

3		1.5t/h		2
4		1.0t/h		2
5		1.0t/h		2
6		1.2t/h		1
7		1.2t/h		2
1		Q=2020m ³ /h H=0.22MPa		1

2.1.2

(

5138kJ/kg

3 5

15

5800kJ/kg

4200 7500kJ/kg

7m

6

-6m

850

195

+

+

+

(

190-220)

155-160

(
(CaSO₄) (CaCl₂)

80m
4.0MPa 450

2.1-1

		SNCR				

2.1.3

2.1-4

2.1-4

|

1174 mm	(NNE)	20
1.7m/s	20m/s	256
20	2.2-1	
2.2-1		

	17.4		
	37.1	2003-08-02	39.3
	-4.3	2016-01-25	-6.7
hPa	1012.3		
hPa	16.8		
(%)	75.0		
(mm)	1252.7	2015-07-23	217.9
	(d)	0.0	
	(d)	19.2	
	(d)	0.1	
	(d)	0.4	
m/s	6.8	2013-04-05	19.9N
m/s	1.7		
(%)	NNE 10.1		

2.2.3

		34.50
	21.50	1/7000
		1990

2.2.4

			2	10 m	
				30	120 m
15	30 m				
	200 m		60 m	70	130
m					
					6.37×108
m ³ /a	46.561×108 m ³ /a		7.3931×108 m ³ /a		
5.2551×108 m ³ /a		2.138×108 m ³ /a			
9.92	45.27×104 m ³ /km ² ·a		6.62	147.4×104 m ³ /km ² ·a	
	28.14×104 m ³ /km ² ·a				

2.2.5

5

2.2-2

2.2-2

				m			
	1			NNE	1400	70	298
				NE	920	110	443
				NEE	620	140	517
				E	322	103	425
	2			S	600	550	2350
	3			E	700-2800	420	1680
	4			W	800-1000	442	1676
	5	1		ESE	900-1700	500	2000
	6	+		NE	850-1600	400	1600
	7			N	910-1500	706	3050
	8			ESE	1350-1900	800	3200
	9			WN	1500-2400	91	313
	10			NE	1800-2800	700	3150
	11			SE	1900-2200	657	2685
	12			ES	1900-2000	350	1400
	13			NE	1400-2000	2500	8250
	14			ES	2100-2400	55	165
	15			SSE	2000-2300	380	1650
	16			ESE	2200-3000	718	3200
	17			ESE	2200-3150		16000
	18			E	2200-2600	911	2575
	19	6		ES	2200-2800	100	400
	20			E	2760-2900	100	400
	21			NE	2200-2600	731	3456
	22			NE	2500-2880	2500	8200
	23	3		NE	2650-2800	135	500

(GB3095-2012)

	24		NW	2400-2600	100	400	
	25	1	N	2570-2820	40	160	
	26	7	NNE	1480-2380	215	860	
	27		NE	2200-2500	500	2000	
	28		SE	920		200	
	29		EN	2000		5500	
	30		ES	1700		1000	
	31		NE	1600		130	
	32		NE	1500		100	
	33		E	2300		200	
	1m 200m						GB3096-2008 2 2
			E	730m			GB3838-2002 III
							GB/T14848-2017 III

2.3-1		
1		

3

3.1

3.1.1

3.1-1

3.1-1

	+	+		

3.1.2

SCR

3.1-2

3.1-2

	/						
	t/a		*				
	40		2500t	16.8t			
20%	480		10t	27.6t 30m ³ 5.52t			

HJ 941-2018

20%

3.1-3

3.1-4

3.1-3

	10# 0 -10 -20
	UN 2924
	C15—C23

	≤10 0 -10 -20					
	1 0.85					
	200 365					
	≥55					
	350~380					
	V 1.5~6.5					
	CO CO ₂ H ₂ O					
3.1-4						
	20%~30%					
	8.2			2.3		
				X		
				X		
				LD50 350mg/kg LC50 1390mg/m3 4		
				/% 15.7		
				27.4		
				，		
	，			，		

+

3.1.3

20m³

30m³ 16.8t 27.6t 5.52t
HJ941-2018

1

2

$$\frac{q_1}{Q_1} + \frac{q_2}{Q_2} + \dots + \frac{q_n}{Q_n} \geq 1$$

q1 q2 qn – t
Q1 Q2 Qn – t

3.1-5

			t	t	
1			16.8	2500	
2	20%		5.52	10	

3.2

3.2.1

0#

1 540m³

				1.45	
				$V_5=167.7\text{m}^3$	
				$V = 50+180-55+167.7=342.7\text{m}^3$	
				342.7m^3	1
				540m^3	
3.2.2					
				5ng TEQ/m^3	2 500t/d
				7200m^3	
				36000ng TEQ	
2008	82				4pg TEQ/kg
				10%	0.4pg TEQ/kg
				60kg	100%
				100%	
				24pg	
D				2.7m/s	25
					10L
				20	
				15	D 2.7m/s
				24pg	

3.2.3

5.6%

3.2.5

0.5 1 /

3

1620m³

190t/d

200t/d

GB50483-2009

1

1

GB50483-2009 6.6.3

V1

7

V1=190 7=1330m³

2

3

1620m³

7

3

7

1620m³

3.2.6

	10min		30min
	LC50		IDLH
18.1m			91.6m
300m			

3.2.7

	260m ³		-
(GB18597-2001	2013		)

			GB18597-2001	2013
				1
≤10 ⁻⁷ cm/s	2		2	
≤10 ⁻¹⁰ cm/s				

			GB15562.2
591			5

3.2.8

50

3.3

Q

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

q1, q2, ..., qn——

t

Q1, Q2, ..., Qn——

t

3.1.3

Q=0.923

Q 1

Q

Q 1

Q

1

1

Q

10

2

10

Q

100

3

Q

100

Q1

Q2

Q3

Q

Q 1

3.4

3.4.1

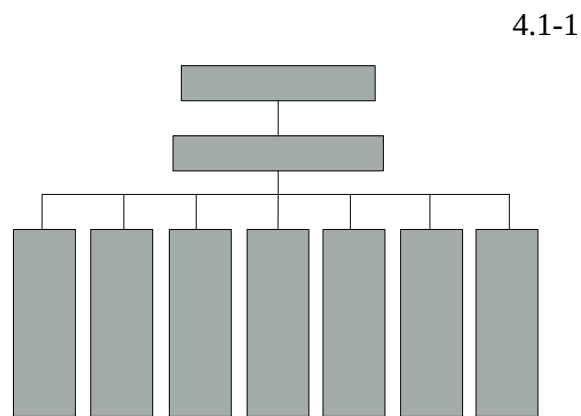
3.4-1

3.4-1

1				

4

4.1



4.1-1

4.2

4.2.1

4.2.2

1

2

3

4

5

6

7

4.2.3

1

2

3

4

5

6

7

119

5

5.1

5.1.1

5.1.2

5.1-1

5.1-1

			(1)
			(2) (3) (4) (5) (6)
			(1)) (
			(2) (3) (4)

			(1)
			(2)
			(3)
			(4)
			(1)
			(2)
			731620m ³
			(1)
			(2)

5.2

5.2.1

- 1
- 2

3

4

5

6

7

8

SO₂

$$\text{SO}_2$$

3

4

5

6

7

8

SO₂

3

4

5

6

7

8

SO₂

3

4

5

6

7

8

SO₂

3

4

5

6

7

8

SO₂

3

4

5

6

7

8

SO₂

5.2-1

5.2-1

	1 2
	1 2 3 4 SO ₂ 5
	1 2

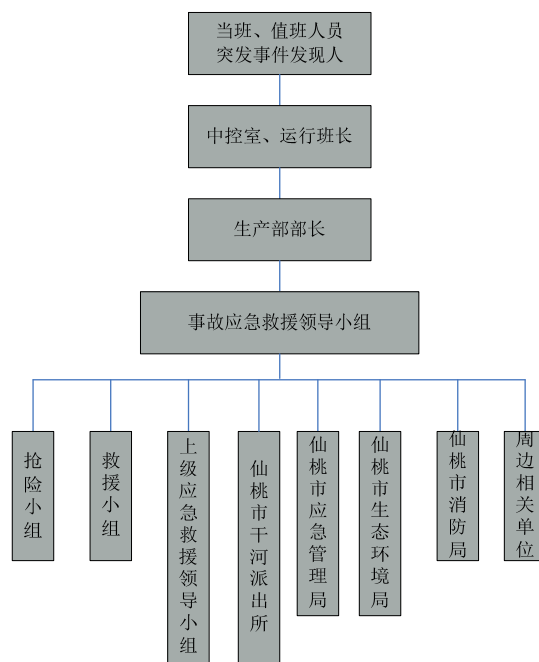
	3
	4
	5
	6
	SO2

5.2.3

5.2.4

5.2.5

5.2-1



5.2-1

5.3

5.3.1

5.3.2

24

1

2

3

1

2

1

2

3

3

4

5

6

5.4-1

5.4-1

6

6.1

1

2

3

4

5

24

0728-3609321

6.2

1

18515181362

17562253555

1

2

3

4

5

6

7

6.3

6.3.1

- 1
- 2
- 3
- 4
- 5

6.3.2

- 1
- 2

0728-3222894
0728-3222810
119
0728-3224695
12369 0728-3322856
0728-3318933
027-87861455
15826880999
13707224477

2

6.4

1

2

:

()

3

4 II

15

5

7

10

10

8

7-1

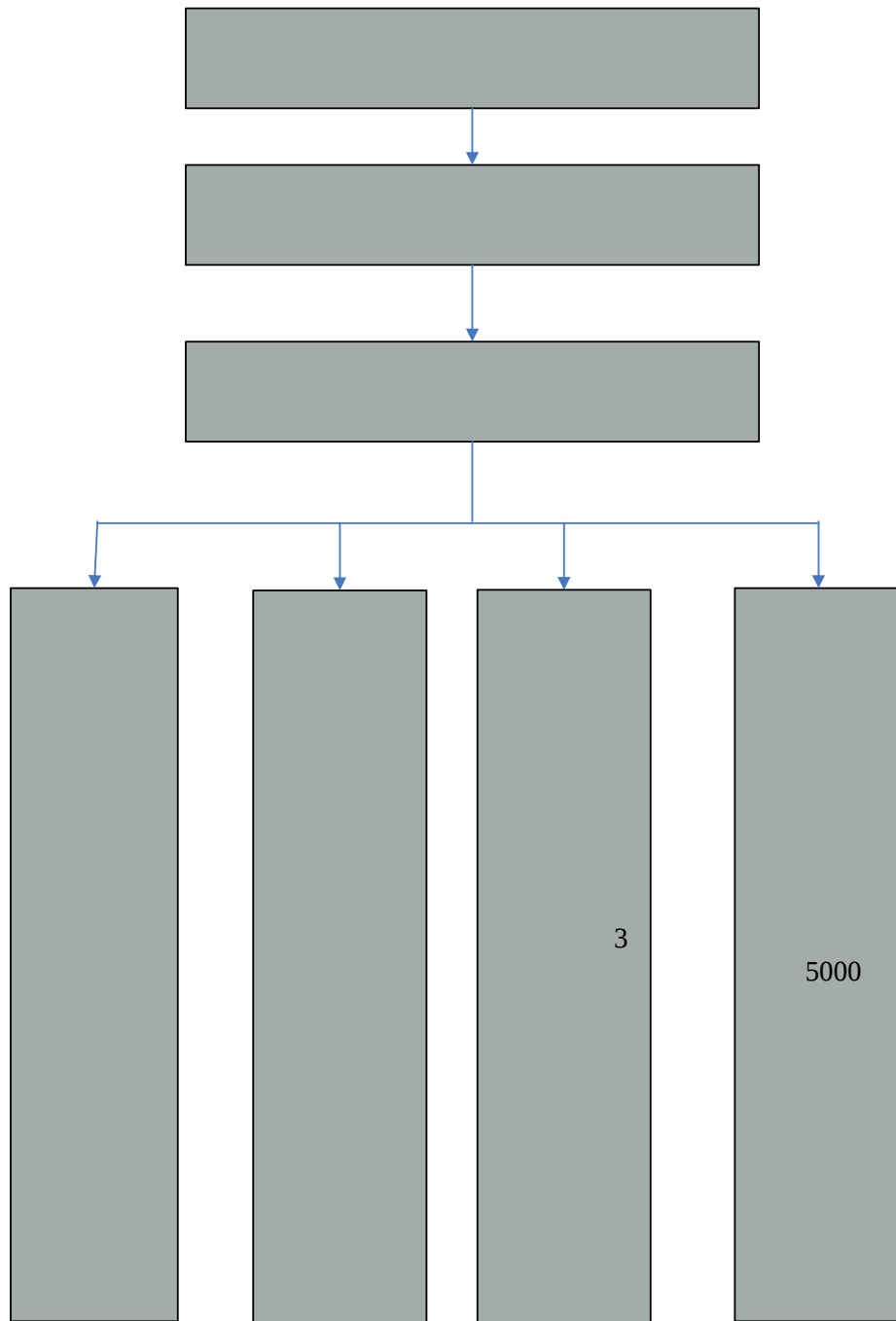
7-1

1			60		15607221281		1
2			70		15572885707		8
3			65		15711221921		4
4			60		185721903371		
5			55		15826880628		
6			66		15908614346		
7			60		13094250675		
8			61		15871837955		
9			53		13986923056		
10			38		13794030370		

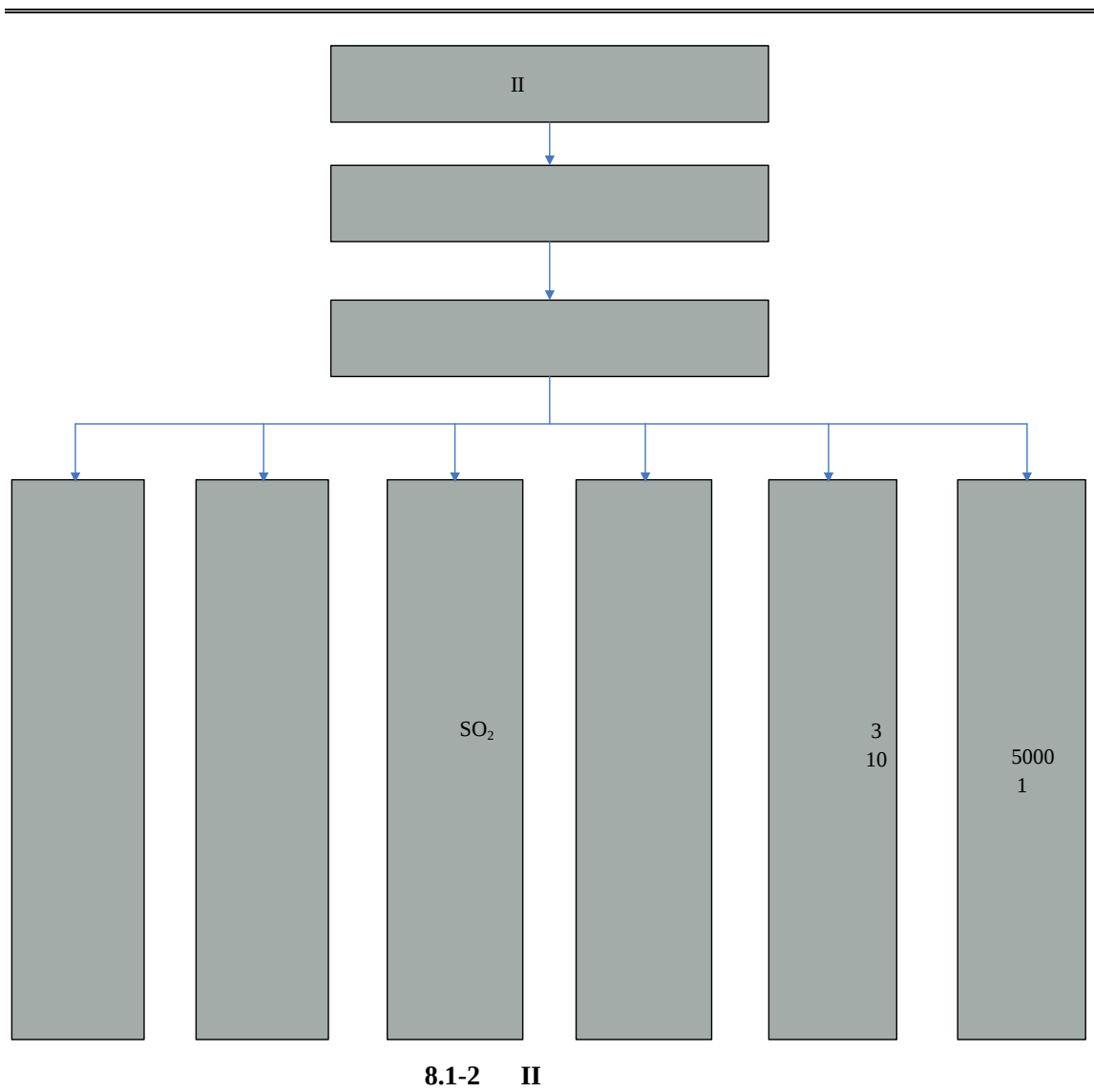
8

8.1

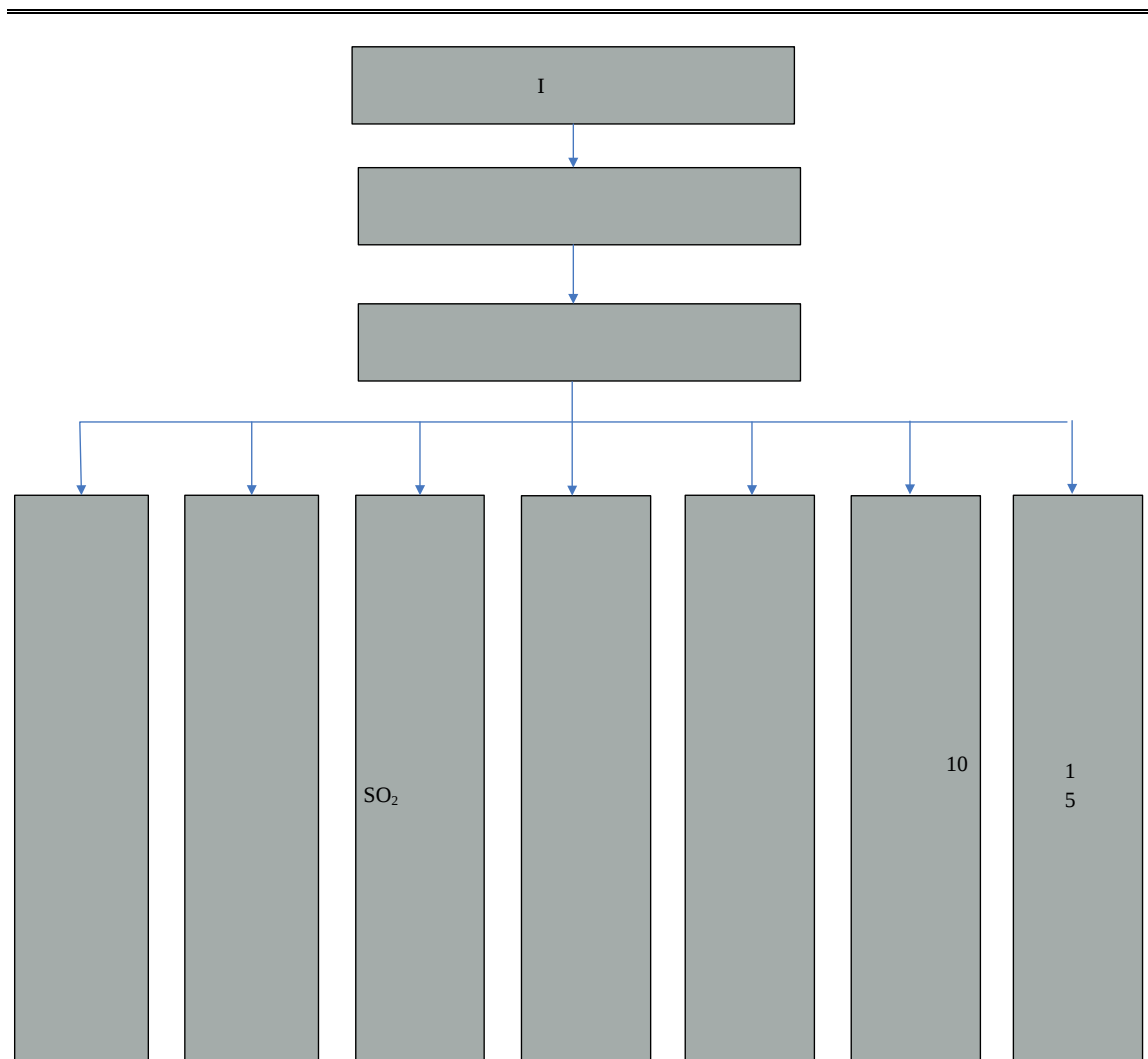
8.1-1~8.1-3



8.1-1 III



8.1-2 II



8.1-3 I

8.2

8.2.1

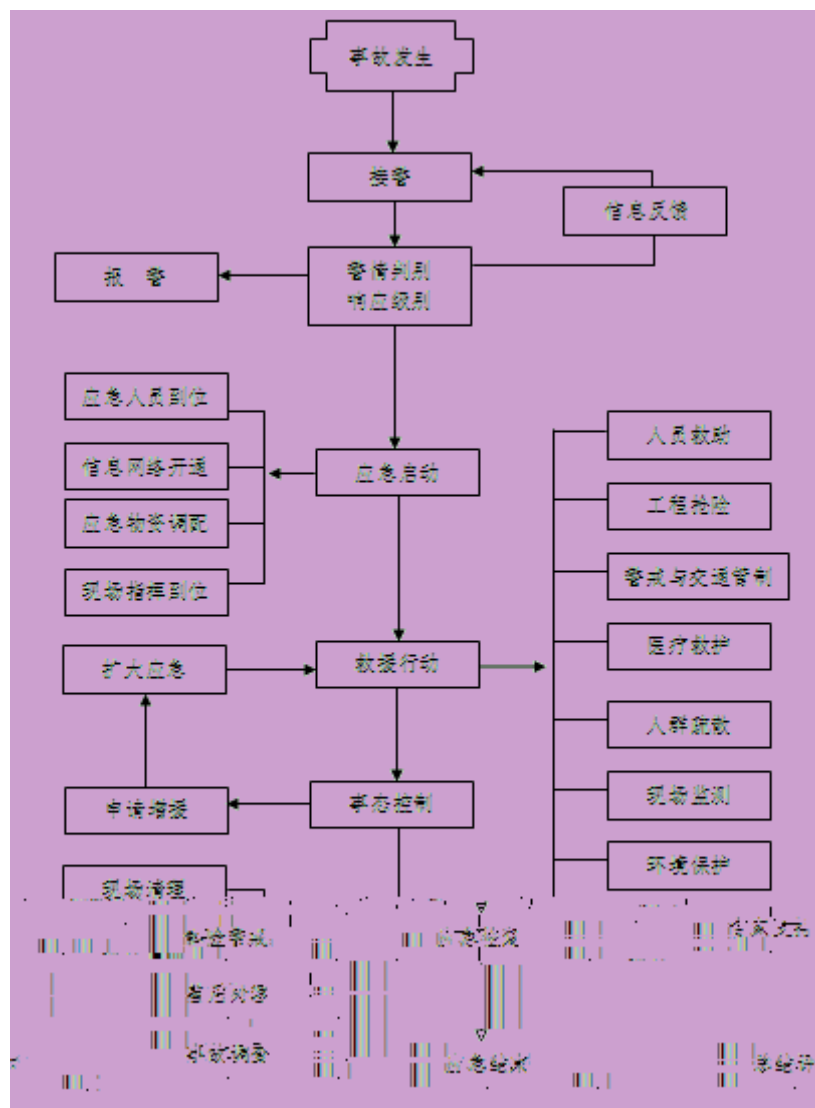
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→

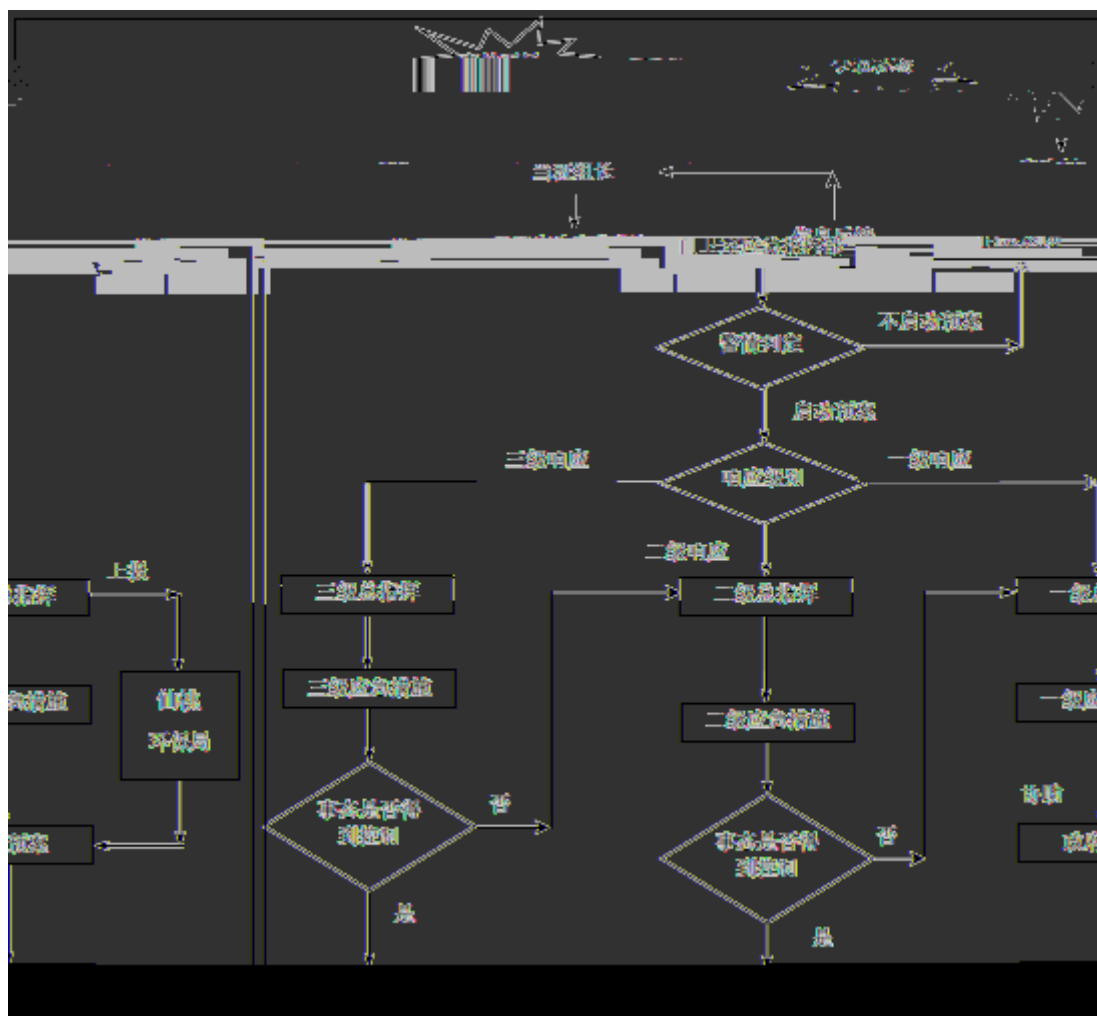
→

8.2-1

8.2-2



8.2-1



8.2-2

- 1
- 2
- 3
- 4
- 5
- 6
- 7

1

2

3

4

5

4

2

24

6

7

8