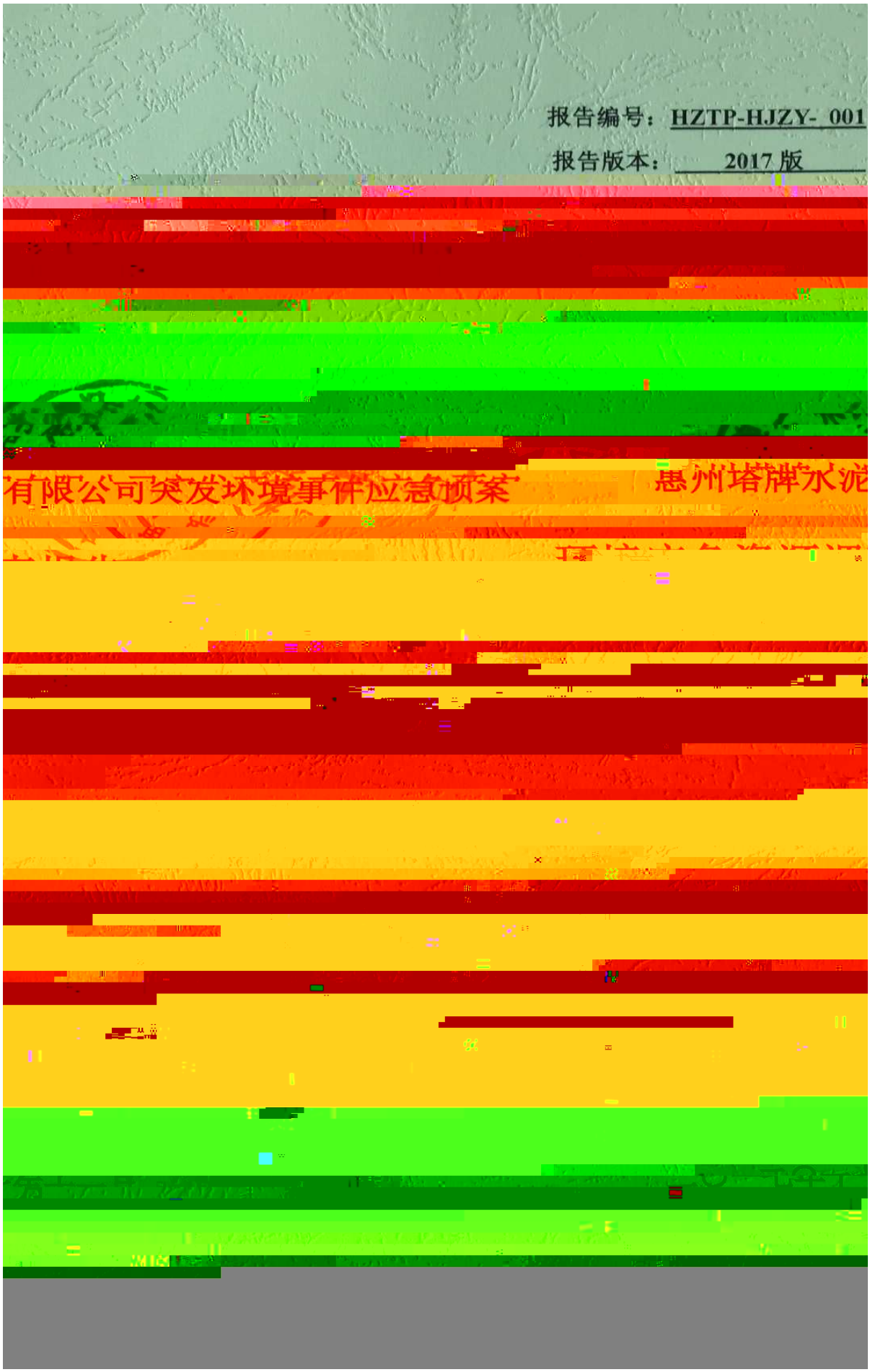
突发环境事件应急预案备案登记表

备案编号：2017-28

单位名称	惠州塔牌水泥有限公司
[redacted]	






报告编号：HZTP-HJZY- 001
报告版本：2017 版
有限公司突发环境事件应急预案
惠州塔牌水泥

2017 01

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6.5 60
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90
1 91
2

5 97
6 98
7 99
8 100
9 101
10 102
11 104
12 108
114
1 115
2 116
3 117
4 118
5 119
6 120
7 121
8 122
9 123
10 124
11 125
12 126
1 127
128
131
133

1.1

11

2011 95

12

2013 12

13

2009 116

14

2013 3

15

41 2011 12 1

16 45

2012 4 1

17 2015 34

18 “ ” 2013 20

19 2015

20 2011 2013

21 (2013)

22 2015

23 445 2005

11 1 2016

24 2017

25

2006 10

26 2014 34

27 (
[2015]4)

28
[2013]85

29
[2014]118

30 [2014]32

31 2011 9

32 (2009 5 1
)

33 2011
143

34
2016 23

35

36 30

37

38 SNCR

1.3

“ ”

1

2

3

1.4

1 I ---

4

5

3 III ---

1

2

3

4

5

6

1.5

1

2

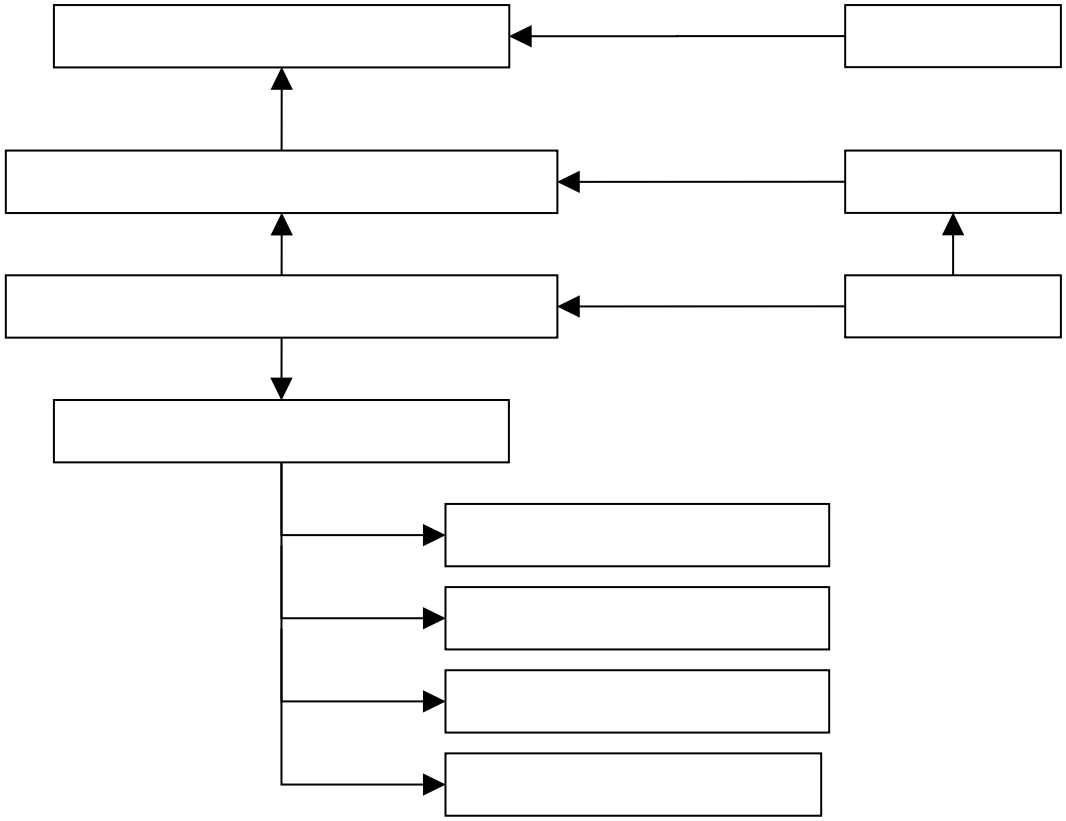
3

4

5

1.6

SNCR



1-1

1.7

1-1

1-1

I				
II				
III				

2.1

“ “

516820

13750500505

2-1

2-1

1		
2		
3		2006 8
4	( )	140000
5	( )	153177
6	t/a	279 360
7	t/a	255 360
8	(/a)	182717.9
9	(/a)	25045.15
10		550
11		40
12		20
		447
		43
	m^2	648667
	m^2	421633.5
13		
14		24
15		310

2.2

2.2.1

1

_____ 114°20 ' 23°38', “

”

11 68

138 148

143.35 14 1 220

2010 10533 41076 3107 7823

2.2.2

3km

2.3

360

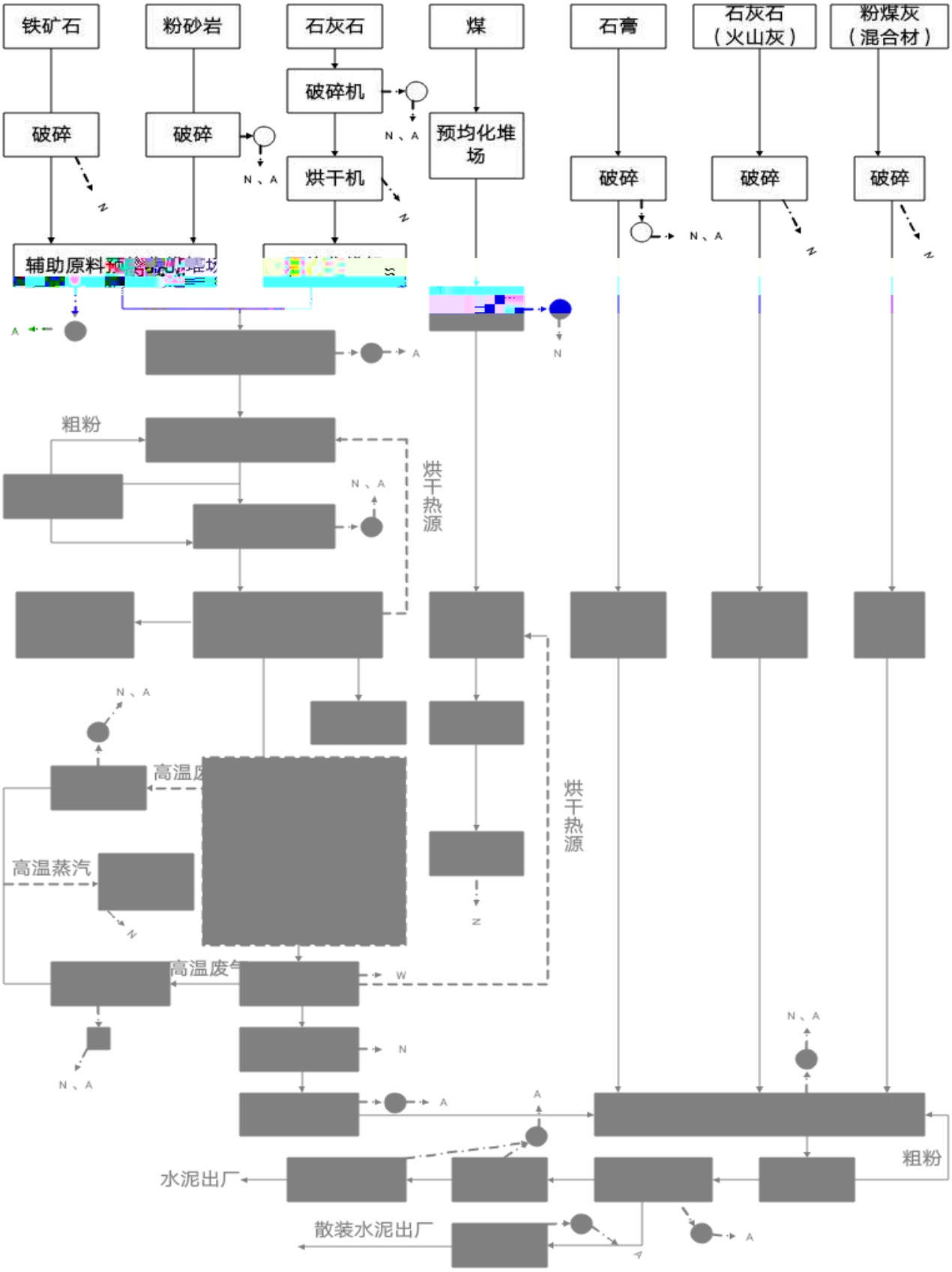
2-2

2-2

			t	t/a
1			250000	491392
2			45000	255766
3			60000	74938
4			45000	442128
5			60000	177951.83
6			20000	208104.67
7			120	6000
8			50	
9			2	--

2.4

2-1


铁矿石
粉砂岩
石灰石
煤
石膏
石灰石
（火山灰）
粉煤灰
（混合材）
破碎机
破碎
破碎
烘干机
预均化堆场
破碎
破碎
破碎
N、A
N、A
N、A
辅助原料预
粗粉
烘干热源
N、A
高温蒸汽
烘干热源
N、A
N、A
N、A
粗粉
水泥出厂
散装水泥出厂

W N A ○ □

2-1

1.

2.

3.

4.

5.

6.

SP

≤50mg/m^3( )

SP

7.

Φ22.5×60m 2×20000t

8.

2×4500t

Φ60m

2×100000t

AQC

≤50mg/N m^3

9.

10.

CO CO_2

11.

12.

20 Φ12m Φ15m Φ18m Φ30m

13.

10

14.

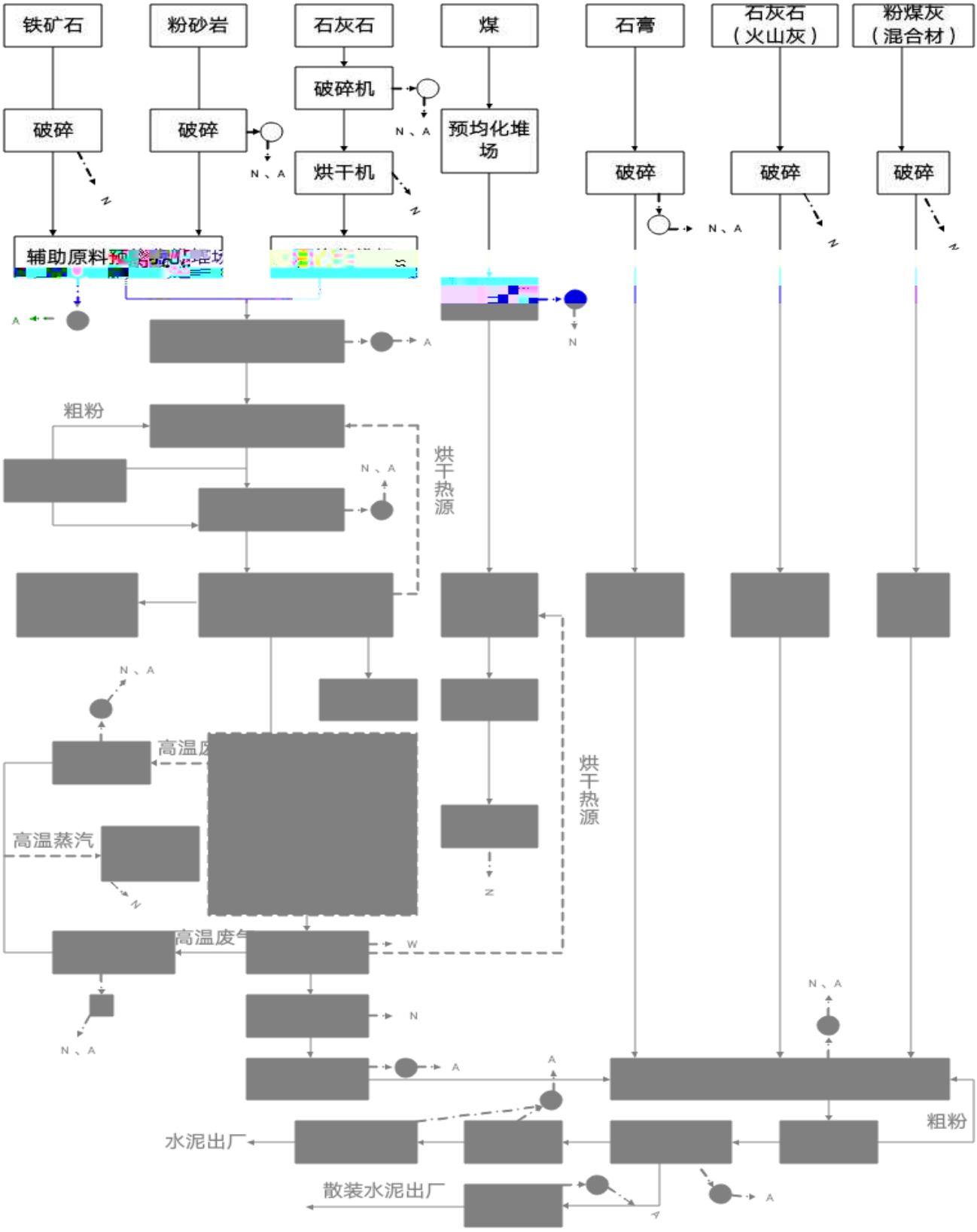
13

2.5

2.5.1

SO_2 NO_X

2-2


铁矿石
粉砂岩
石灰石
煤
石膏
石灰石
（火山灰）
粉煤灰
（混合材）
破碎机
破碎
破碎
烘干机
预均化堆场
破碎
破碎
破碎
N、A
N、A
N、A
辅助原料
粗粉
烘干热源
烘干热源
高温蒸汽
高温废气
粗粉
水泥出厂
散装水泥出厂
W
N
A

○ □

2-2

2.5.2

COD_{Cr} SS

1

2

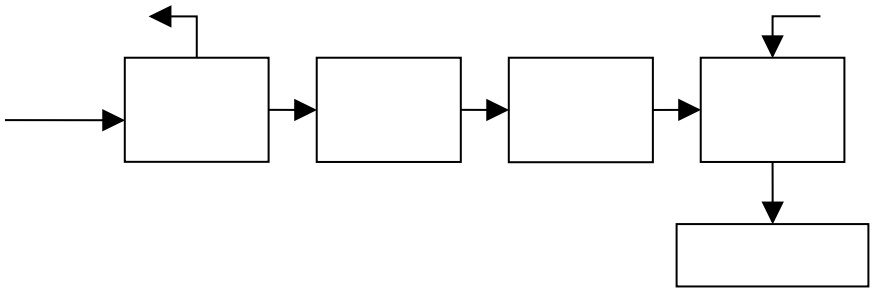
SS

3

150m^3

4

2-3



2-3

150m^3/d

25%

44%

10%

2.5.3

1

1

A

900000m^3/h 340 360℃

80g/m^3 10μm 75%

B

30 200g/m^3

C

250℃

30g/Nm^3

630000m^3/h

D

22300m^3/h 70g/m^3

E

8900m^3/h

50g/m^3

F

2

A

4500t/d 90 m^3/h 340

360℃

99%

106

B

φ4.8×74m

4500t/d

40

C

φ3.8× 7+2.5m

35m

D

15

E

2-3

1		LPM5C	1	1#
2		LMP6C-550	1	2#
3		HMC-80A	1	
4		HMC-80A	1	
5		LP M4C-370	1	
6		HMC-80A	1	
7		HMC-112A	1	1#
8		HNC-112A	1	2#
9		HMC-112A	1	
10		LPM5A-150	1	
11		LPM4C-370	1	
12		LPM5A-150	1	
13		HMC-80A	1	
14		HMC-112A	1	
15		HMC-112M	1	2#
16		LPM2×7D-00m	1	
17		HNC-112A	1	2#
18		LPMM2×7D-2180	1	2#
19		LPM6A-180	1	1#
20		LPM5A-150	1	1#
21		LPM6A-180	1	2#
22		LPM5A-150	1	2#
23		LPM6A-180	1	2#
24		LPM5A-150	1	
25		HMC-80A	1	
26		LPM5B-310	1	1#
27		LPM5A-150	1	1#
28		LPM5B-310	1	2#
29		LPM5A-150	1	2#
30		LPM5A-150	1	1#
31		LCMG530-2X14	1	1#
32	-	LJP10 11,12 258-2×2 1,2	2	1# 2#
33		LCMG530-2×14M	2	1# 2#
34		LPM7C-650	1	1#
35		LPM5A-150	4	1#
36		LPM5A-180	1	2#
37		LPM7C-650	3	2#

38		LPM7C-650	1	2#
39		LPM5A-150	1	
40		LPM5A-150	2	1#
41		LPM6B-370	1	1#
42		LPM6A-180	5	1#
43		LPM6A-180	5	2#
44		LPM6A-180	1	2#
45		LPM6A-180	1	2#
46		LPM9D-1647	2	1#
47		LPM6A-180	1	2#
48		LPM9D-1647	1	2#
49		LPM8D-1380	2	1#
50		LPM8D-1380	1	2#
51		LPM5A-150	2	
52		LPM6A-180	1	
53		HMC-96A	1	
54		LPM6A-180	16	
55		HNC-112A	2	2#
56		LPM5A-150	2	
57		HMC-112A	1	
58		LPM5A-150	4	
59		LPM6A-180	3	
60		LPM6A-180	4	
61		LPM4A-120	4	
62		LPM6B-370	4	
			112	

2 SO_2

SO_2

SO_2

SO_2

SO_2

3 NOx

NOx

20%

60%-80%

NOx

NOx NOx

NOx

50-60%

NOx SNCR

NOx

NOx 320mg/Nm^3

60%

4

,

5

SNCR 10ppm

TH-880F

2.5.4

75 105dB A

2-4

			dB(A)

			dB(A)
1			81——89
2			81——89
3			100——102
4			84——85
5			81——89
6			93——97

1

2

3

4

5

2.5.5

GB18599-2001 GB18597-2001

GB19598-2001

1

2-5 2016 2

2-5

	PH	SS	COD_{Cr}	BOD_5			
	7.72	4	17.6	4.6	0.102	0.29	0.04
DB44/26-2001	6-9	≤60	≤90	≤20	≤10	≤0.5	≤5.0

DB44/26-2001

2

2-6 2-7 2-8 2-9 2016 2

2-6

				GB4915-2013 DB44/818-2010 mg/m^3
1		424068	1.03	3
		427617	3×10^{-6}	0.05
		424068	1.16	10
		418668	6.3	30
		418668	349	400
		418668	31	100
2		429766	0.7	3
		428001	3×10^{-6}	0.05
		428001	0.85	10
		426229	5.3	30
		426229	310	

2-7

		m^3/h	mg/m^3	GB4915-2013 DB44/818-2010

2.5.7

(2-6) 2-11 ,2016 SO_2 228.48t

2014

4413002010023101 475.34t

2-11 SO_2

/t	0.311t	0.286t	0.597
/t	96.41	88.66	185.07

2.6

2-12

2-12

			(KW)	( )	
1		LPC1018D18	2×710	2	
2		CJ2 1100×1280	132 90	2	
3		MPS5300B	3700	2	
4		Φ4.8×74m	710	2	
5		NC39325	75×3	2	
6		BN9-1.6/0.35		2	
7		Φ3.8×9.5m	1250	2	
8		RP170-110	900×2	5	
9		Φ4.2×13m	3550	5	

2.7

2.7.1

_____ 114°20 ' 23°38', “

”

11 68

138 148

6

1

20.9℃ 39.9℃

2

1.6m 2.6m

3

NNW 23%

SSE 17%

SE 15% 15% 18%

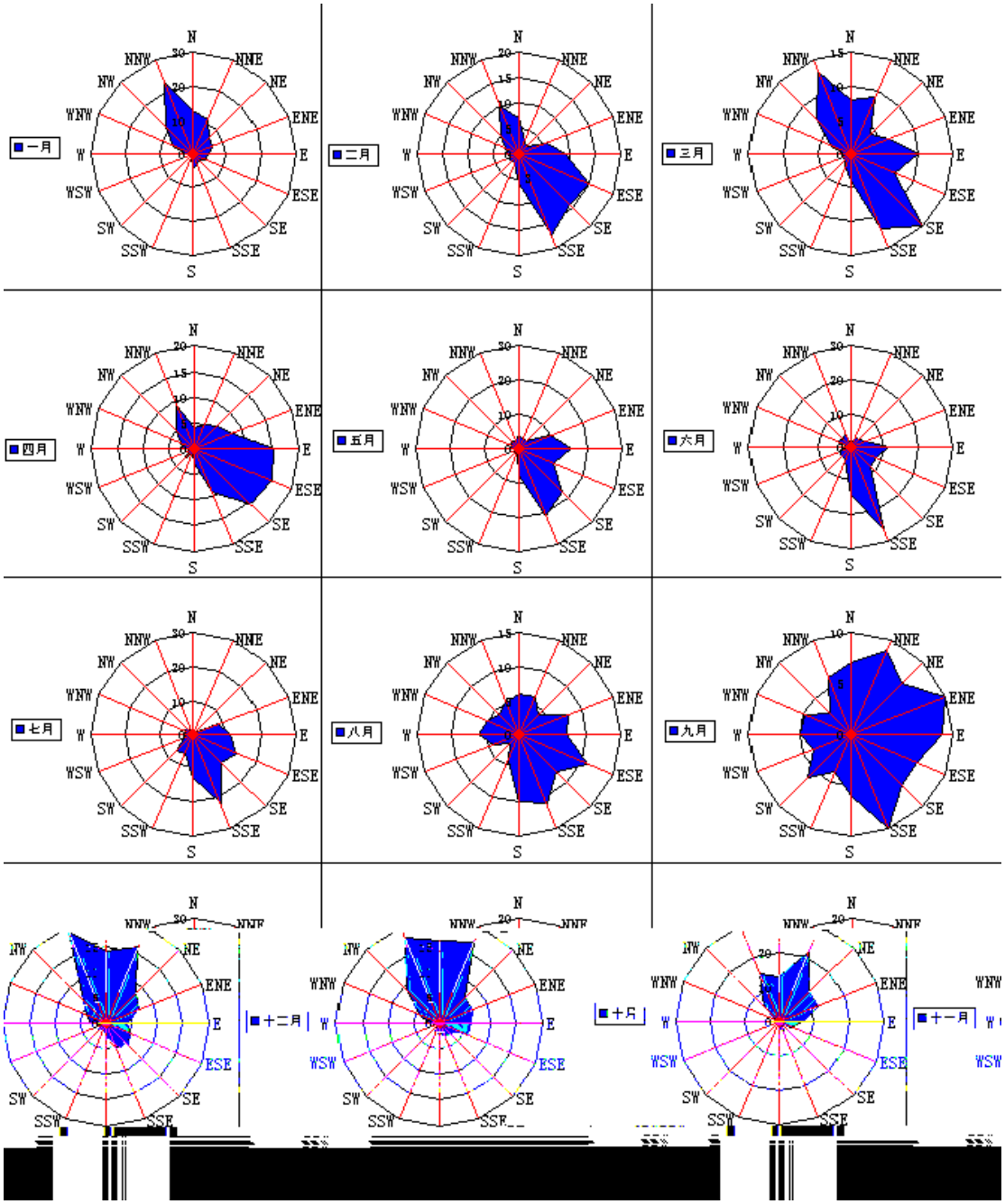
SSE 26% 22%

NNE 22% NNW

19% 18%

SSE NNW SE

11% 10% 9%



4

1.6 2.6 / 36 38.7℃

1.6 8.4℃ 70 80% 1215.1 2403.3
24 71.9 257.8 , 1390.6 2146.5

DB44/26 2001

400

60 1~3

2.7.2

2-13 5

2-13

1							GB3838-2002 V	-
2			-	-	-		-	-

3 1300 1700

7				2700		7500		13502269463
8				2500		2700		13802877211
9				4000		3100		13802877234
10				4800		6279		133526966326

3.1

SNCR 20%

3-1

3-1

			t	t/a	
1			250000	491392	
2			45000	255766	
3			60000	74938	
4			45000	442128	
5			60000	177951.83	
6			20000	208104.67	
7			120	6000	
8			50	0	
9			2	--	

2002 GB12268-2012

B

GB12268-2012

3-2

3-3

3-2

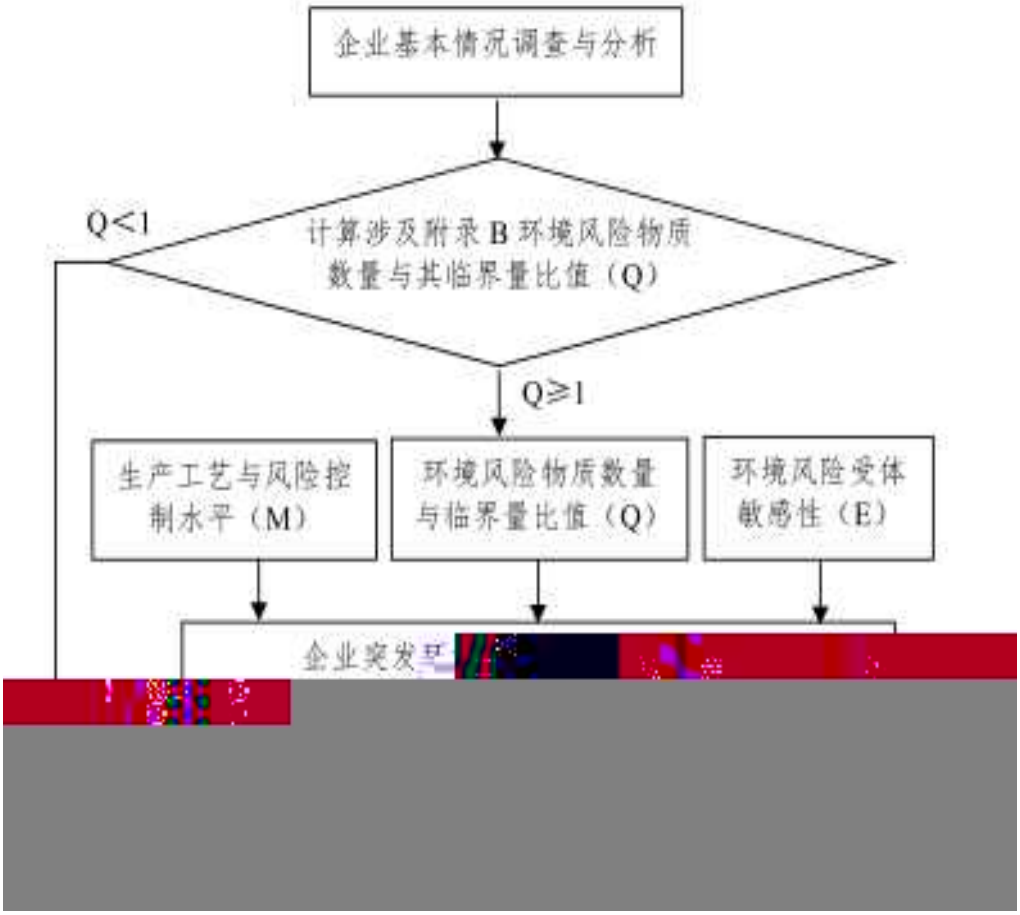
	[10% ≤35%]			82503
	Ammonium hydroxide Ammonia water		UN	2672
	NH_4OH	35.05	CAS	1336-21-6
	℃	77℃	(=1)	0.921
	℃	36℃	(=1)	-
			kPa	1.59/20℃
		-		
		1 15 2 15 3% 3		

3-3

	UN 2924
	C15—C23
	℃ 10# 10 5 5 0 0 -10 -10 -20 -20 -35 -35 -50 -50
	20℃ kg/m^3 10# 5 0 -10 810 850 -20 -35 -50 790 840
	℃ 200 365
	℃ 10# 5 0 -10 -20 55℃ -35 -50 45℃
	℃ 350 380
	% 1.5—6.5
	CO CO2 H2O
	1 2

3.2

3-1



3-1

Q

1

Q

2 1

Q

$$Q=\frac{q_1}{Q_1}+\frac{q_2}{Q_2}+\ldots+\frac{q_n}{Q_n}$$

式中：$q_1, q_2, \ldots, q_n$——每种环境风险物质的最大存在总量，t。

$Q_1, Q_2, \ldots, Q_n$——每种环境风险物质的临界量，t。

Q<1 Q≥1 Q

1 1≤Q 10 2 10≤Q 100 3 Q≥100 Q1 Q2 Q3

2002 GB12268-2012

B

B 2500t

2t Q=0.0004 Q<1

3.3

3.3.1

1

2

3

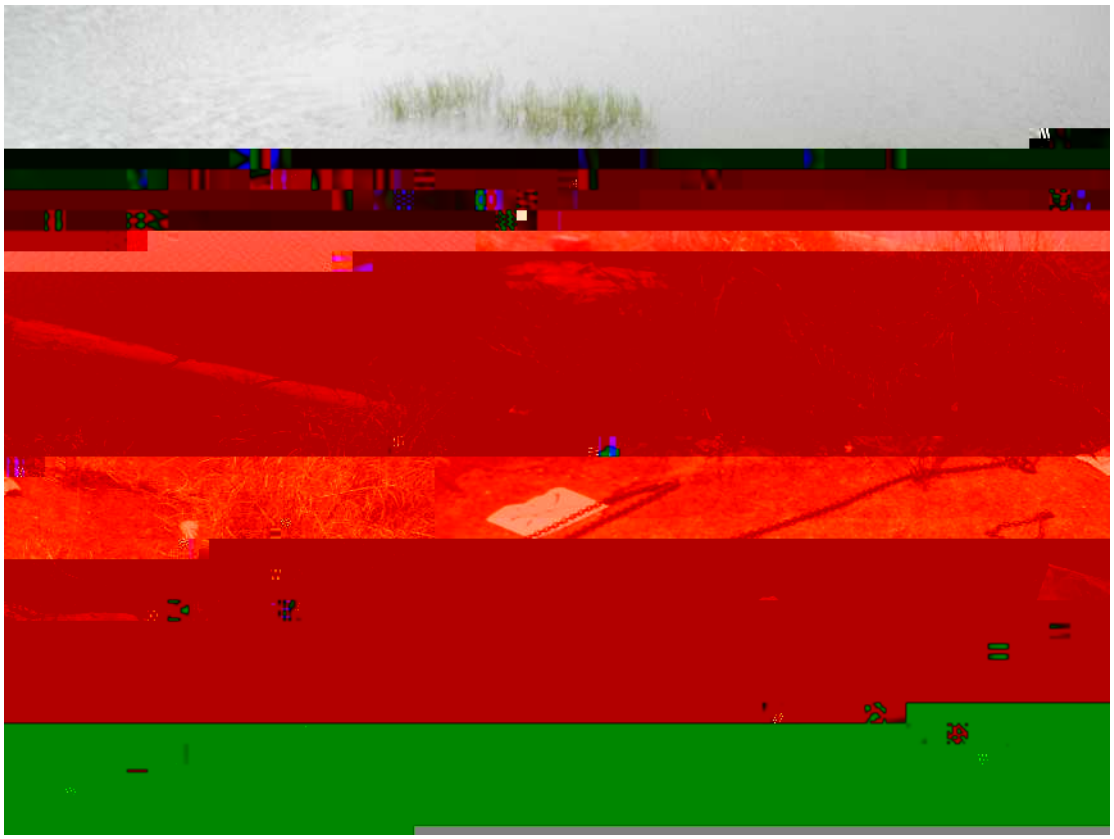
SS

4

150m^3

5

3-2



3.3.2

①

②

③

④

⑤

⑥

⑦

⑧

1

1

SNCR

1 SNCR

2

3

4 SNCR 10ppm

2

200m

7

2

300m 7

3.3.3

1

1

2

2

1

2

abc

3.3.4

GB4915-2013

DB44/818-2010

→ → → →

1

2

3

5 0.5

0.5—5

SNCR

SNCR

30min

3.3.5

7003 8

4

1.

1

2

3

2

1

2

“ ”

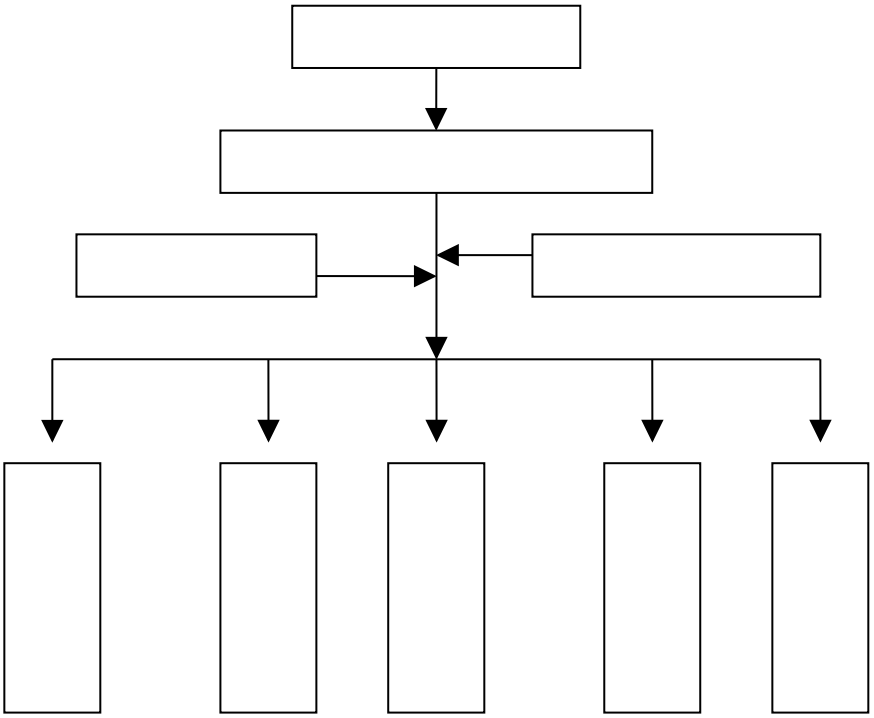
3

8 9

4.1

5

4-1



4-1

4.2

1

2

3

4

5

6

7

8

9

10

3

4

5

6 ,

7

8

9

10

1

2

3

1

2

3

4

5

6

7

8

1

2

3

5.1

5.1.1

1

2

3

4

5

5.1.2

1 “ ” “
” “ ” “ ”

2

3

4

5.1.3

1

2

3

4

300m

氨水泄漏应急池 容积：384 M 3	

5.1.4.2

1

2

3

4

5 GB50016-2006

GBJ50084-2001

1 2

2

3

4 ABC

10

5.1.4.3

1

2

3 —— SNCR

5.1.4.4

7003

5.2

5.2.1

5.2.2

I

II III II III

I

1 III

6.1 III

2 II

3 I

5.2.3

5.2.3.1

1 III

2 II

3 I

I

5.2.3.2

1

2

6.1

1 III

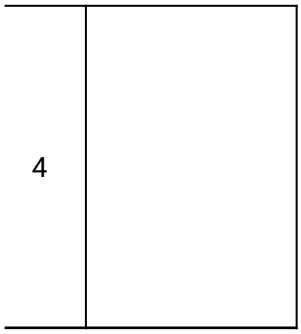
6-1 III

1		
2		
3		
4		

2 II

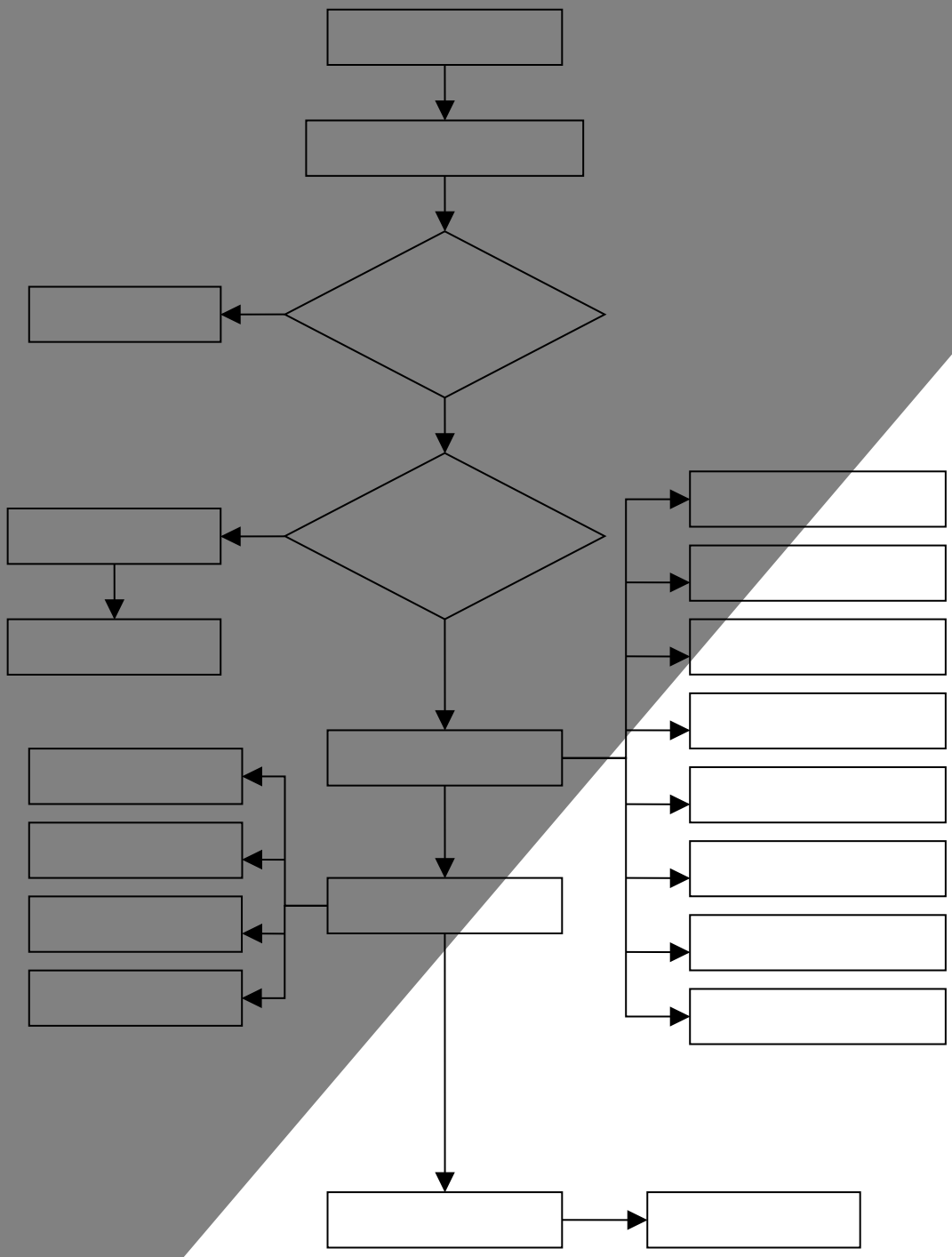
6-2 II

1	xD &-		


4

4		3 1	1 2 3 4
5			1 2 3
6			1

6.2



6.3

6.3.1

1

III

2

II

1

2

6.3.2

I

1

1 110 119

2 0752-7780344

3 0752-7988100

氨水泄漏应急池 容积：384 M 3	

氨水泄漏应急池 容积：384 M 3	

氨水泄漏应急池 容积：384 M 3	

氨水泄漏应急池 容积：384 M 3	

氨水泄漏应急池 容积：384 M 3	

3-5.

3-5

			(KW)	( )	
1		LPC1018D18	2×710	2	

2

氨水泄漏应急池 容积：384 M 3	

2.2

2.2.1

1

_____ 114°20 ' 23°38', “

”

11 68

138 148

143.35 14 1 220

2010 10533 41076 3107 7823

2.2.2

3km

2.3

360

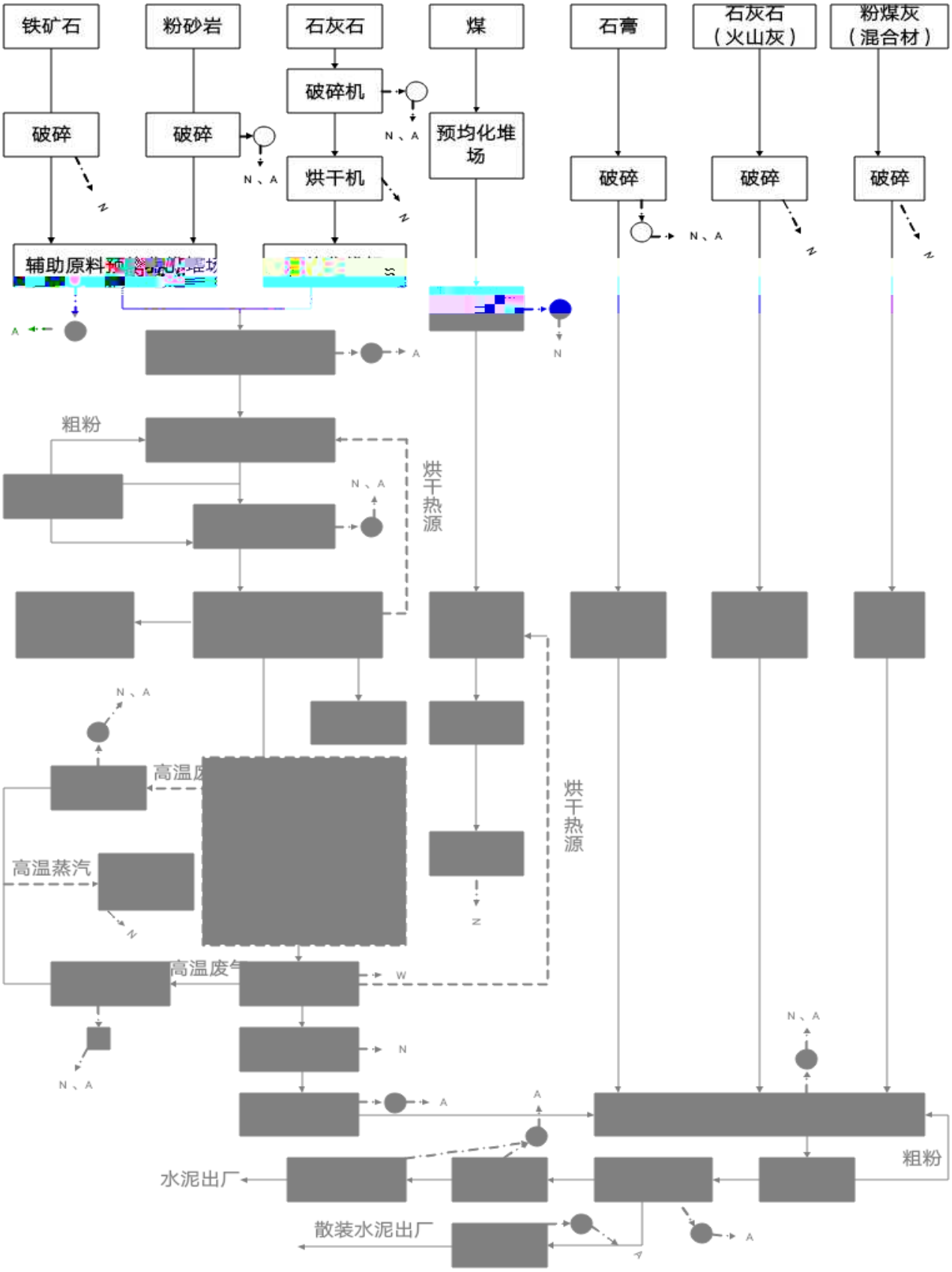
2-2

2-2

			t	t/a
1			250000	491392
2			45000	255766
3			60000	74938
4			45000	442128
5			60000	177951.83
6			20000	208104.67
7			120	6000
8			50	
9			2	--

2.4

2-1


铁矿石
粉砂岩
石灰石
煤
石膏
石灰石
（火山灰）
粉煤灰
（混合材）
破碎机
破碎
破碎
烘干机
预均化堆场
破碎
破碎
破碎
N、A
N、A
N、A
辅助原料预
粗粉
烘干热源
N、A
高温蒸汽
烘干热源
N、A
N、A
N、A
粗粉
水泥出厂
散装水泥出厂

W N A ○ □

2-1

1.

2.

3.

4.

5.

6.

SP

≤50mg/m^3( )

SP

7.

Φ22.5×60m 2×20000t

8.

2×4500t

Φ60m

2×100000t

AQC

≤50mg/N m^3

9.

10.

CO CO_2

11.

12.

20 Φ12m Φ15m Φ18m Φ30m

13.

10

14.

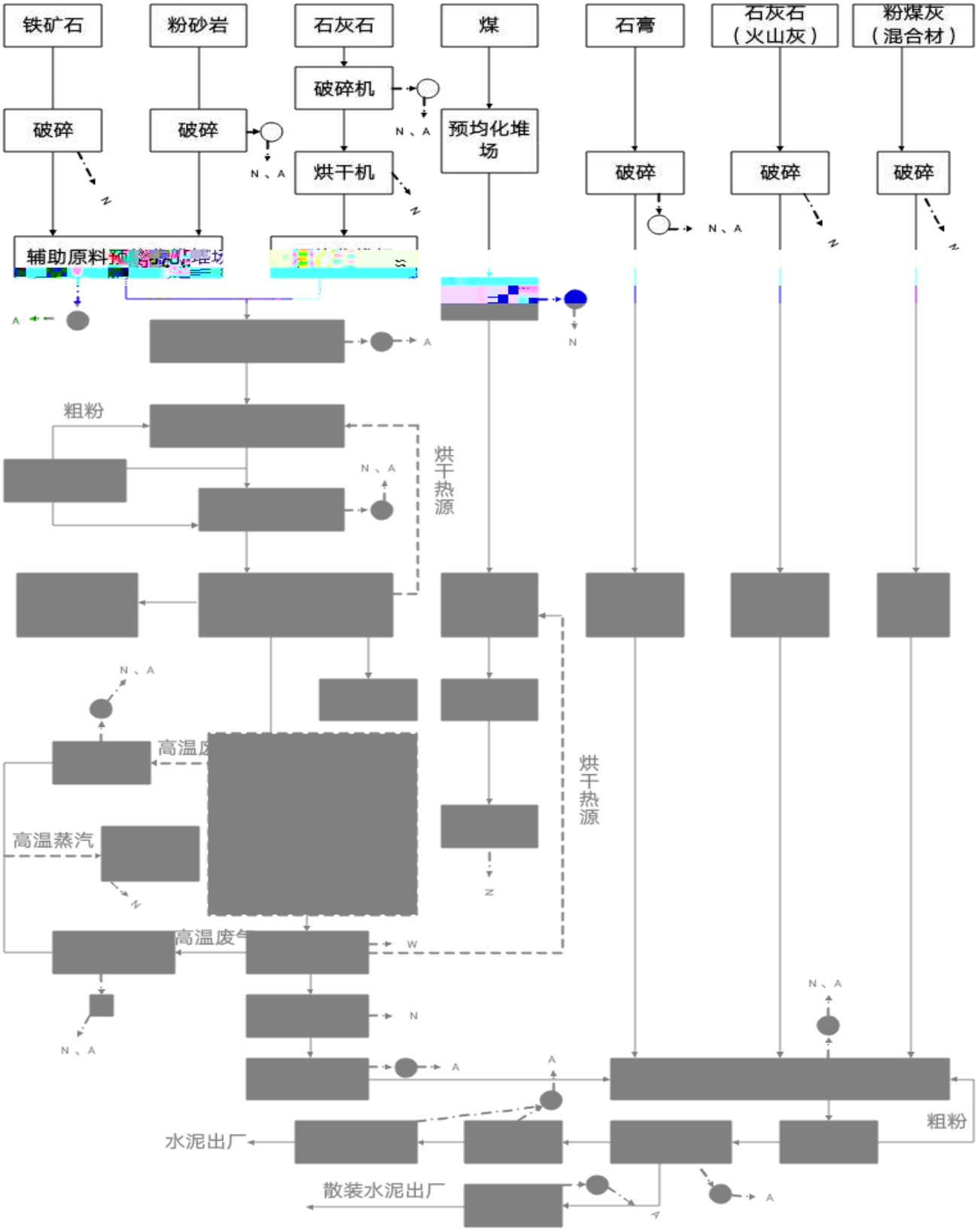
13

2.5

2.5.1

SO_2 NO_X

2-2


铁矿石
粉砂岩
石灰石
煤
石膏
石灰石
（火山灰）
粉煤灰
（混合材）
破碎机
破碎
破碎
烘干机
预均化堆场
破碎
破碎
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N、A
N、A
N、A
辅助原料
粗粉
烘干热源
烘干热源
高温蒸汽
高温废气
粗粉
水泥出厂
散装水泥出厂
W
N
A

○ □

2-2

2.5.2

COD_{Cr} SS

1

2

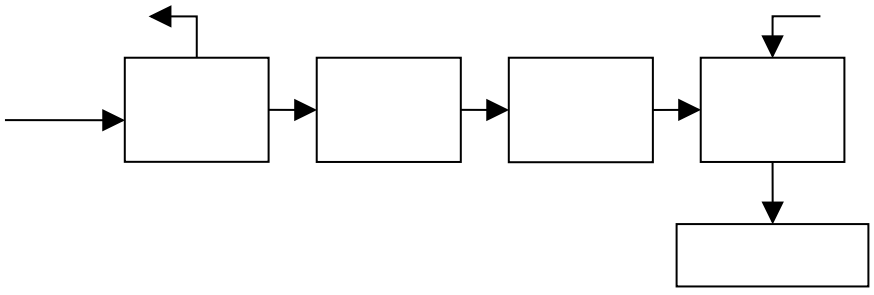
SS

3

150m^3

4

2-3



2-3

150m^3/d

25%

44%

10%

2.5.3

1

1

A

900000m^3/h 340 360℃

80g/m^3 10μm 75%

B

30 200g/m^3

C

250℃

30g/Nm^3

630000m^3/h

D

22300m^3/h 70g/m^3

E

8900m^3/h

50g/m^3

F

2

A

4500t/d 90 m^3/h 340

360℃

99%

106

B

φ4.8×74m

4500t/d

40

C

φ3.8× 7+2.5m

35m

D

15

E

2-3

1		LPM5C	1	1#
2		LMP6C-550	1	2#
3		HMC-80A	1	
4		HMC-80A	1	
5		LP M4C-370	1	
6		HMC-80A	1	
7		HMC-112A	1	1#
8		HNC-112A	1	2#
9		HMC-112A	1	
10		LPM5A-150	1	
11		LPM4C-370	1	
12		LPM5A-150	1	
13		HMC-80A	1	
14		HMC-112A	1	
15		HMC-112M	1	2#
16		LPM2×7D-00m	1	
17		HNC-112A	1	2#
18		LPMM2×7D-2180	1	2#
19		LPM6A-180	1	1#
20		LPM5A-150	1	1#
21		LPM6A-180	1	2#
22		LPM5A-150	1	2#
23		LPM6A-180	1	2#
24		LPM5A-150	1	
25		HMC-80A	1	
26		LPM5B-310	1	1#
27		LPM5A-150	1	1#
28		LPM5B-310	1	2#
29		LPM5A-150	1	2#
30		LPM5A-150	1	1#
31		LCMG530-2X14	1	1#
32	-	LJP10 11,12 258-2×2 1,2	2	1# 2#
33		LCMG530-2×14M	2	1# 2#
34		LPM7C-650	1	1#
35		LPM5A-150	4	1#
36		LPM5A-180	1	2#
37		LPM7C-650	3	2#

38		LPM7C-650	1	2#
39		LPM5A-150	1	
40		LPM5A-150	2	1#
41		LPM6B-370	1	1#
42		LPM6A-180	5	1#
43		LPM6A-180	5	2#
44		LPM6A-180	1	2#
45		LPM6A-180	1	2#
46		LPM9D-1647	2	1#
47		LPM6A-180	1	2#
48		LPM9D-1647	1	2#
49		LPM8D-1380	2	1#
50		LPM8D-1380	1	2#
51		LPM5A-150	2	
52		LPM6A-180	1	
53		HMC-96A	1	
54		LPM6A-180	16	
55		HNC-112A	2	2#
56		LPM5A-150	2	
57		HMC-112A	1	
58		LPM5A-150	4	
59		LPM6A-180	3	
60		LPM6A-180	4	
61		LPM4A-120	4	
62		LPM6B-370	4	
			112	

2 SO_2

SO_2

SO_2

SO_2

SO_2

3 NOx

NOx

20%

60%-80%

NOx

NOx NOx

NOx

50-60%

NOx SNCR

NOx

NOx 320mg/Nm^3

60%

4

,

5

SNCR 10ppm

TH-880F

2.5.4

75 105dB A

2-4

			dB(A)

			dB(A)
1			81——89
2			81——89
3			100——102
4			84——85
5			81——89
6			93——97

1

2

3

4

5

2.5.5

GB18599-2001 GB18597-2001

GB19598-2001

1

2-5 2016 2

2-5

	PH	SS	COD_{Cr}	BOD_5			
	7.72	4	17.6	4.6	0.102	0.29	0.04
DB44/26-2001	6-9	≤60	≤90	≤20	≤10	≤0.5	≤5.0

DB44/26-2001

2

2-6 2-7 2-8 2-9 2016 2

2-6

				GB4915-2013 DB44/818-2010 mg/m^3
1		424068	1.03	3
		427617	3×10^{-6}	0.05
		424068	1.16	10
		418668	6.3	30
		418668	349	400
		418668	31	100
2		429766	0.7	3
		428001	3×10^{-6}	0.05
		428001	0.85	10
		426229	5.3	30
		426229	310	

2-7

		m^3/h	mg/m^3	GB4915-2013 DB44/818-2010

2.5.7

(2-6) 2-11 ,2016 SO_2 228.48t

2014

4413002010023101 475.34t

2-11 SO_2

/t	0.311t	0.286t	0.597
/t	96.41	88.66	185.07

2.6

2-12

2-12

			(KW)	( )	
1		LPC1018D18	2×710	2	
2		CJ2 1100×1280	132 90	2	
3		MPS5300B	3700	2	
4		Φ4.8×74m	710	2	
5		NC39325	75×3	2	
6		BN9-1.6/0.35		2	
7		Φ3.8×9.5m	1250	2	
8		RP170-110	900×2	5	
9		Φ4.2×13m	3550	5	

2.7

2.7.1

_____ 114°20 ' 23°38', “

”

11 68

138 148

6

1

20.9℃ 39.9℃

2

1.6m 2.6m

3

NNW 23%

SSE 17%

SE 15% 15% 18%

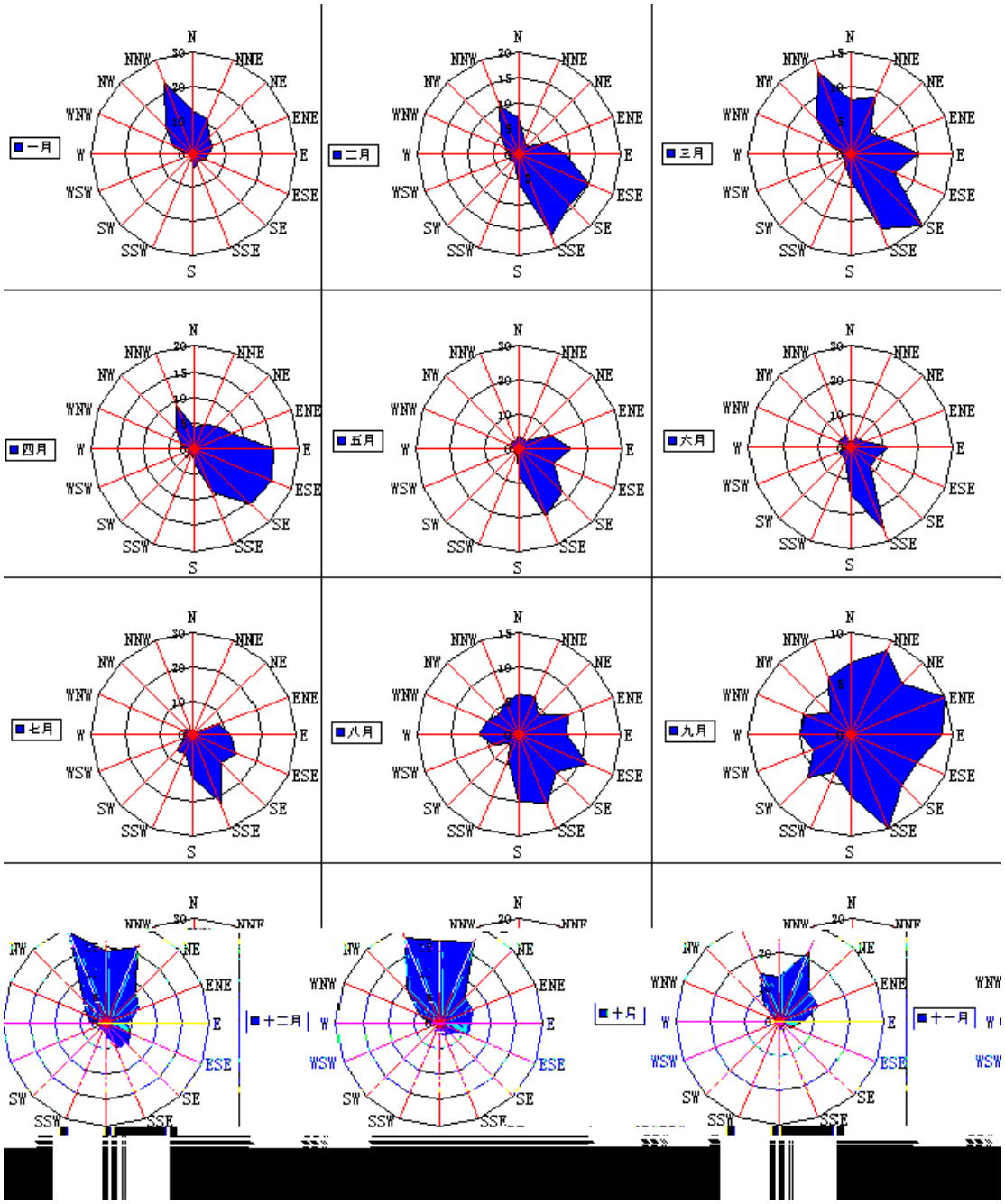
SSE 26% 22%

NNE 22% NNW

19% 18%

SSE NNW SE

11% 10% 9%



4

1.6 2.6 / 36 38.7℃

5.3 12