

6 PET

2020 3

6.2

6.3

6.4

6.5

6.6

6.7

6.8 “ ”

7.1

7.2

8

8.1

8.2

8.3

1

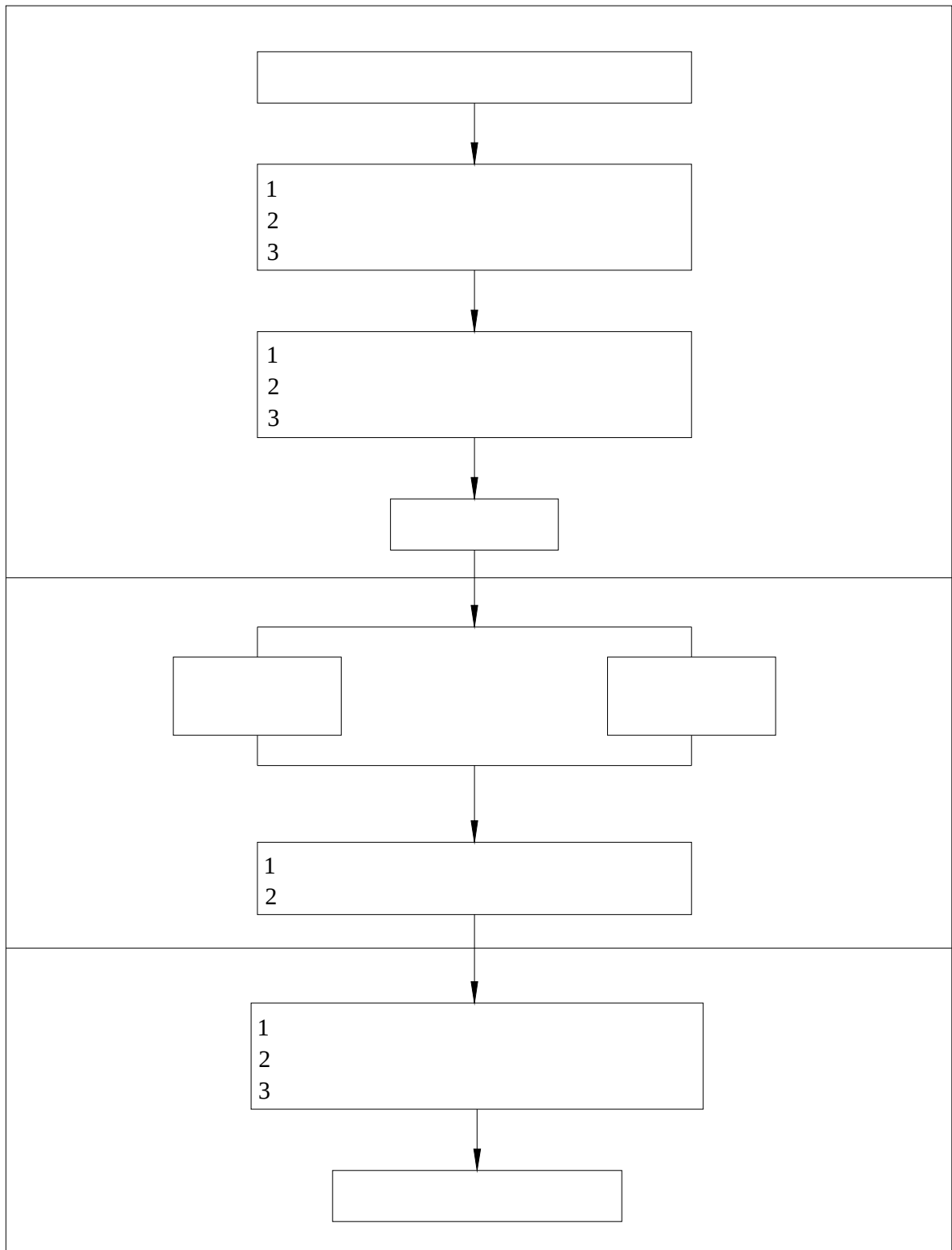
1.1

“ ”

“ ”

1.2

1.3



1.3-1

1.4

1.4.1

1.4.1.1

“

”

“

”

1.4.1.2

1

[2016]96

2 [2016]47 [2017]30

3 [2017]121 2019 53 [2014]128
“ ”

“ ”

4

[2018]22

[2018]122

“ ” “ ”

1.4.2

1.4-1

[2013]6

[illegible]

1.4.3 “ ”

1.4.3.1

1.4.3.2

“ ”

IV

1.4.3.3

1.4.3.4 (2019)

1.5

1.6

2

2.1

2.1.1

2.1.2

2.1.3

2.1.4

2.1.5

2.2

2.2.1

2.2-1							

2.2.2

2.2-2

2.2.3

2.2.3.1

1

[illegible]

2.2.3.2

1

IV

[illegible]

2

2.2-6 mg/L

TN

3

2.2-7

2.2.3.3

2.2-8 mg/L pH

		I	II	III	IV	
	*	≤	≤	≤	≤	
		≤	≤	≤	≤	
		≤	≤	≤	≤	

		I	II	III	IV		
		≤	≤	≤	≤		
		≤	≤	≤	≤		
		≤	≤	≤	≤		
		≤	≤	≤	≤		
		≤	≤	≤	≤		
		≤	≤	≤	≤		
		≤	≤	≤	≤		
		≤	≤	≤	≤		

		≤	≤	≤	≤		
		≤	≤	≤	≤		

≤

≤

≤

≤

≤

≤

≤

dB(A)

mg/kg

[illegible]

2.3

2.3.1

2.3.1.1

2.3-1

	$\geq$
	$\leq$

2.3-2

	℃	
	℃	
		√ □
		□ √

--	--	--

2.3-3

“ / ”

10%

2.3.1.2



2.3.1.6

2.3-8				E		

2.3-9				

2.3-10				

2.3.2

2.4

2.4.1

2.4.2

2.4-1

[illegible]

2.5

2.5.1

2014-2030

2.5.2

2.5.2.1

2.5.2.2

2.5.2.3

2.5-1

		184.18	100.00	

2.5.2.4

“

”

“

”

2.5.2.5

2.5-3

--	--	--	--	--	--

2.5.2.7

[2013]6

2.5-5

[2013]6

[illegible]

2.5.3**2014-2030****2.5.4**

2.5.5

2.5.6

IV

3

3.1

“

”

“

”

“

”

3.1.1

3.1-1

[illegible]

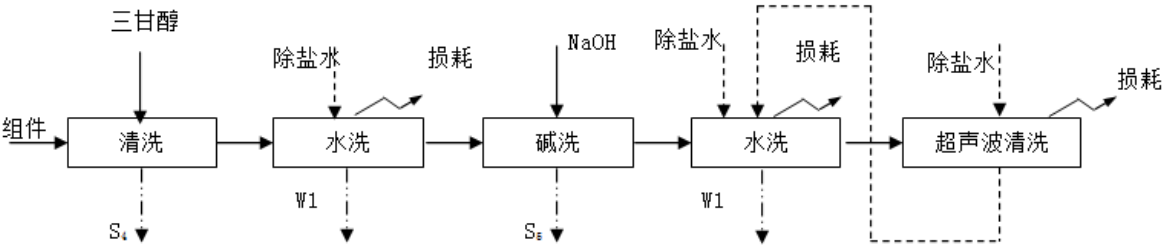
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3.1.2

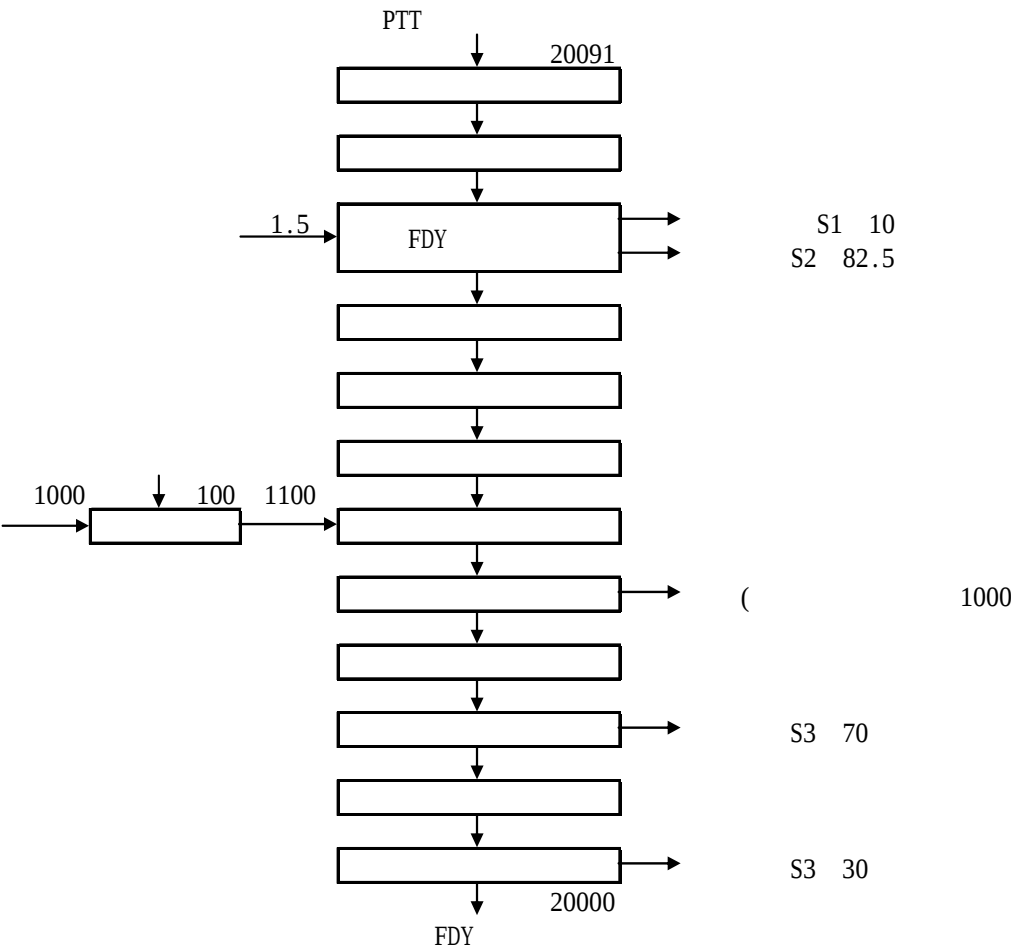
3.1-2

3.1.2.1

1



3.1-1



3.1-2 PTT

2

3.1-3

3

[illegible]

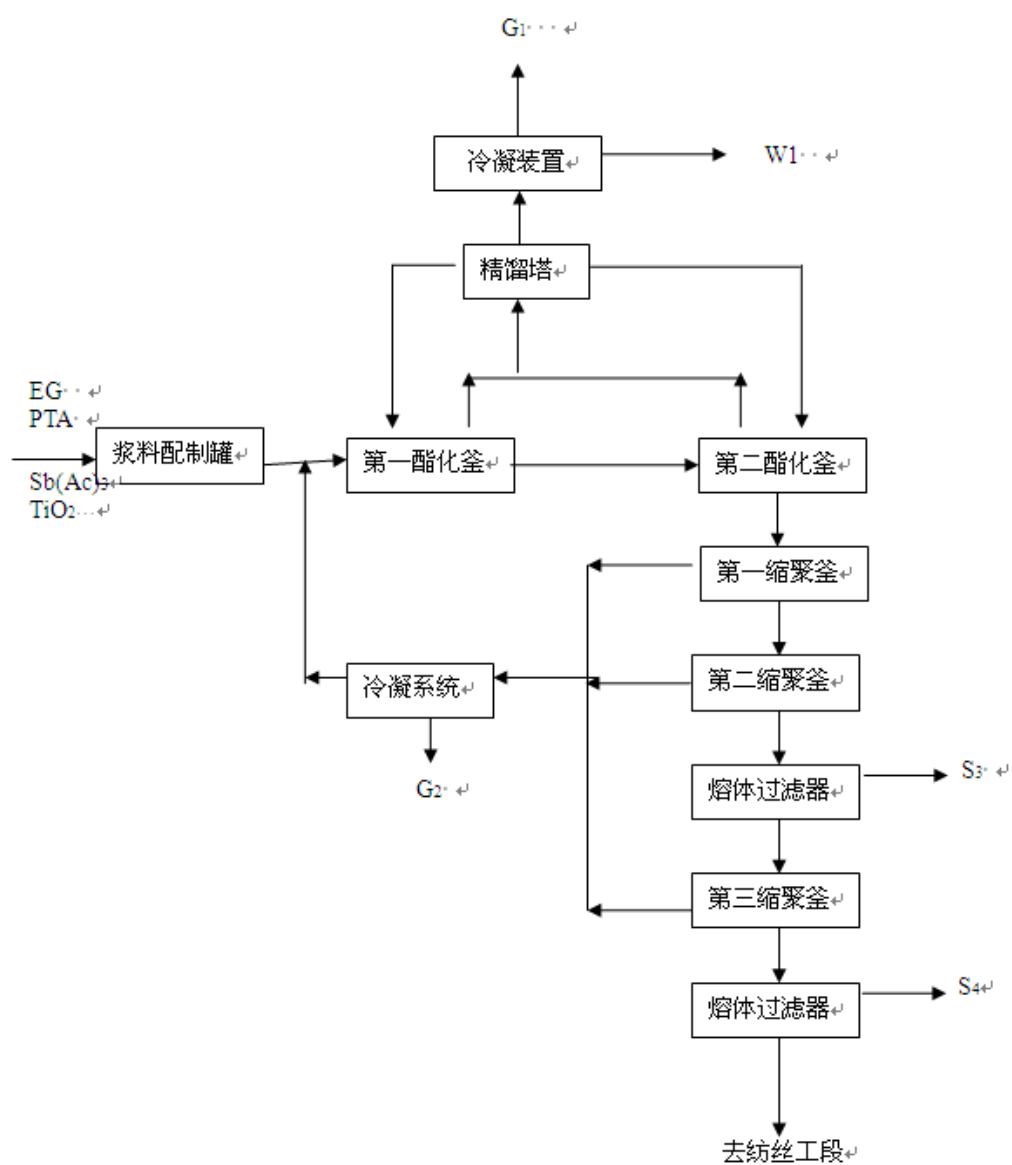
3.1-5

4

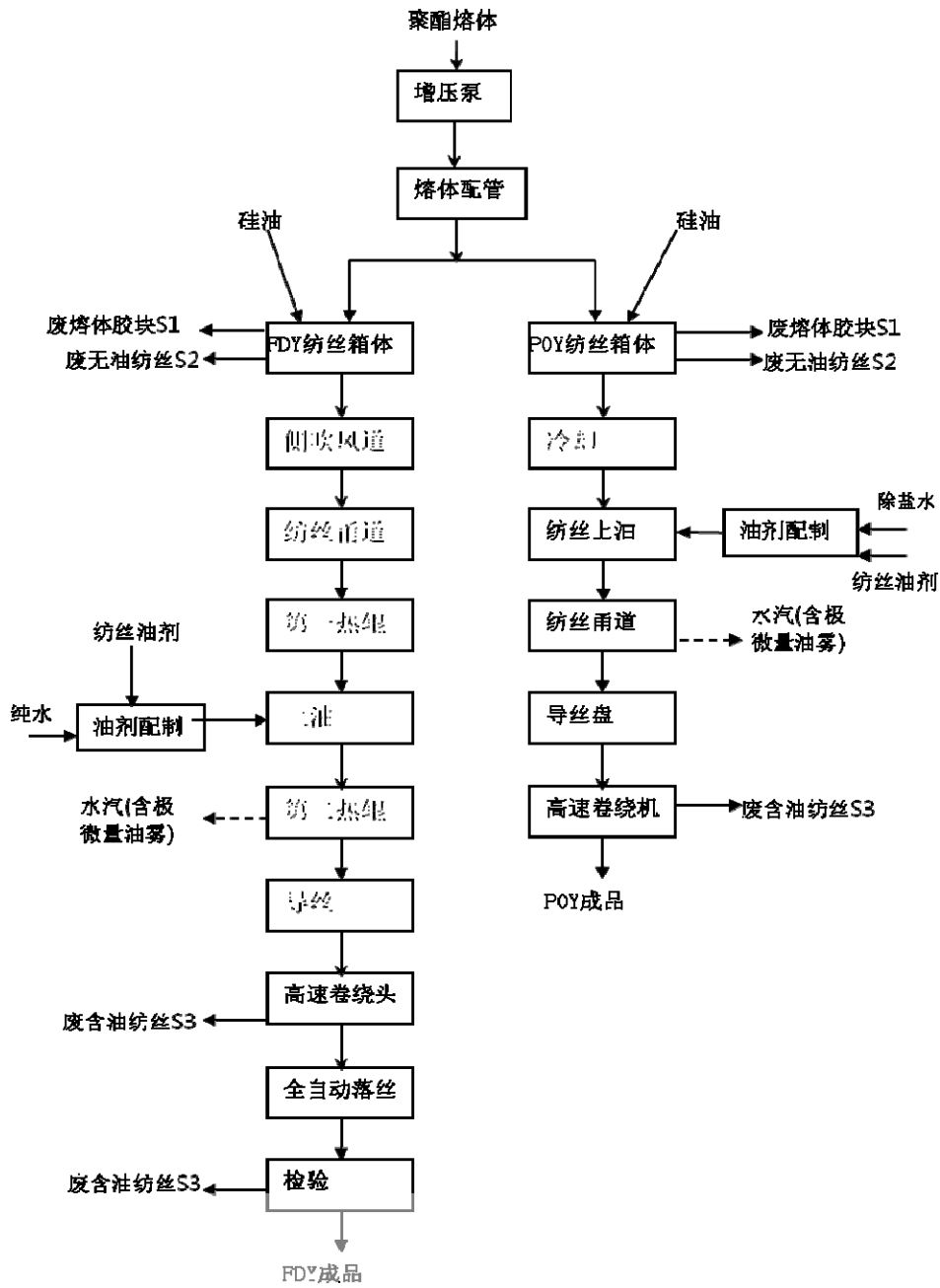
3.1-6

t/a

3.1.2.2



3.1-3



3.1-4

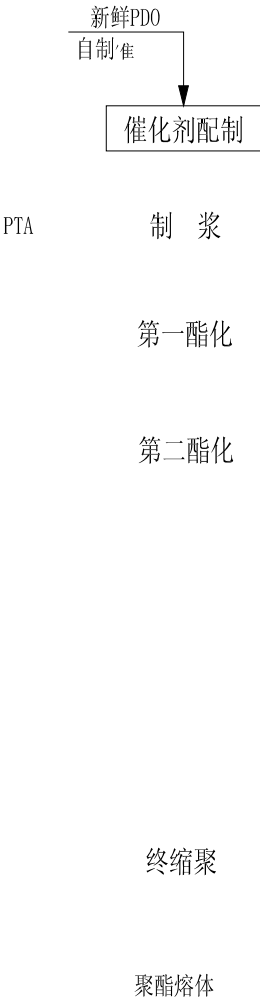
3.1-7

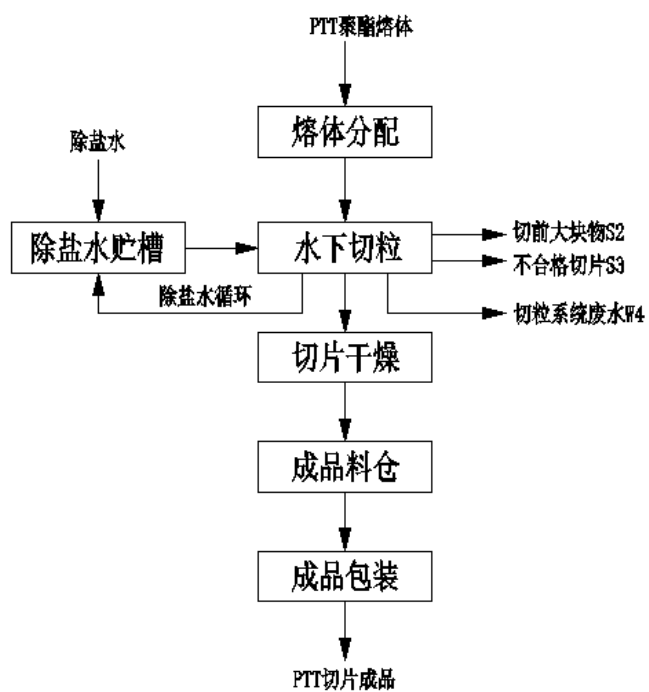
3.1-8

[illegible]

3.1-10		

3.1.2.4





3.1-7 PTT

3.1-11

3.1-12

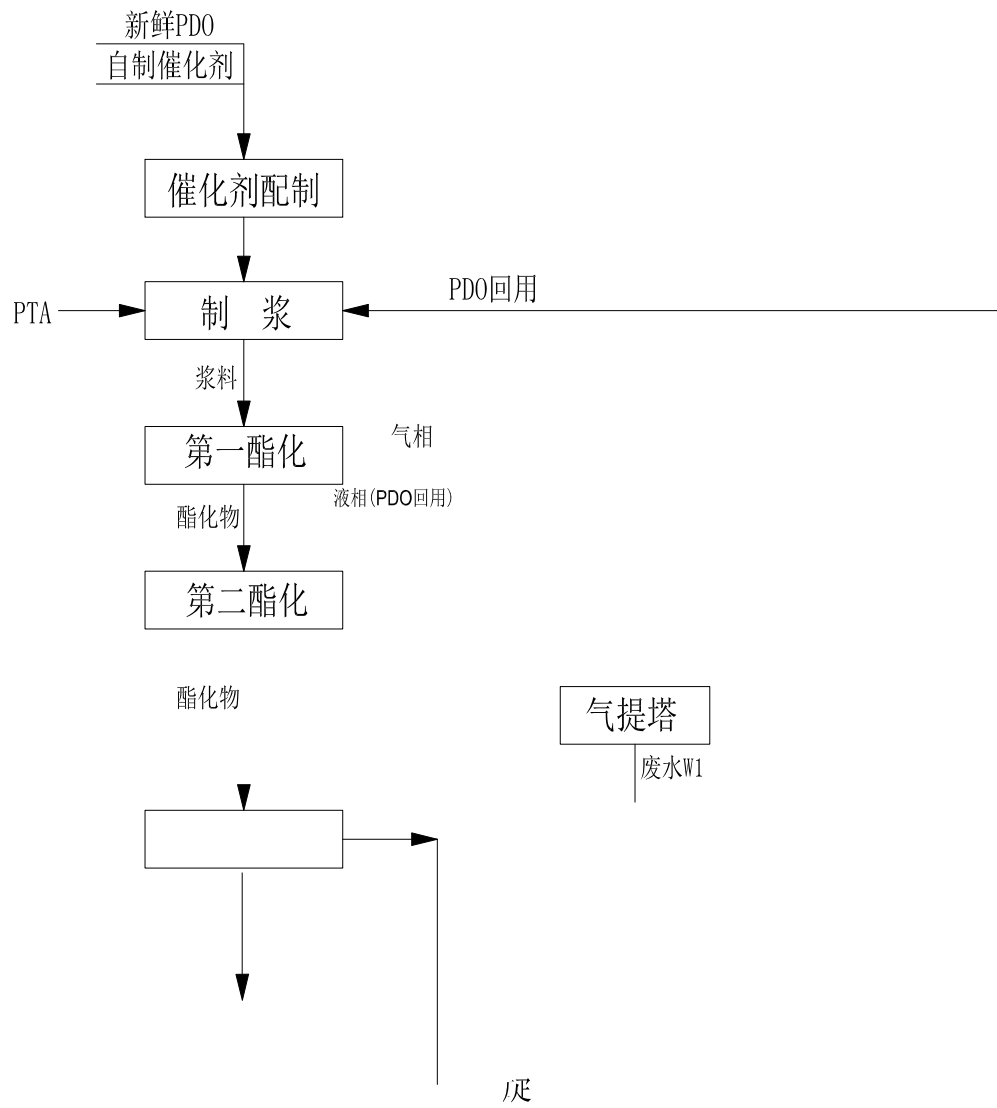
[illegible]

3.1-13

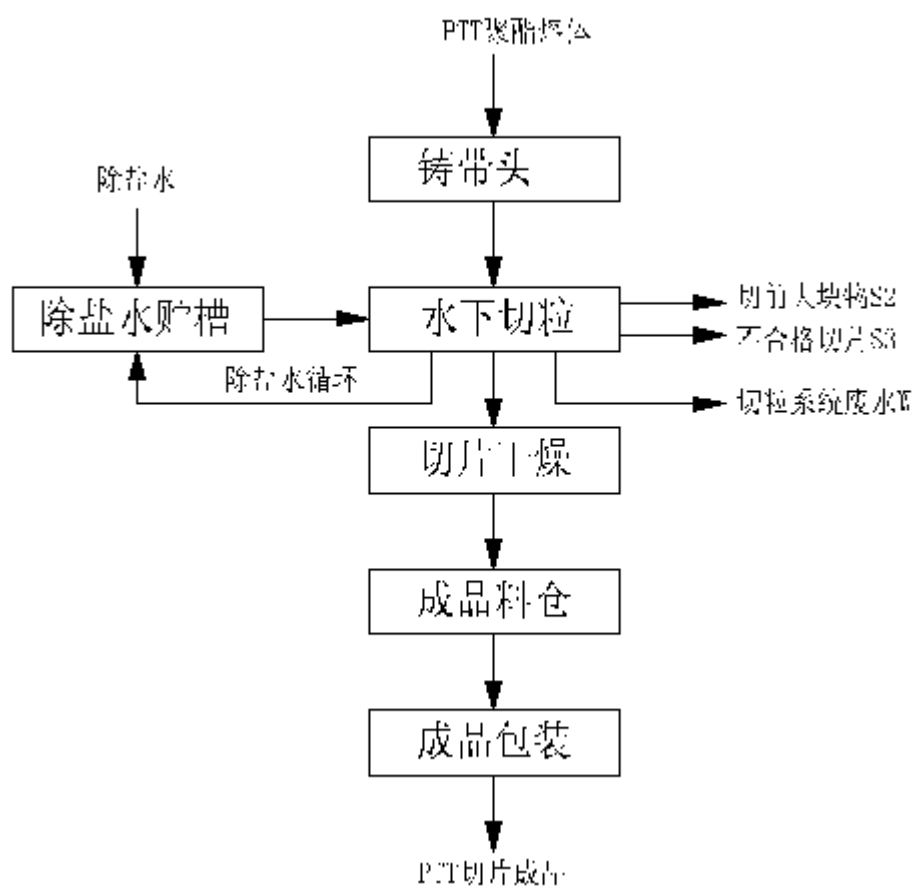
3.1-14

3.1.2.5

1



3.1-8 PTT



3.1-9 PTT

PTT切片
↓

3.1-10 FDY

3.1-16 PTT

PTT

3.1-17 PTT

3.1-18

[illegible]

[illegible]

3.1-20

[illegible]

3.1.2.6

3.1-22

3.1-23

3.1.11

3.1.12

“ ”

“ ”

3.1-25							mg/L

“

”

3.1.13

“

”

3.2

3.2.1

3.2.2

1-5

Unit 1						

[illegible]

			$\leq$			$\leq$			$\leq$		
	$\leq$										
	$\leq$										
	$\leq$										
	$\leq$										

3.2-7

FDY

GB/T 8960-2015

			$\leq$			$\leq$	
		$\leq$					
		$\leq$					
		$\leq$					
	$\leq$						
	$\leq$						
		$\leq$					
				$\leq$			$\leq$

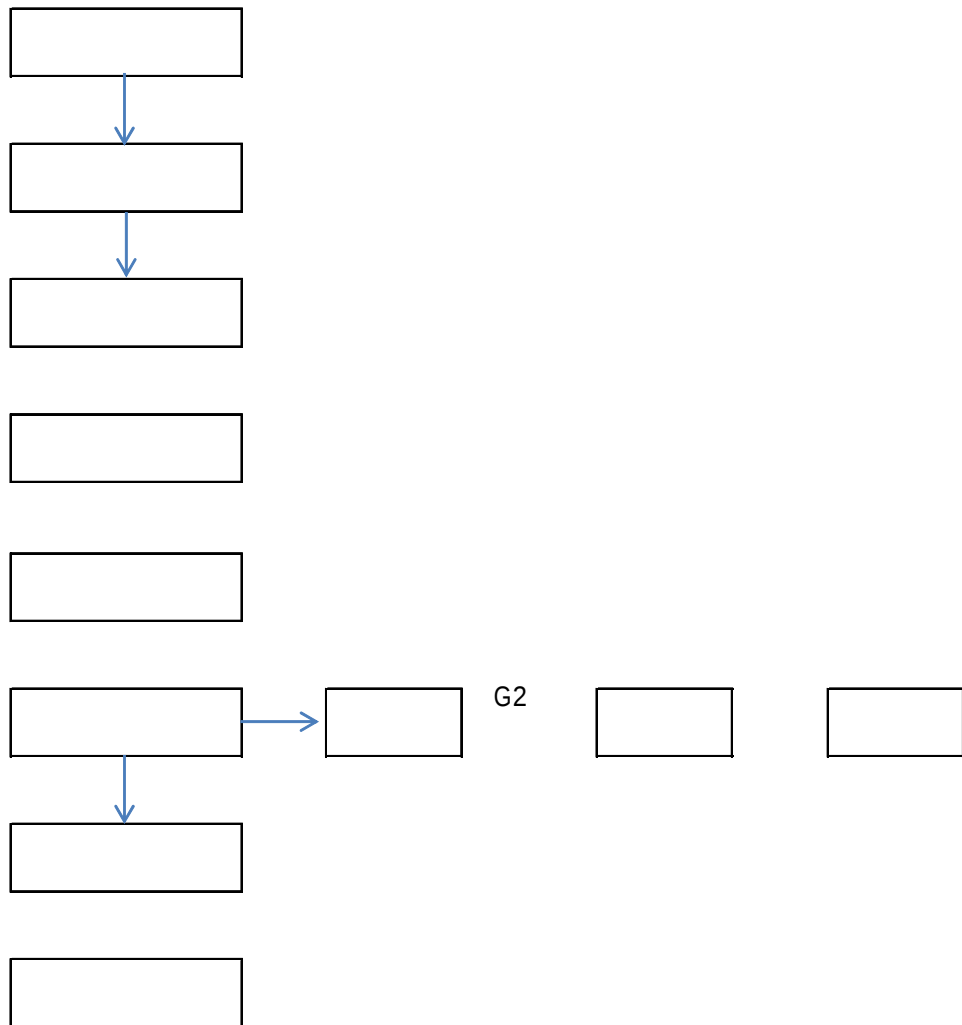
4€ÔÔ-# Th?6 — ôrW \$1€3+5

3.2.4

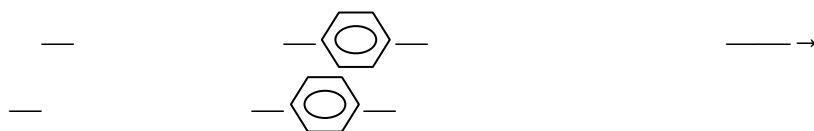
3.3

3.3.1

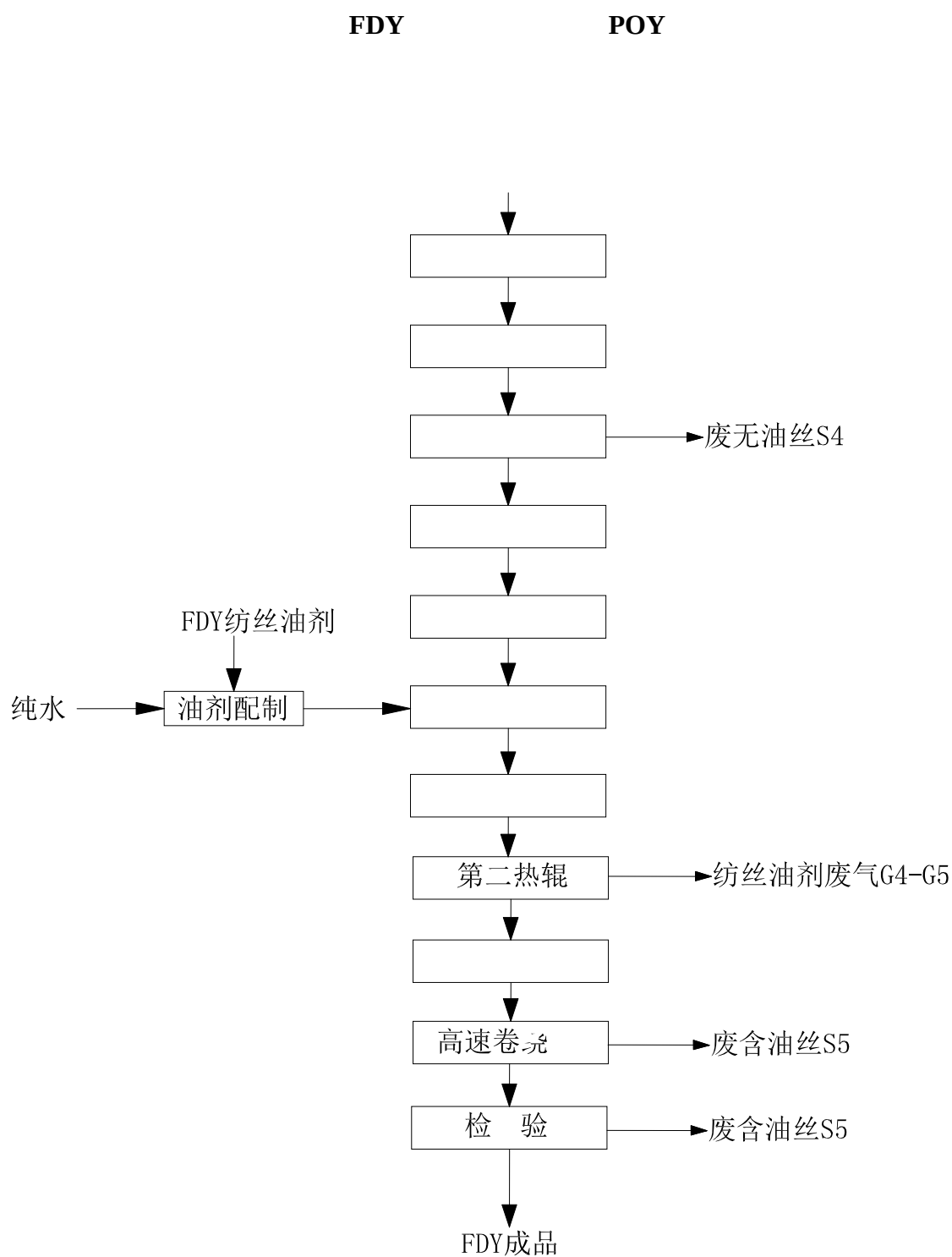
3.3.1.1



3.3-1



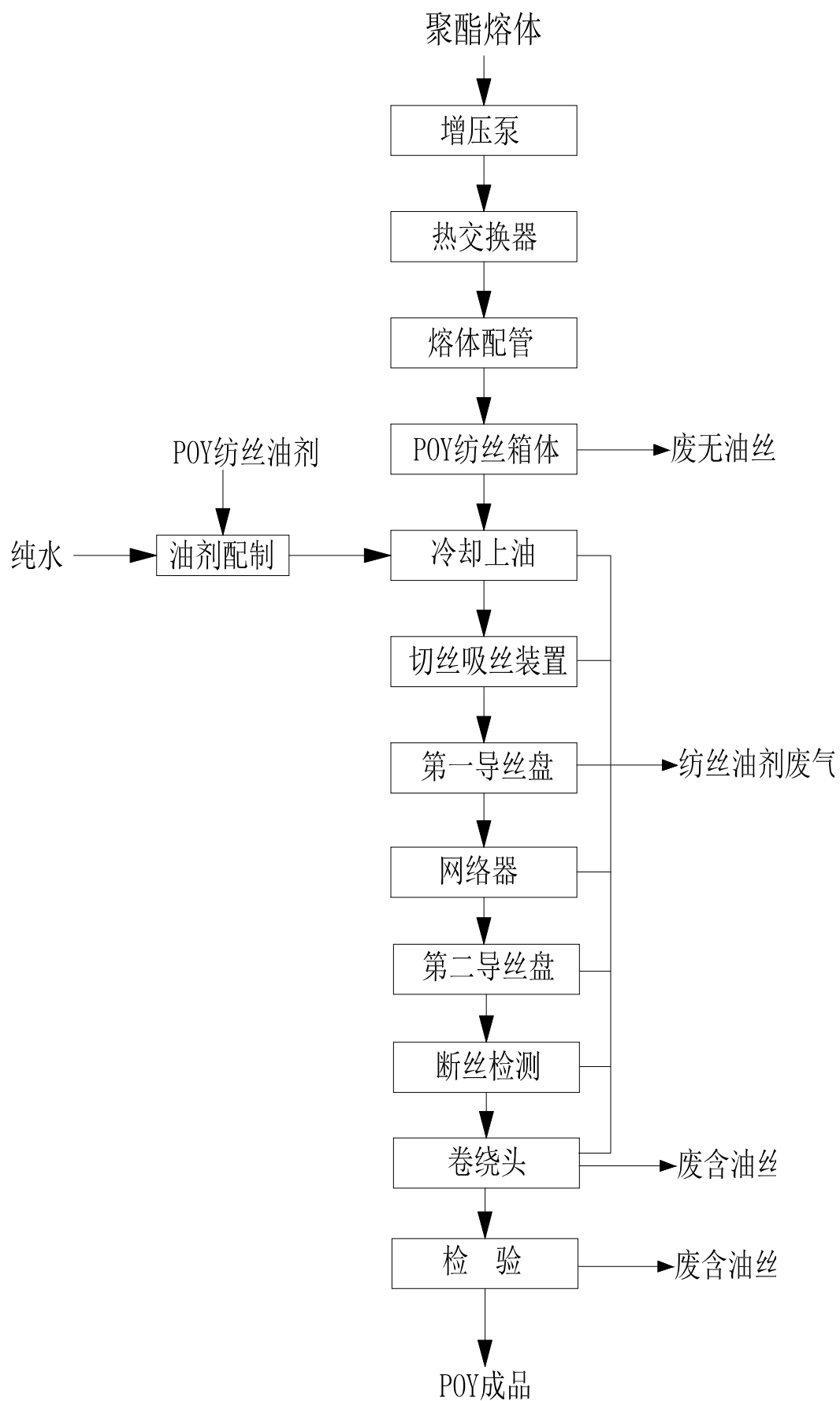
3.3.2.2 POY FDY



3.3-2

FDY

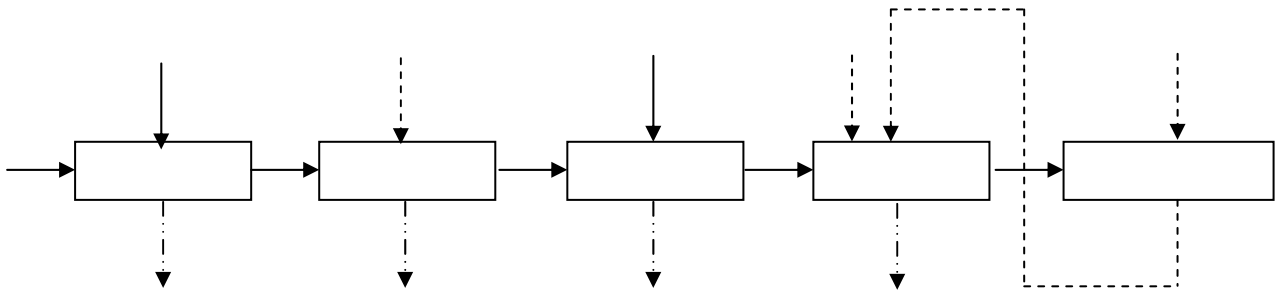
95% 2 G2 2 30m
S3 S4 S5 S6
POY



3.3.2.3

3.3.2.4

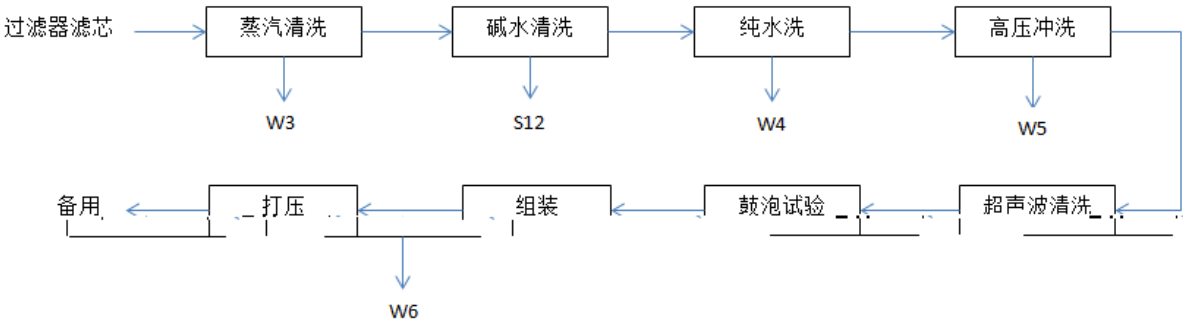
°C



3.3-3

3.3.2.5

°C



3.5-1

3.3.2.6

—

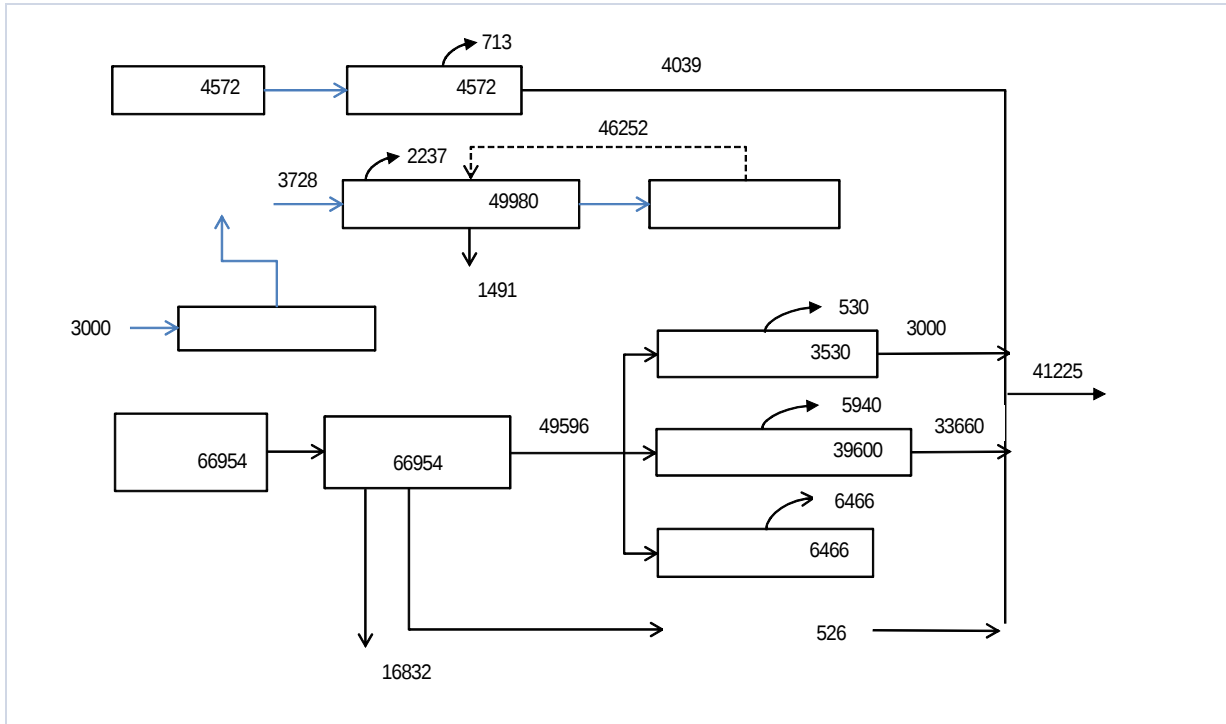
3.3.3

3.3-1

3.3.4

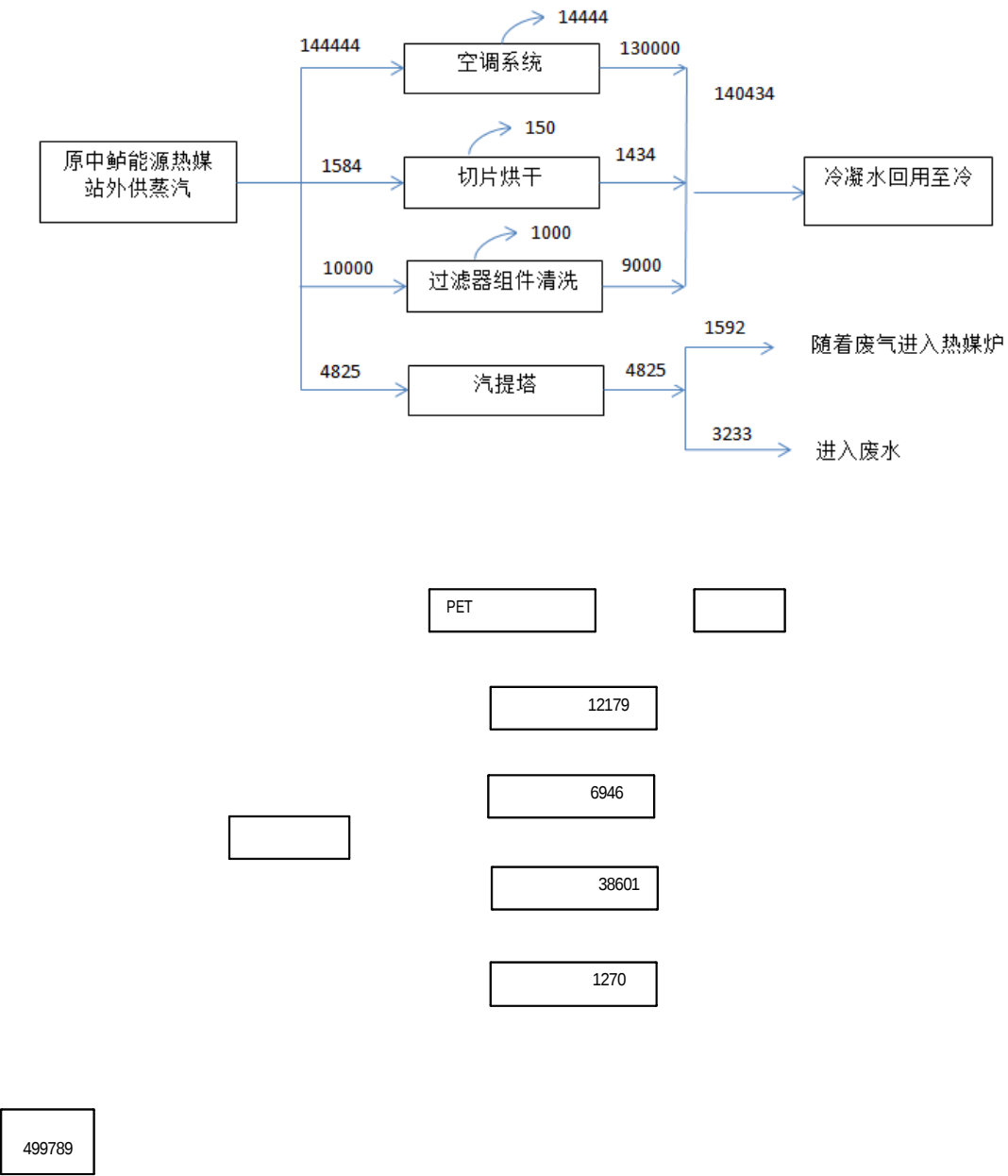
3.3-2

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3.3.5-1

t/a



3.3-6

t/a

3.3.6

3.4

3.4.1

3.4-1

3.4-2

		”	“		

3.4.3 P

3.4.3.1 Q

Q
Q

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

q_1 q_2 q_n
 Q_1 Q_2 Q_n

Q
 $Q \geq$ Q $\leq Q$ $\leq Q$ $Q \geq$

3.4-5 Q

			q_n	Q_n	Q

			q_n	Q_n	Q

HJ169-2018 B B.2

2 3 1

$Q \leq Q$

3.4.3.2 M

$\leq$

3.4-6 M

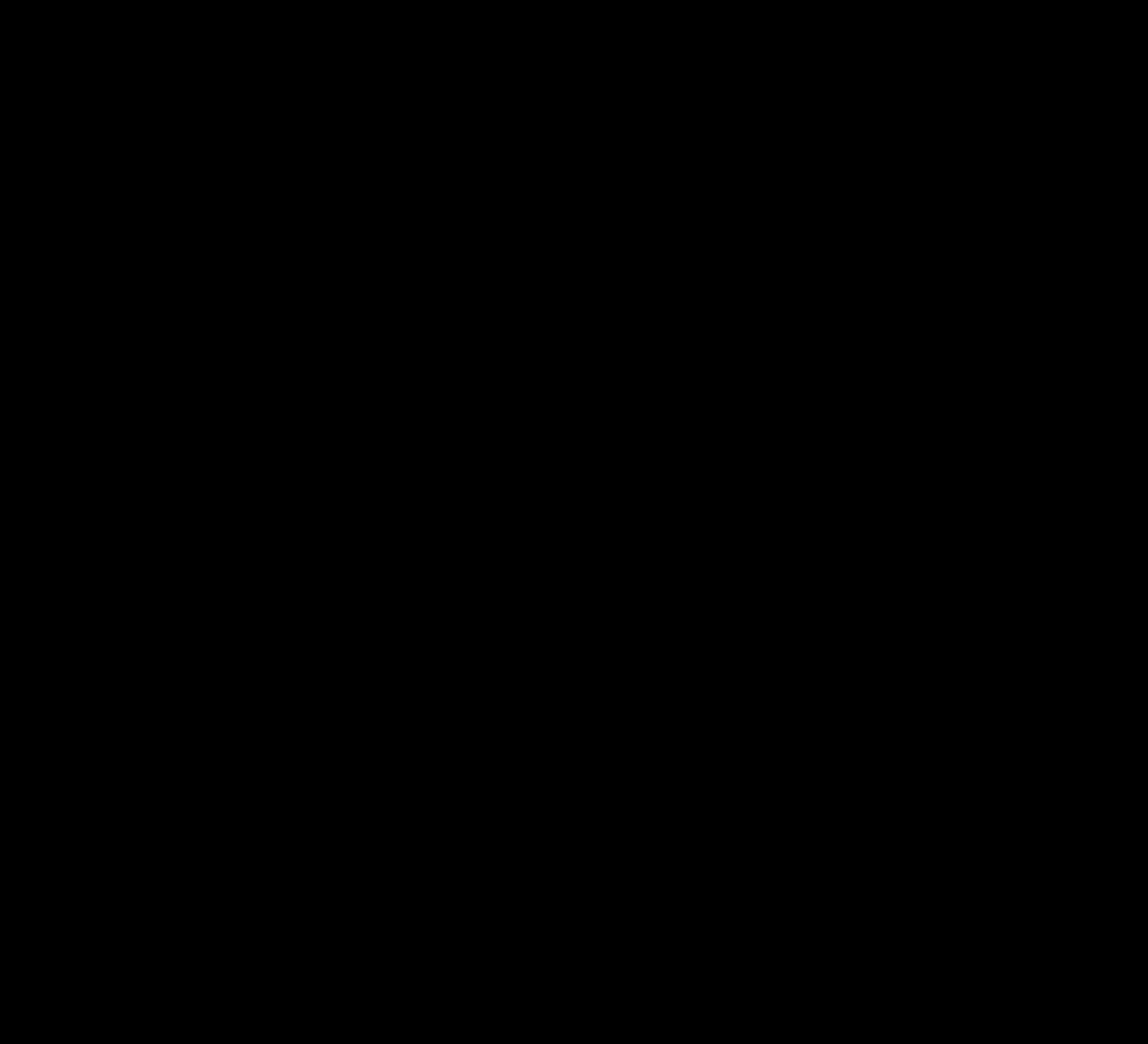
3.4.3.3

3.4-7

$\geq$				
$\leq$				
$\leq$				

3.4.4

3.4-8



				III	
				III	
				III	

3.5

3.5.1

3.5-1

[illegible]

5-4

							t/a
						µg/m ³	

5-5

+

		t/a

3.5.2

3.5-3

[illegible]

3.5.3**5-6**

3.5.4

3.6 “ ”

3.6-2

4

4.1

4.1.1

4.1.2

VI

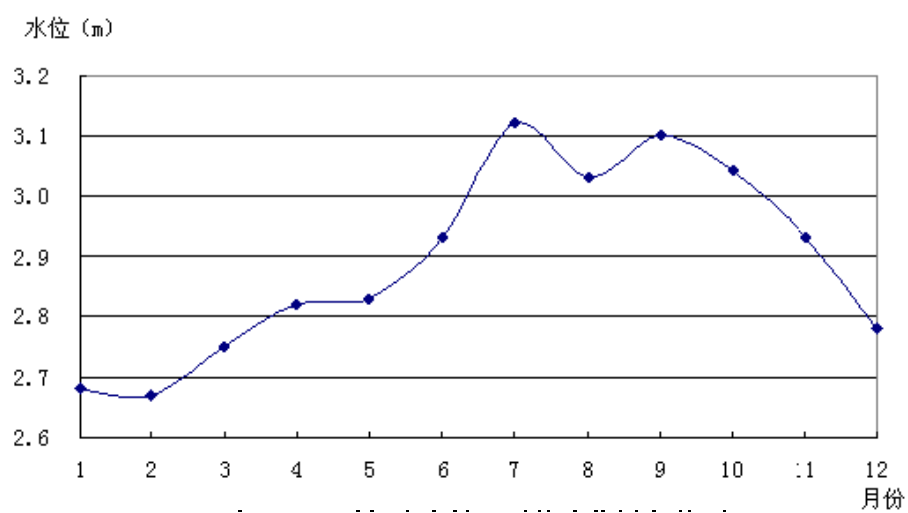
4.1.3

°C

°C

°C

4.1.4



4.1-3

4.1.5

[illegible]

4.2-2

--	--	--	--	--	--	--	--

4.2-5

4.2-6

4.2-7

--	--	--	--

4.2-8

			°C				

4.2-9

4.2.2

4.2.2.1

4.2-10

4.2.2.2

IV									

SS SL63-94

SL63-94

IV

4.2.3

4.2.3.1

4.2.3.2

4.2-12					

4.2.4

4.2.4.1

4.2-13

4.2.4.2

4.2-14 (mg/L pH)									
		I							
		II							
		III							
		IV							
		V							
		I	≤						
		II	≤						
		III	≤						
		IV	≤						
		V							

“ND”

4.2.5

4.2.5.1

1

4.2-16

2

4.2-17

mg/kg

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

4.2-17

mg/kg

[illegible]

[illegible]

$$P_i = \sum_{j=1}^m P_{ij}$$

$$=\sum_{=}\sum_{=}$$

4.3.2

4.3-3

$P_i = Q_i \ C_i$

P_i

C_i

Q_i

P_n

$P_n = \sum_{i=1}^j P_i$

$P = \sum_{n=1}^k P_n$

K_n

$K_n = P_n \ P \times$

5

5.1

5.1.1

5.1.2

5.1.2

5.1.3

[illegible]

[illegible]

5.1-4

5.1.4

5.2-3

		(mg/m ³)	(%)	(m)
1#				190
2#	VOCs			274
3#	VOCs			275

(2)

5.2-5

5.2-6

	≥
	≤

5.2.1.2

$$\frac{Q_c}{C_m} = - \frac{1}{A} \left(BL^C + \gamma \right) \cdot L^D$$

γ

π

5.2-7

		t/a	m ²	mg/m ³	m

5.2.1.4

$\leq$

5.2-8

5.2-9

							t/a
						µg/m ³	

5.2-10

+

		t/a

5.2-8

		☐	☐	☒	✓
		☐	☐	☐	✓
		≥ ☐	☐	☒	✓
				☐	✓
		✓	✓	✓	✓
		☐	✓	☐	☐

		≤		
			≤	
			≤	
			≤	
			√ √	
		√		
“ ” “ √ ”				

5.2.2

5.2.2.1

"9 cR¼0 ¶ <6× 3 ?L† ¢.ªÝ = ^ 3 (7 Ã+U4Ú5*N⁻-\$)â¹§ Û € œ´F7 ×0u µ

		+O 1"d } Ö 08\ "d O Ä / Äm ×R-2«4q!Æ O ÄÄm × Ä / Äm		
Lb "ë Ú í	)ß Ú í	""d 4*6Aî í £×"d · ý5CAî í ' ×+O 1#qGÿ LÌAî í ' ×j z ý ' × í ^ 0; Ú í ' × 5		
	-#{AÑ B		)ß³CXGÿ	"" \$Ä
		-#{é ?	{ Ø £×8 Ø £× -#{ ' }	{ Ø 5×8 Ø 5× -#{ ' }
		-#{&é }	Ä2 Ä	Ä2 Ä
	-#{ €	ÄpH Ä COD ÄSSÄQ K`G"- 7 Ä BOD <sub>5</sub> ÄX" Äk/ Ä#"é2« Ä #qGÿ Ä	ÄpH Ä COD ÄSSÄQ K`G"- - 7 Ä BOD ₅ Ä"X" Äk/' Ä .#"é2« Ä#qGÿ Ä	
"" (™ Ä n\$5 ...	5			
Aô '5 Aê		Ö £× = Ö '		
# Ö " "" j.F9N© È ¥×" Ä Ä" j µ é > ÉN© × " 7# " j >•u µ é Ä				

5.2.3 š)ß³ i ýÄô '

FJE÷) *AîN©- :UF OL\$ 4 Z š \$Ä))ß ³ i ý, 'N´#{ ÈÄô ' *AîN©- \$Ä) ~ \$

)ß³ i ý, '0; Ö ¼93 \$ È ® * ^ XL NÈ È j *N´Lb Ú í È Í ž Ä

5.2.3.1 š \$Äj

IN©- à î, ' k?± š \$Äj õ å?ñ>~ 5.2-13Ä

>~ 5.2-13 IN©- k?±Aî 7 š 4x>~

ć ,	Aî 7	Aî 7	1y x 4× dB ÄA Ä	D 0F ² + }5ž Äm Ä	"ë*6 Ú í	L} š x ì dB ÄA Ä
1	\$5 Aî 7	192	85	121	LÄ Ä *.p ýM7	•20dB(A)
2	8 Ø5 1,Aî 7	4	85	121	LÄ Ä *.p ýM7	•20dB(A)
3	=ê v T * j	6	85	126	LÄ Ä *.p ýM7	•20dB(A)
4	w FH	2	85	144	LÄ Ä *.p ýM7	•20dB(A)
5	6F9 j	1	85	118	LÄ Ä *.p ýM7	•20dB(A)
6	\$' É3+5	1	85	116	LÄ Ä *.p ýM7	•20dB(A)
7	~8 ØKÆ ð	1	85	105	LÄ Ä *.p ýM7	•20dB(A)
8	4ê MAî 7	192	85	118	LÄ Ä *.p ýM7	•20dB(A)
9	-O0ª&¹	5	85	105	LÄ Ä *.p ýM7	•20dB(A)
10	0ªB3 j4ô	3	80	110	LÄ Ä *.p ýM7	•20dB(A)
11	ØQ »\$5#G j	1	80	125	LÄ Ä *.p ýM7	•20dB(A)
12	Cµ # = 8 ?\$5 #G j	1	80	125	LÄ Ä *.p ýM7	•20dB(A)
13	Cµ # 6Š7- ?\$5 #G j	1	80	125	LÄ Ä *.p ýM7	•20dB(A)
14	% 8ßUC# j	1	80	125	LÄ Ä *.p ýM7	•20dB(A)
15	M%ª+e"é' 6/è>ð 5ž	2	85	156	LÄ Ä *.p ýM7	•20dB(A)

5.2.3.2

1

$$L_p(r) = L_w + D_c - A$$

$$A = A_{\text{div}} + A_{\text{atm}} + A_{\text{gr}} + A_{\text{bar}} + A_{\text{misc}}$$

*w**c* π Ω *div**atm**gr**bar**misc*

$$\frac{4L}{4\pi r^2} = \frac{L_{p2} - L_{p1}}{4\pi r^2} = \frac{Q}{4\pi r^2} + \frac{4}{R}$$

$$L_{p1} = L_{p2} + 10 \lg 6$$

*p2**p1*

$$\alpha \quad -\alpha \qquad \qquad \qquad \alpha$$

$$10\lg(\sum_{j=1}^N10^{0.1L_{eqj}})=10\lg(10^{0.1L_{eq1}}+10^{0.1L_{eq2}}+\cdots+10^{0.1L_{eqN}})$$

*p*_{1*i*}

*P*_{1*ij*}

$$L_{p2l}(T)=L_{p1l}(T)-(TL_l+6)$$

*p*_{2*i*}

i

$$L_{eqs}=10\lg(\frac{1}{T}\sum_{i=1}^Tt_i10^{0.1L_{di}})$$

eqg

*A*_{*i*}

$$L_{eq}=10\lg(10^{0.1L_{eqg}}+10^{0.1L_{eqb}})$$

eqg

eqb

$$L_p(r)=L_p(r_0)-20\lg(r/r_0)$$

p / *r*

p / *r*₀

$$L_p(r) = L_w - 20 \lg(r) - 11$$

$$L_A(r) = L_{Aw} - 20 \lg(r) - 11$$

$$L_p(r) = L_w - 20 \lg(r) - 8$$

$$L_A(r) = L_{Aw} - 20 \lg(r) - 8$$

2

5.2-14

5.2.3.3

5.2.3.4

[illegible]

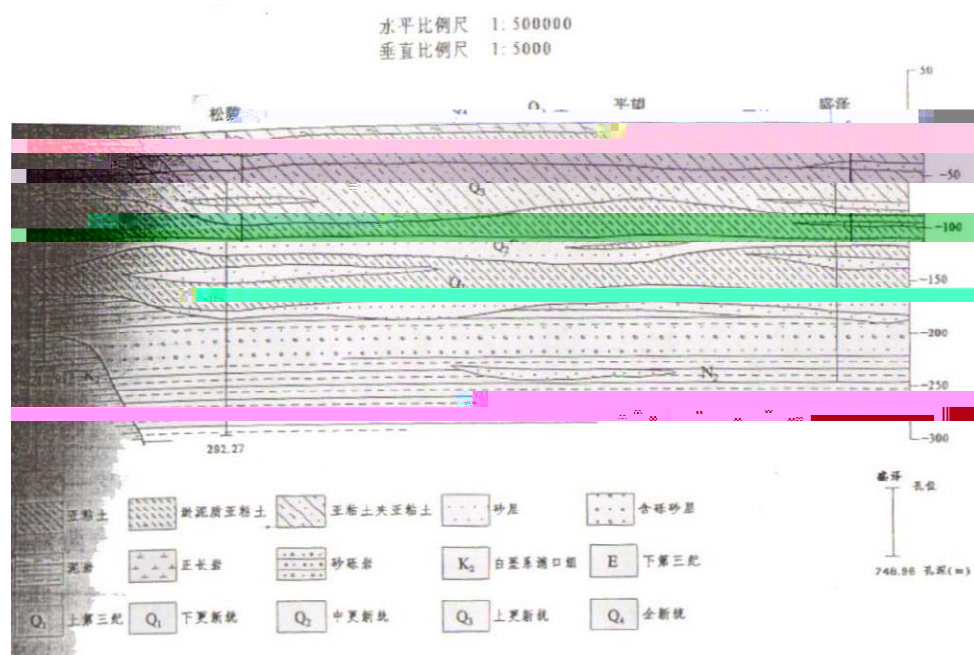
5.2.4.2

5.2.4.3

5.2.5

5.2.5.1

5.2.5.1.1



5.2-1

-

5.2.5.1.2

I II III

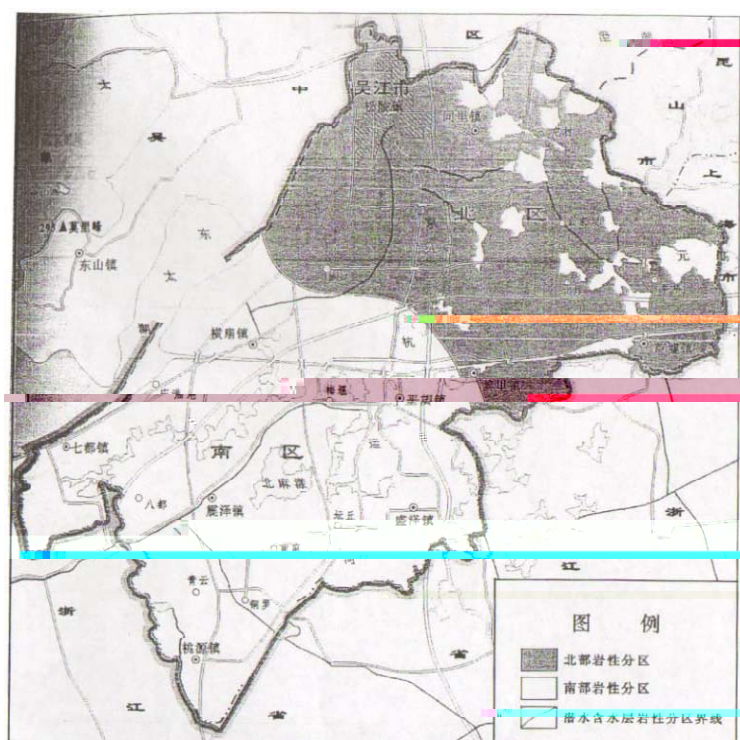
I

II

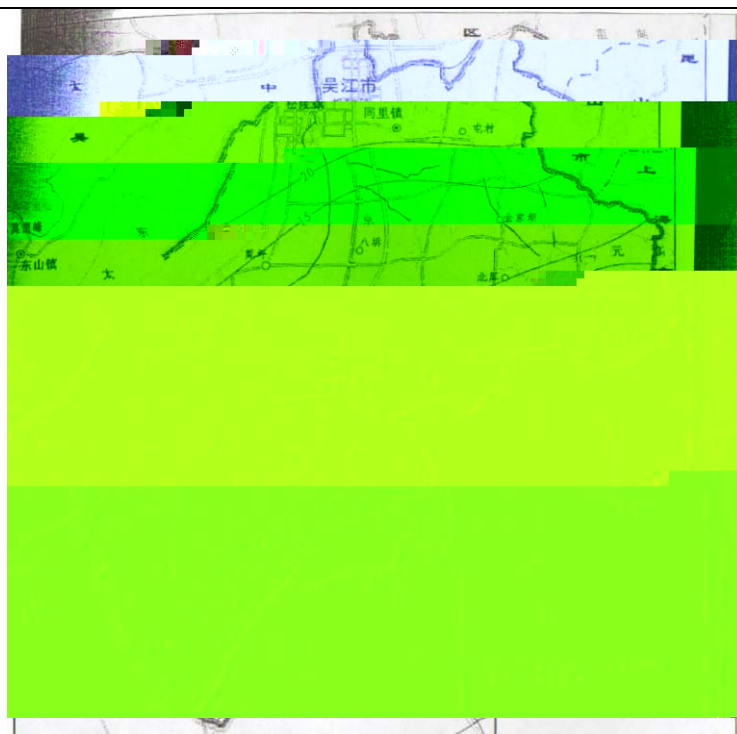
3

III

III



5.2-2



5.2-3

5.2.5.1.3

5.2.5.2

5.2.5.2.1

5.2.5.2.2

5.2.5.2.3

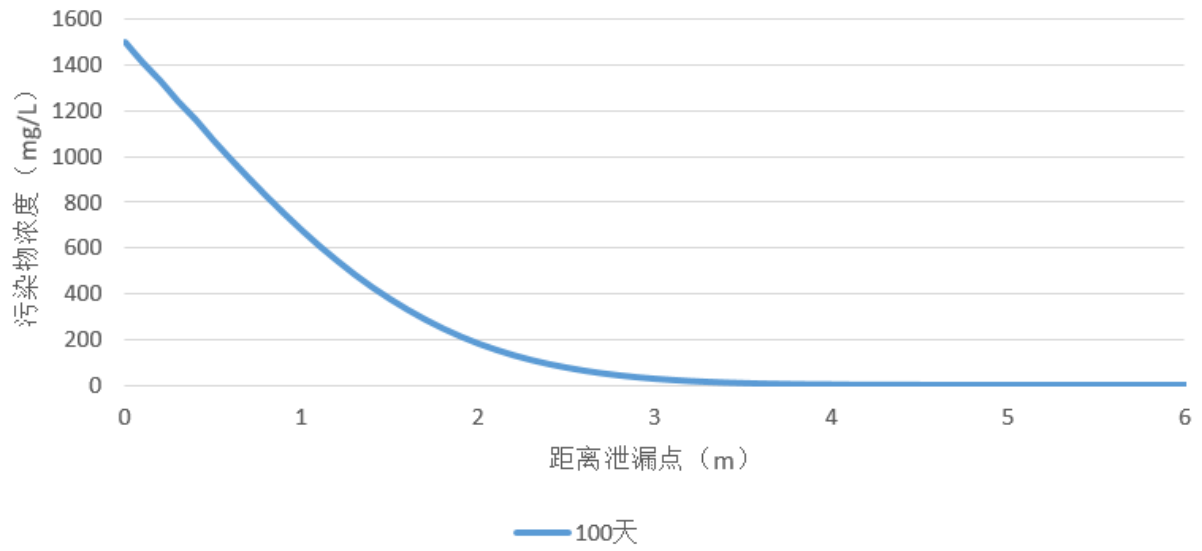
$$c = \frac{c_0}{2} \left[\operatorname{erfc} \left(\frac{x - ut}{2\sqrt{D_L t}} \right) - \operatorname{erfc} \left(\frac{x - u(t - t_0)}{2\sqrt{D_L (t - t_0)}} \right) \right]$$

α

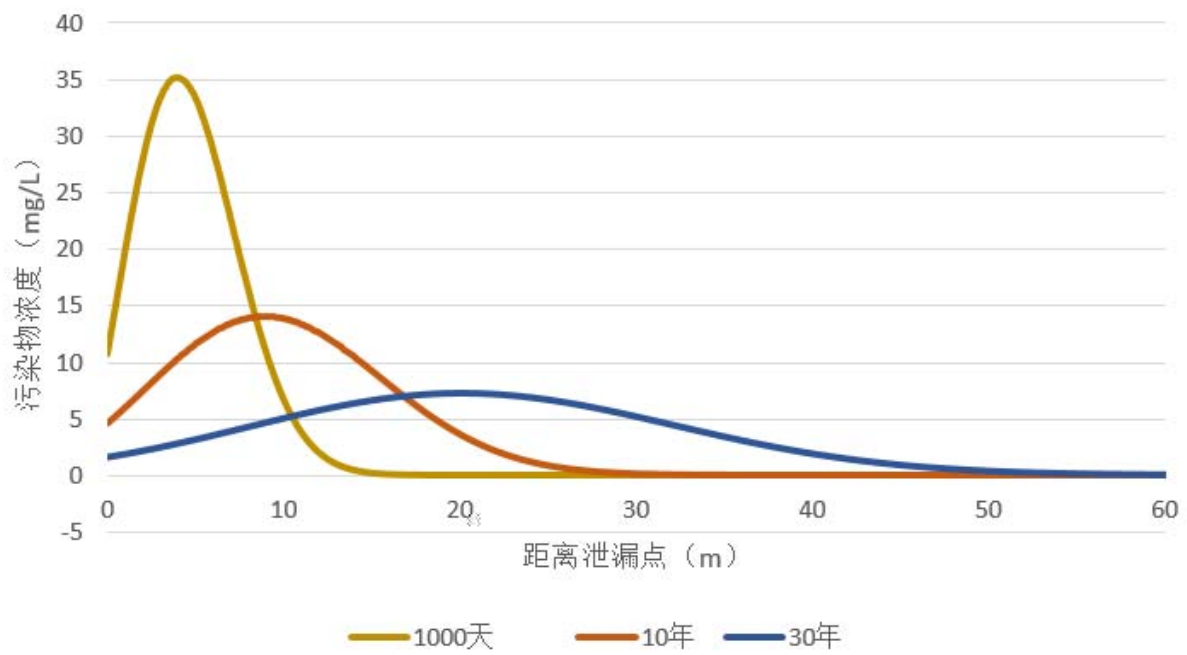
α

5.2-17

5.2.5.2.5



5.2-4 100



5.2-5

5.2-18

5.2.6

5.2.6.1

/

/

VOCs

5.2.6.2

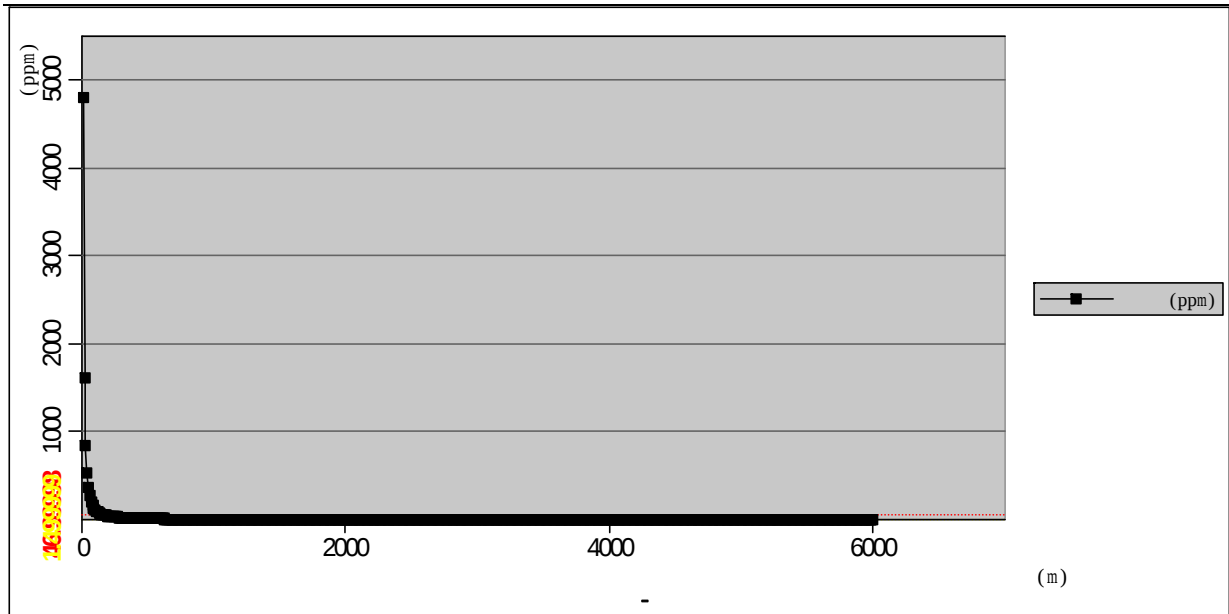
5.2.6.3

/

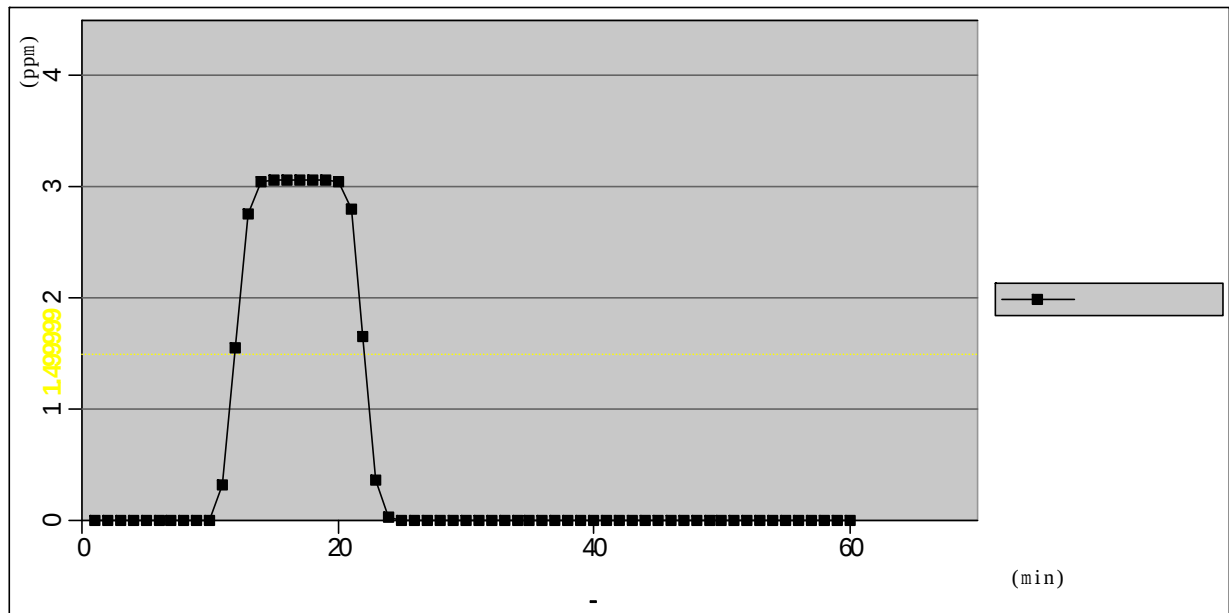
Q_L

$$Q_L = C_d A \rho \sqrt{\frac{2(P - P_o)}{\rho} + 2gh}$$

 Q_L P P_o ρ g h C_d A

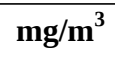


5.2-7

 mg/m^3 

5.2-8

 mg/m^3



5.2-20

[illegible]

5.2.6.5

5.2.6.6

5.2.7

5.2.7.1

5.2-21				
	Π			
“ Π ”				

5.2.7.2

5.2.7.3

5.2.7.4

5.2.7.5

5.2.7.6

$$\Delta S = n(I_s - L_s - R_s)/(\rho_b \times A \times D)$$

Δ —

—

—

—

ρ —

—

—

—

$$S = S_b + \Delta S$$

—

—

$$I_s = W_0 \cdot S \cdot V \cdot 3600 \cdot 24 \cdot 365 / 1000$$

—

—

—

—

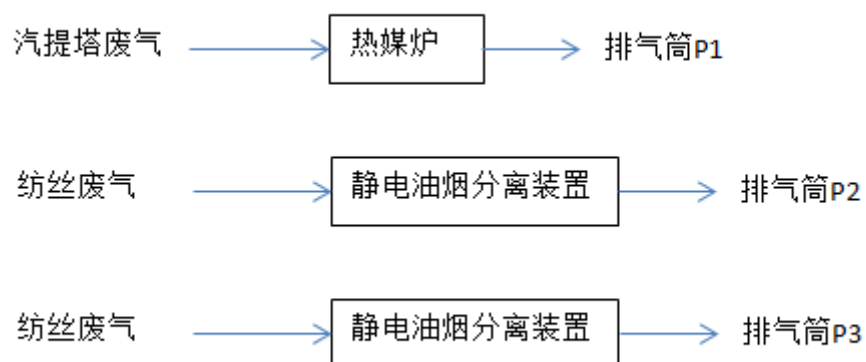
5.2.7.7**5.2-22**

5.2.8

6

6.1

6.1.1



6.1-1

“

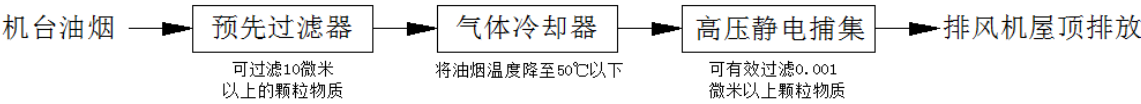
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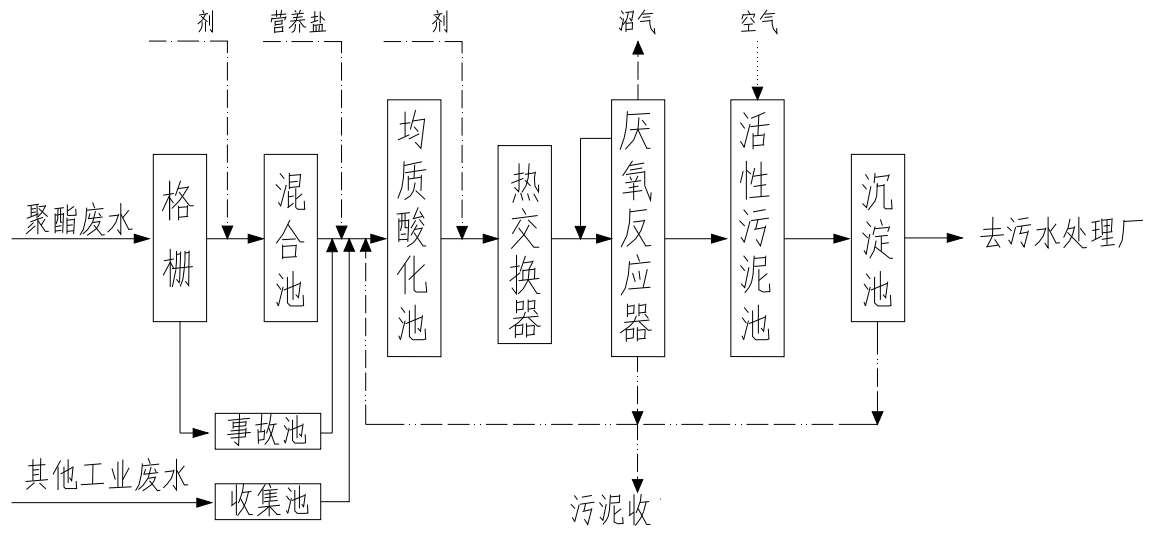
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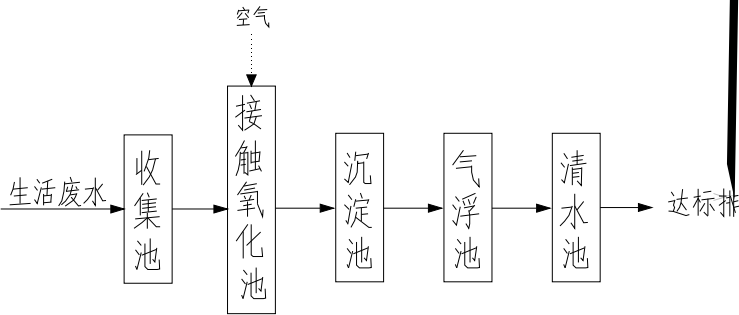


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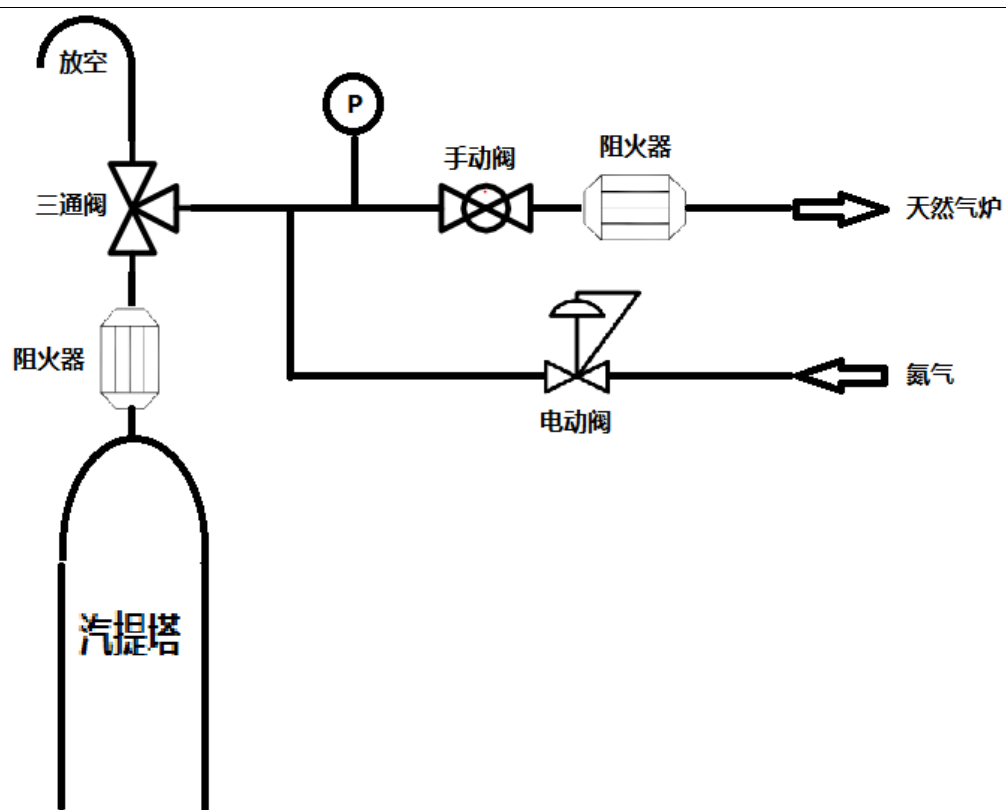
6.6.3

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6.6.7

6.6.8



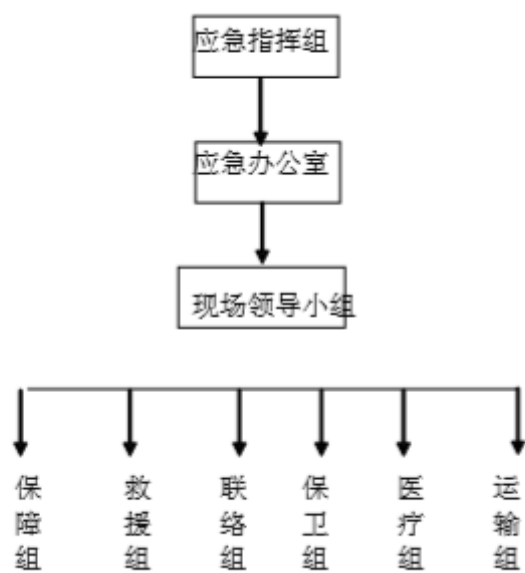
6.6-1

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