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[2015]4

	$\bar{w}$	N_0	H_U		1
1	$\uparrow$				1
	1.1	L			1
	1.2	$L_{\sqcup}$			1
	1.3				3
	1.4	$\mathfrak{b}$	$\mathcal{A}$	$\uparrow$	3
	1.5		r		4
	1.6	L	$\mathfrak{b}$	L	6
	1.7	$\check{0}$	$H_{\mathfrak{D}}$	N_0	6
2	$\%_0$	$\mathfrak{b}$		$\neq$	10
	2.1	$\circ$	$\mathfrak{z}$	H	10
	2.2	$\uparrow$		$'$	27
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	2.5			$\neq$	32
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7.1			86	
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8.1	đ H	G		89
8.2	G		90	
8.3		G		90
8.4	đ H	G		91
8.5	đ	G		92
8.6	′	G		92
8.7	G		92	
8.8	G		92	
9			93	
9.1			93	
9.2			94	
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10.1	?		97	
10.2	K		97	
11		ă ă ũ		98

Ƒ ′E_u ŭ HƳĐ

W̄ N₂ HƳ

1 ⇕

ŭ HƳĐ ′E_u Ƴ ă ˘ ŭ HƳĐ Ƴ ŭ
Đ HƳĐ L ˘ Ƴ ′E_u ă ˘
G Ƴ Ƴ L ˘ Â

1.1 L

G ê ˘ G Ƴ ŭ Ƴ HƳ Ƴ Ƴ β ŭ HƳĐ ˘
^ ~ Ĩ^ ŭ ò 2015Ô4_u ~ ˘ ˘ Ƴ Ƴ G Ƒ
′E_u ˘ ˘ ŭ ˘ Ƴ ŭ ă Ƴ 1 Ƴ HƳ ă
HƳ ă HƳ HƳ ŭ ˘ ˘
Ƴ ˘ L Ƒ HƳ Ƒ ′E_u ˘ ŭ HƳĐ
Â Ƴ ˘ ˘ ˘ HƳĐ ŭ Ƴ
Ĩ˘ L ′E_u Ƴ ŭ ŭ HƳĐ ŭ ˘ L HƳĐ
Ƴ ˘ ˘ ŭ HƳĐ Ƴ Â

1.2 L Ƴ

1.2.1 ă ă

^ 1~ ê T Ƴ ˘ ˘ G Ĩ˘
^ 2~ ê T Ƴ ˘ ˘ Ĩ˘
^ 3~ ê T Ƴ ˘ ˘ Ĩ˘
^ 4~ ê T Ƴ ˘ ˘ Ĩ˘
^ 5~ ê T Ƴ ˘ ˘ ŭ HƳĐ Ĩ˘
^ 6~ ê T Ƴ ˘ ˘ Ƴ ˘ Ĩ˘
^ 7~ ê T Ƴ ˘ ˘ Ĩ˘
^ 8~ ê Ƴ 1 Ƴ Ƴ ˘ Ĩ˘
^ 9~ ê Ƴ HƳ Ƴ Ƴ β ŭ HƳĐ ˘ ^ ~ Ĩ˘
^ 10~ ê ŭ HƳĐ Ĩ˘

$\mathbb{F}$ $\mathbb{E}_u$ $\check{u}$ $\mathbb{H} \mathfrak{D}$
 $\wedge$ $19^\sim$ $\hat{e}_1$ پس N_0 $\grave{a}$ $\vee$ η $\grave{\text{I}} \hat{A}$

$\mathbb{F}$ $\mathbb{E}_n$ $\check{U}$ H_D
 $\circ_3 \theta$ $\mathfrak{H}$ $\mathbb{M} \mathcal{Q} \mathfrak{L} \mathcal{H} \mathfrak{b}^\sim$ $\check{\mathfrak{t}}$ $\mathfrak{H} \grave{a}$ $\hat{A}$
 $\mathfrak{L} \mathcal{Q}$ $\sim$ N_2 $\sim$ $\mathfrak{H} N_2 \check{U}$ $F \mathfrak{z} \pi \mathcal{W}^\sim$
 $\mathfrak{a} \mathfrak{D}$ $\mathfrak{L} \check{U}$ H_D $\mathcal{A}$ Ψ $\mathfrak{J}$ $\hat{A} \circ_3$
 $\mathfrak{L} \theta$ $\mathfrak{z}$ $\check{U}$ $H_D \mathcal{X}$ $\mathcal{A} \int$ $\mathfrak{J} \gamma \check{U}$ $\hat{A}$
 $4 \grave{a}$ $\mathfrak{L} \mathfrak{L}^\beta$ $\mathcal{H}$
 β N_2 $\mathfrak{L}$ $\mathfrak{L}^\sim$ $\mathfrak{L} \mathfrak{L}^\beta$ $\mathcal{H} \check{U}$
 $\mathfrak{L} \mathcal{Q}^\beta$ $F \mathfrak{z} \pi \mathcal{W}^\sim$ $\mathfrak{K}^\sim$ $\int \acute{\mathfrak{t}}_r$ $\mathfrak{L}^\beta \mathcal{T}^\sim$ $\mathfrak{L}$
 $\mathfrak{H} \hat{A}$

1.5 r

$\mathbb{F}$ $\mathbb{E}_n$ $\check{U}$ H_D r $\mathcal{H}$
 $\sim$ $\hat{A} \check{U}$ $\mathcal{H}$ $\circ_3$ $\mathfrak{H}^\sim \mathfrak{L} \hat{e}$
 π $_1$ $\mathcal{H}$ N_2 $\check{U}$ H_D $\check{\mathfrak{t}}$ $\hat{A} \circ_3$
 r $1.5-1 \hat{A}$

$$\mathbb{F} \qquad \mathbb{E}_{\mathbb{F}} \qquad \mathbb{U} \qquad \mathbb{H}_{\mathbb{D}}$$

1.6 L b L

1.6.1 L

[illegible]

1.6.2 L

$$\begin{array}{l} \hat{1}^{\sim} \quad L_{\infty} \\ L \quad \grave{a} \quad L \quad L \quad \% \quad \grave{a} \quad \grave{a} \quad \Delta \quad \tau \quad \grave{a} \quad \eta \quad \vee \\ E \quad \grave{a} \quad F \quad \mathfrak{b} \quad \tau \quad \hat{A} \\ \hat{2}^{\sim} \quad \Omega \\ \hat{3}^{\sim} \quad \grave{a} \\ \hat{4}^{\sim} \quad \acute{k} \\ \tilde{\tau} \quad \% \quad \vee \quad \dot{\rho} \quad \prime_1 \quad 1^{\sim} \quad \mathfrak{b} \quad (\bar{w} \quad 1-2 \quad) \acute{k} \quad \vee \\ \vee \quad \mathfrak{b} \quad \vee \quad \mathfrak{z} \quad \hat{A} \quad L \quad \vee \quad \tilde{\tau} \quad \vee \quad G \\ : \quad F \quad = \quad \vee \quad \text{“} \quad \check{\mathfrak{U}} \text{”} H_{\mathfrak{D}} \quad H_{\mathfrak{U}} \quad \infty \quad F \quad \vee \quad F \quad \hat{A} \end{array}$$

1.7 $\ddot{U} \quad H \in N_0$

1.7.1 $\mathfrak{U}$ $\mathbb{H}$ $\mathbb{N}_0$

$$1 \ncong \wedge \sim \mathfrak{U} \quad \mathbb{H}_{\mathfrak{D}}$$
$$1n \quad \text{И} \ddot{\text{И}} \downarrow \quad \text{Ѕ} \quad \epsilon \quad 1n$$
$$\sim \quad \sim \quad \sim$$
 $\acute{k}$ $\acute{k}$

2 β ~ 3_ ж,з , ~

Δ ,

^ 7~ 9 ̇ ӱ Н_Д Â

2 ä ^ ñ ~ ӱ Н_Д

4 Н_Ӣ ↓ Н_ w ~ ч ӱ Н_Д'

^ 1~ 10_ ж,з 30_ җ Ӣ ` 50_ ж,з 100_ җ Ӣ

Т Н ,

^ 2~ ä _ 1' _ ж,з 5' _ җ Ӣ ,

^ 3~ 2000' "Н ж,з 1_ "Н җ Ӣ ,

^ 4~ җ " №ПД җ G _

, ,

^ 5~ ӱ Т 9 Т ,

^ 6~ Ñ ä ñ к ä , 2 β ~ 3_

җ Ӣ ` 10_ ж,з ä ,

~ Δ ,

^ 7~ җ 9 ӱ Н_Д Â

3 ä (ñ) ӱ Н_Д

4 Н_Ӣ ↓ Н_ w ~ ч ӱ Н_Д'

^ 1~ 3_ ж,з 10_ җ Ӣ ` 10_ ж,з 50_ җ Ӣ Т

Н ,

^ 2~ ä _ 5000_ ж,з 1' _ җ Ӣ ,

^ 3~ 500' "Н ж,з 2000' "Н җ Ӣ ,

^ 4~ G _ 0 | ,

^ 5~ 3 Т 9 Т ,

^ 6~ ñ к ä , 2 β ~ 10_ җ

Ӣ ä , Δ

,

^ 7~ җ җ 9 ӱ Н_Д Â

4 ä w ^ П ~ ӱ Н_Д

4 Н_Ӣ ↓ Н_ w ~ ч w ӱ Н_Д'

$$\mathbb{F} \qquad \mathbb{E}_{\mathfrak{u}} \qquad \mathfrak{U} \qquad \mathbb{H}_{\mathbb{D}}$$
$$\hat{1} \sim 3_{-} \gamma \check{Y} \quad 10_{-} \gamma \check{Y} \tau \quad \text{H} \quad ,$$
$$\hat{2}^{\sim} \quad \grave{a} \quad \text{ }^b \quad 5000 \text{ }_{-1} \quad \gamma \text{ } \grave{H} \text{ } ,$$
$$\hat{z} \sim 500, \quad \text{“H”} \rightarrow \text{“Y”},$$
$$\hat{4} \quad \text{ü} \quad \gamma \quad \sim \quad \bar{w} \quad \text{r} \quad \text{ف}$$
$$\begin{aligned} & \hat{\mathcal{S}}^{\sim} \cap \tilde{\mathcal{D}} \cap \tilde{\mathcal{A}} \cap \tilde{\mathcal{B}} \cap \tilde{\mathcal{C}} \cap \tilde{\mathcal{D}} \cap \tilde{\mathcal{E}} \cap \tilde{\mathcal{F}} \cap \tilde{\mathcal{G}} \cap \tilde{\mathcal{H}} \cap \tilde{\mathcal{I}} \cap \tilde{\mathcal{J}} \cap \tilde{\mathcal{K}} \cap \tilde{\mathcal{L}} \cap \tilde{\mathcal{M}} \cap \tilde{\mathcal{N}} \cap \tilde{\mathcal{O}} \cap \tilde{\mathcal{P}} \cap \tilde{\mathcal{Q}} \cap \tilde{\mathcal{R}} \cap \tilde{\mathcal{S}} \cap \tilde{\mathcal{T}} \cap \tilde{\mathcal{U}} \cap \tilde{\mathcal{V}} \cap \tilde{\mathcal{W}} \cap \tilde{\mathcal{X}} \cap \tilde{\mathcal{Y}} \cap \tilde{\mathcal{Z}} \\ & \cap \tilde{\mathcal{A}} \cap \tilde{\mathcal{B}} \cap \tilde{\mathcal{C}} \cap \tilde{\mathcal{D}} \cap \tilde{\mathcal{E}} \cap \tilde{\mathcal{F}} \cap \tilde{\mathcal{G}} \cap \tilde{\mathcal{H}} \cap \tilde{\mathcal{I}} \cap \tilde{\mathcal{J}} \cap \tilde{\mathcal{K}} \cap \tilde{\mathcal{L}} \cap \tilde{\mathcal{M}} \cap \tilde{\mathcal{N}} \cap \tilde{\mathcal{O}} \cap \tilde{\mathcal{P}} \cap \tilde{\mathcal{Q}} \cap \tilde{\mathcal{R}} \cap \tilde{\mathcal{S}} \cap \tilde{\mathcal{T}} \cap \tilde{\mathcal{U}} \cap \tilde{\mathcal{V}} \cap \tilde{\mathcal{W}} \cap \tilde{\mathcal{X}} \cap \tilde{\mathcal{Y}} \cap \tilde{\mathcal{Z}} \\ & \cap \tilde{\mathcal{A}} \cap \tilde{\mathcal{B}} \cap \tilde{\mathcal{C}} \cap \tilde{\mathcal{D}} \cap \tilde{\mathcal{E}} \cap \tilde{\mathcal{F}} \cap \tilde{\mathcal{G}} \cap \tilde{\mathcal{H}} \cap \tilde{\mathcal{I}} \cap \tilde{\mathcal{J}} \cap \tilde{\mathcal{K}} \cap \tilde{\mathcal{L}} \cap \tilde{\mathcal{M}} \cap \tilde{\mathcal{N}} \cap \tilde{\mathcal{O}} \cap \tilde{\mathcal{P}} \cap \tilde{\mathcal{Q}} \cap \tilde{\mathcal{R}} \cap \tilde{\mathcal{S}} \cap \tilde{\mathcal{T}} \cap \tilde{\mathcal{U}} \cap \tilde{\mathcal{V}} \cap \tilde{\mathcal{W}} \cap \tilde{\mathcal{X}} \cap \tilde{\mathcal{Y}} \cap \tilde{\mathcal{Z}} \end{aligned}$$
$$\hat{6} \sim \bar{w} \quad \text{ف} \quad | \quad \text{ؤ} \quad \text{H}_D \neq \hat{A}$$
$$\frac{\gamma}{\Gamma} \approx \frac{N_0}{N_{\text{tot}}} \approx \frac{\%}{100} \approx \frac{T}{T_{\text{tot}}} \approx \frac{P}{P_{\text{tot}}} \approx \frac{A}{A_{\text{tot}}}$$

1.7.2 'E_r' ũ H_g D N₂

$$\begin{array}{ccccccc} \tilde{\imath} & \textcircled{\scriptsize\text{f}} & \sim & E_{\alpha} & \neg & \tilde{\imath} & \tilde{\imath} \\ & & & & & & H_D \sim G & \tilde{\imath} & H_D N_0 \\ & \wedge & n & \sim & \tilde{\imath} & H_D & \neq & \hat{A} & \tilde{\imath} H_D H' & \grave{a} & \sim & Q \\ & & & & & & & & & & & \\ & & & E_{\alpha} & & \sim & & E_{\alpha} & \neg & \tilde{\imath} & \tilde{\imath} & H_D N_0 & \textcircled{\scriptsize\text{f}} & \hat{A} N_0 & \Psi \\ \grave{a} \circ z & \grave{a} & & \hat{A} \circ z & \tilde{\imath} & & H_D N_0 & \check{Y}' & & & & & & & \\ & & \tilde{\imath} & H_D & \neg & \sim & \neg & \tilde{\imath} & & \tilde{\imath} & H_D & & N_0 & \sim & \acute{\imath}_r \\ N_0 & & & 1.7-1\hat{A} & & & & & & & & & & & \end{array}$$

1.7-1				
≠	9	7	Ů	Ů H D

$$H_{\mathcal{D}}^{\hat{\mathfrak{U}}}(\Psi^n, \hat{A})$$

2.2 1 ,

2.2.1 β

π β G π ^ κ 116°23′ 117°02′ π 33°16′ 34°14′ H ~ ~ Ъ
 à κ à ґ ~ —H Т ~ 1 Т Â
 Q π ũ ґ κ 1 ж η ũ 1 ~ سڭ ~ ũ 1 ~
 β ґ N₀ Â
 o з β G ^ π ~ 1 H ~ ĭ_r β 1 Â

2.2.2

π π 1 w̄ N₀ 1 κ à ж d H σ ~
 ĭ_φ ґ 1 ~ 1 w̄ ґ 22.5 32.5m Â џ π 1 κ 1 w̄ ~ ґ' N₀
 H w̄ 1 w̄ 220m Â
 π Т ґ 1 1 ~ 1 ρ à
 N₀ ґ' ĭ_φ ґ ~ γ ж 1 η 4.7% Â 1 1 Δ
 1 1 ~ ґ Δ ~ □ Â
 1 1 џ à 1 ~ 1 ~ π 1 κ 1 w̄
 27.7~28.2m џ ~ 1 ρ Â 1 1 ~
 ~ 1 ρ 1 Â
 o з 1 ґ π 1 ~ 1 N₀ 1 π
 1 Â 1 Т N₀ Б G H Й Ë Ф Â
 ~ 1 Й ; N₀ ≠ ґ à Т ' à 1
 ' H₀ à Й à ; ~ ґ ' ; ; ~
 à η Â

2.2.3 à

π ρ H 7/8 N₀ ґ à à à à 5
 6 ~ 9 6 ~ à 17 6 à 47 6 ~ ~ 1 N₀
 Â
 E_u 1 ä H ä ä ä ä ä ä ä ~
 ä ä ' Ъ ä ä ä ä ä ä

[illegible]

2.2.4 $\bar{R}_\cdot$ à

[illegible]

2.2.5

$\hat{1}$
 π ρ N_0 π $\hat{\pi}$ $\frac{7}{8}\gamma$ $\hat{\pi}$ $\hat{\pi}$ $\hat{\pi}$
 $\mathfrak{M}$ $\mathfrak{M}^p$ N_0 $\bar{w}$ γ $\hat{\pi}$ $\mathfrak{E}$ γ $\hat{\pi}$ $\hat{\pi}$
 $\hat{\pi}$ $\mathfrak{T}$ $\mathfrak{Y}$ $\hat{A}$ π $\mathfrak{Y}$ $493.5m3/a$ $\mathfrak{E}$
 $1/2$ η $1/4$ $\hat{A}$
 π $\mathfrak{H}$ $\hat{\pi}$ $\hat{\pi}$ $\hat{\pi}$ $\hat{\pi}$ $\hat{\pi}$ $\hat{\pi}$ $\hat{\pi}$
 $\hat{\pi}$ $\hat{A}$
 γ $22'$ γ 6 γ $8415.2'$ $m6\hat{A}$
 $\mathfrak{E}_n$ $\sim$ $\mathfrak{X}$ $\sim$ $\hat{A}$ γ
 $\mathfrak{I}$ κ $\mathfrak{I}$ $\mathfrak{X}$ $\sim$ $\mathfrak{I}$ $\mathfrak{I}$ ρ $\mathfrak{X}$ $4.7km$ $\mathfrak{X}$
 $\mathfrak{X}$ $5.3km$ $25km^2$ $3.2km$ $44km^2$
 γ $4.7km$ $51km^2$ $\sim$ $\sim$ $0.9km$ $51km^2\hat{A}$
 $25m\hat{\pi}$ $5m\hat{A}\mathfrak{H}$ $\mathfrak{Y}$ $\mathfrak{U}$ $\mathfrak{Z}$ $\mathfrak{U}$ $\mathfrak{U}$ $\mathfrak{U}$ $\mathfrak{U}$ $\hat{A}$
 $\sim$ $3M$ G $\hat{A}$
 $\sim$ $\mathfrak{Z}$ π γ $\sim$ $\mathfrak{U}$ G γ
 $\mathfrak{I}$ $\sim$ $\hat{\pi}$ $\hat{\pi}$ $\hat{\pi}$ $\hat{\pi}$ $\mathfrak{I}$ $\mathfrak{X}$ $\mathfrak{S}$

2.3 0 3 ħ 0 r ’

2.3-1 0 3 ħ 0 r W

	Г	G	G ρ	’ Г	Г β	Г /m
	Q		25 /80 _н	ê % Ÿ GB3095- 2012~ Т Н Г	NNW	3017
			30 /120 _н		NNW	2448
	↔		50 /180 _н		NNW	2420
	⊥		40 /180 _н		NNW	2474
	↔		45 /160 _н		NNW	1634
			20 /70 _н		NNW	1485
			80 /400 _н		NNW	1242
	⊥		30 /105 _н		N	1989
			73 /295 _н		NNE	2566
			113 /395 _н		NNE	2033
	^ Ÿ ~		40 /147 _н		W	1975
	^ Ÿ ~		30 /110 _н		W	1375
	^ Ÿ ~		40 /174 _н		W	1405
	Г ^ Ÿ ~		87 /304 _н		W	961
	Q ^ Ÿ ~		40 /140 _н		W	2171
	^ Ÿ ~		80 /280 _н		SSW	2034
	Ÿ Ÿ ^ Ÿ ~		124 /434 _н		SSW	1053
	^ Ÿ ~		35 /127 _н		SSW	1970
	l		45 /157 _н		S	2206

			125 /270 _м		SSE	2410
			20 /70 _м		SSE	2519
			82 /287 _м		SSE	2438
	_м		10000 _м		NE	4700
	о з 1000м р о з					
	_м E _м	_м	100 _м	ê % Ĩ^ GB3095- 2012~ Т Н ґ	W	490m
	_м E _м	_м	150 _м	ê % Ĩ^ GB3095- 2012~ Т Н ґ	W	850m
		/		ê % Ĩ^ GB3838- 2002~ Т Д %	N	8130
		/		ê % Ĩ^ GB3838- 2002~ Т Д %	N	930
		/		ê % Ĩ^ GB3838- 2002~ Т Д %	W	210
Й	/			ê Й % Ĩ^ GB/T14848- 2017~ III %	/	

U

T

2.4-1

		h	q	
		COD ă	ă	ă LAS
		COD ă	ă	ă
			LAS	
		COD ă	SS ă	

$$\mathbb{F} \qquad \mathbb{E}_{\mathbb{H}} \qquad \mathbb{U} \qquad \mathbb{H}_{\mathbb{D}}$$

$\tilde{\phi}$	$\frac{0}{\Delta} \approx \frac{\tilde{\phi}}{\Delta}$
N_2	$\frac{1}{N_2} \approx \frac{1}{N_2}$
H	H
L_{50}	$L_{50} = 78 \text{ mg/kg}$ ($\sim 27 \text{ mg/kg}$)' 148 mg/kg ($\sim 63 \text{ mg/kg}$) LC50 = 333ppm ($\sim 4 \text{ h}$)
H	$L_{50} = 11.8 \text{ mg/L}$ ($\sim 48 \text{ h}$)' 2.6 mg/L ($\sim 30 \text{ d}$)' 10.1 mg/L ($\sim 96 \text{ h}$)' 13 mg/L ($\sim 24 \text{ h}$)' 7.6 mg/L ($\sim 48 \text{ h}$)
η	$28 \text{ d } 0\%$ (~ 1)' OECD301C' $28 \text{ d } 14.7\%$ (~ 1)
$\tilde{\phi}$	$\tilde{\phi} = h^{\wedge} \cdot nm^{-1} \cdot 203'$ $\bar{w}$ $h^{\wedge} \cdot 1.06$ $107'$ $T \tilde{\phi}_1 \cdot h^{\wedge} \cdot 13.4' \cdot 189$
	T 48 h BCF ≈ 48
T	KOC y $\approx \frac{1}{T}$ $\hat{y}$

پس 1 اے و							
1 پس 2	,			2	Ammonia water		
Ne	NH ₃ H ₂ O	Ne	35.06	CAS	1336-21-6		NH ₃ ¥ H ₂ O

[illegible]

h ~	~ h ÂG o h Â o h ~ Â o h à Á
	~ i ~ u 15minÂ ~
~	N ₂ ~ u 5' 10minÂ ~
	Y B Â Â ~
à	
¶	à à
≠ ¶	F ~ F r ~ ¶ Â
Hv	~ ð ¶ à ð o h Â ¶ L
ü	Â ∞ G ~ N Â
J à	
b z ~ à	~ J ~ % h ~ ~ ~ ~ ~ ä ~ U ~ ¶ Â ~ ~ ~ o h ~ ~ ~ ~ Â ~

[illegible]

3						
	T Q 3			Q methacrylic acid		
	No C ₄ H ₆ O ₂		No 86.09	CAS- 79 41 4		
	Q - 81618					
1	E A					
	G ä ð ä ð Q A					
	N~ 15		N~ 161		1~ 1.01	
	x N~		x J H MPa~		1~	
	KJ/mol~		mJ~		J~ kPa~ 1.33 ^ 60.6N~	
Q	Q		No ~ w i ä H i A			
	N~ 68		Iu/Q Iu			
	Ï ^ ~					
	::: ^ ~		ö ø ä° A			
	N~ 400		i q ä ä A			
	Q i b q Iu A ä A b i q ü i A q ü Iu i ü F v H A					
	' N ~ F r a i b Iu ~ :: T A G ä ä ä H i A ~ A q'					
	LD50 1600mg/kg			500mg/kg ? ~		
h ~ ä ~ ä h A						
H A q H T H A q i A T ~ q r Q ä ä A ö						

	Q' Sodium hydroxide' Caustic soda' Sodium hydrate				UN -n ' 1823	
	№ ' NaOH		№ ' 40.01		CAS-n ' 1310-73-2	
1	б	б r ~ Â				
	^ N~	318.4	(=1)		2.12	(=1) /
	^ N~	1390	^ kPa~			0.13/39N
		с ä Æ ä ~ б с з Â				

$$\mathbb{F} \qquad \mathbb{E}_n \qquad \check{0} \qquad \mathbb{H} \mathfrak{D}$$

	$\eta \neq$	
		$\mathfrak{r}, \qquad , \qquad \mathcal{E} \qquad \mathcal{E} \hat{A}$

1

[illegible]

H	[T Q] ʹ ʹ H		[CAS_ ʹ] 27176-87-0		
	[Q] ʹ LINEAR ALKYL BENZENE SULFONIC ACID		[No ʹ] ʹ C18H3003S		
	[No ʹ] 326.49	[RTECS_ ʹ]		[UN _ ʹ]	
	[/ _ ʹ]	[IMDG ‡ ʹ]			
	[b ʹ] ʹ r			[/ ≠ ʹ]	
	[/ . ʹ]		[≠ ʹ]	[ʹ] ʹ g ~	
1	[x (N)]ʹ		[x J F (MPa)]ʹ		[~ J (kPa)]ʹ
	[(kj/mol)]ʹ		[(N)]ʹ 10N		[(N)]ʹ 315N
	[(N)]ʹ 210		[ʹ] 1.2		
	(N)ʹ 310		[Й (V%)]ʹ		[☼ (V%)] ʹ
Q	[/ ʹ] ʹ r				
	[ʹ] ʹ 7 Â			[H / ʹ] ʹ b F	
	[ʹ]				
	Q Ne ° ʹ w 1 ~ H 1 ~ H 1 1 Â			[ʹ] ʹ H b 1 7 ä ä 1 س	
	[ʹ] ʹ ä ä H 1 Â				
~ / b	[ã / ʹ] ʹ ã 9 Â				
	[~ ʹ] ʹ h ~ ~ h Â				
	[ʹ] ʹ i ~ l Â				
	[ʹ] ʹ i ~ Â ~ Â G F G Â				
	G 7 ~ b 7 ~ G r ~ Â				
	[h ~ ʹ] ʹ / 7 ^ Â i ö ~ / [Â o h ~ Â				
[~ ʹ] ʹ b Y B Â / 7 ^ Â					
Ü b	[Ü H ʹ] ʹ F ö . ä ~ T G b ä b p ä b ä b Â H b 1 7 ä ä 1 س Â ä ~ ` ‡ b i س Â ~ ß 7 ä J ~ b ä ä ß Â E Â				

	$\mathbb{F}$	$\mathbb{E}_n$	$\check{U}$	H_D
	$ \begin{aligned} & [\quad] \mathfrak{a}_\quad \mathfrak{a}_\quad \check{\quad} \mathbb{F} / \quad \quad \mathfrak{h} \quad \mathbb{F} \quad \mathfrak{H} \quad \hat{\quad} \quad \check{\quad} \quad \sim \quad \\ & \mathfrak{b} \quad \quad \mathfrak{i} \quad \mathfrak{U} \quad \sim \quad \hat{A} \quad \mathbb{F} : \quad \mathfrak{b} \quad \check{\quad} \quad , \quad \mathfrak{h} \quad \quad \bar{w} \in \mathbb{H} \\ & \hat{A} \quad \mathbb{F} : \quad \quad \mathfrak{r} \hat{A} \quad \quad \hat{A} \mathfrak{h} \quad \check{\quad} \quad \check{a} \quad \check{\mathfrak{i}} \quad \mathfrak{b} \quad \hat{A} \mathfrak{b} \\ & \hat{A} \mathfrak{b} \quad \mathbb{F} \quad \hat{A} \neq \quad \quad \hat{A} \quad \sim \check{\mathfrak{H}} \quad , \quad \check{\mathfrak{H}} \quad ; \\ & \hat{A} \quad \quad \hat{A} \quad \mathfrak{M} \quad \hat{A} \end{aligned} $			

2.6 $\circ \mathfrak{z} \quad \check{U} \quad H_D$

$\mathbb{F} \quad \mathbb{E}_n \quad \check{U} \quad H_D \quad \mathfrak{C}' \quad [\quad - \quad ^\wedge \quad Q3-$
 $M2-E2^\sim + \quad - \quad ^\wedge \quad Q3-M2-E3^\sim \quad] \hat{A}$

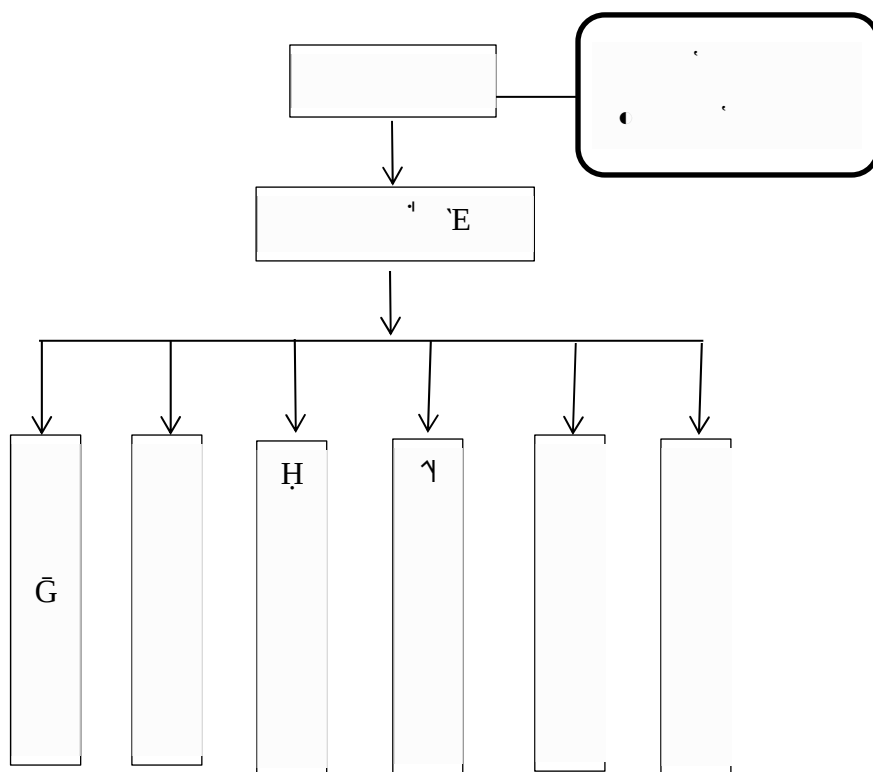
3 $\mathbf{\Psi}$

3.1 $\mathbf{r}$

$\mathfrak{U} \mathfrak{U} \mathfrak{Y} \tilde{\mathfrak{Q}} \mathfrak{Y} \mathfrak{Y} \mathfrak{U} \mathfrak{D} \mathfrak{G} \mathfrak{a}$
 $\% \mathfrak{a} \mathfrak{U} \mathfrak{D} \mathfrak{U} \mathfrak{E}_{\mathfrak{u}} \mathfrak{U} \mathfrak{F} \mathfrak{z} \mathfrak{a} \mathfrak{i}$
 $\mathfrak{D} \mathfrak{b} \mathfrak{A}$
 $\mathfrak{T} \mathfrak{w} \mathfrak{H} \mathfrak{D} \mathfrak{a} \mathfrak{b} \mathfrak{Y}$
 $\mathfrak{L} \mathfrak{A} \mathfrak{H} \mathfrak{D} \mathfrak{U} \mathfrak{i} \mathfrak{Y} \mathfrak{A} \mathfrak{=} \mathfrak{o}$
 $\mathfrak{D} \mathfrak{X} \mathfrak{N} \mathfrak{A} \mathfrak{T} \mathfrak{H} \mathfrak{Y} \mathfrak{i}$
 $\mathfrak{i} \mathfrak{P} \mathfrak{Y} \mathfrak{D} \mathfrak{H} \mathfrak{D}$

3.2 $\mathbf{\Psi}$

$\mathfrak{F} \mathfrak{E}_{\mathfrak{u}} \mathfrak{U} \mathfrak{U} \mathfrak{H} \mathfrak{D} \mathfrak{Y} \mathfrak{Y}$
 $\mathfrak{K} \mathfrak{T} \mathfrak{K} \mathfrak{h} \mathfrak{K}$
 $\mathfrak{D} \mathfrak{A} \mathfrak{r} \mathfrak{3.2-1} \mathfrak{A}$
 $\mathfrak{r} \mathfrak{3.2-1} \mathfrak{A}$



				$\mathfrak{b} \neq \hat{A}$
γ			17356166505	$\hat{w} \quad \check{u} \quad H_{\mathfrak{D}} \quad \check{u} \quad \mathcal{Z} \sim \quad A \quad \gamma \quad \%_0 \quad \sim \quad H^b \quad \cdot^b \quad \mathbb{F} \mathcal{Z} \sim \quad H^b \quad H \quad \sim$
	$\mathfrak{p}$	$\check{\mathfrak{t}} \quad \check{\mathfrak{t}}$	17364301921	$\check{u} \quad \mathfrak{D} \quad \hat{Y} \quad \mathfrak{U} \quad \gamma \quad H^b \quad \cdot \quad \mathfrak{M} \quad \wedge \quad F \quad \mathfrak{z} \quad \gamma \quad \cdot^b \quad \gamma \quad \mathfrak{b} \sim$ $\mathfrak{M} \quad \wedge \quad H^b \quad \check{a} \quad \delta \quad \hat{A}$
			15705303067	$\hat{w} \quad \check{u} \quad H_{\mathfrak{D}} \quad \mathbb{F} \quad \mathfrak{U} \quad \sim \quad \mathfrak{q} \quad \mathfrak{b} \quad \cdot^L \quad \mathfrak{c}$
	$\mathfrak{p}$	$\check{u}$	18055483170 15655160475	$\hat{A}$

$\circ \mathfrak{z} \quad \mathfrak{z} \quad \hat{=}$ $\text{'E} \quad \grave{\text{a}}$ $\grave{\text{a}}$
 $\bar{\text{G}} \quad \grave{\text{a}} \text{H} \quad \grave{\text{a}}$ $\grave{\text{a}} \text{Y}$ $\sim \hat{\text{A}}^+$ $\breve{\text{U}}$ $\text{H} \mathfrak{D}$
 $\equiv \quad \breve{\text{U}}^+$ $\equiv \quad \mathfrak{z}^-$ $\breve{\text{U}}$ $\hat{\text{A}}$ $\bar{\text{w}}$ $\mathfrak{b}$
 $\grave{\text{a}}$ $\grave{\text{a}} \text{H} \text{N}_0$ $\mathfrak{D}$ $\breve{\text{U}}$ $\text{H} \mathfrak{D}$ $\equiv \quad \bar{\text{G}}$
 $\breve{\text{U}}$ $\text{H} \mathfrak{D} \breve{\text{U}}$ Σ $\breve{\text{I}} \mathfrak{b}$ $\grave{\text{a}} \quad \eta \bar{\text{G}} \text{M} \quad \grave{\text{a}} \text{H} \quad \text{D}$
 $\mathfrak{b} \hat{\text{A}} \dot{\rho} \quad \mathfrak{D}$ $\text{u} \quad \text{M} \quad \text{L}$ ‰ $\breve{\text{U}}$ $\breve{\text{I}}$ $\breve{\text{U}}$ H
 $\mathfrak{D}$ $\breve{\text{U}}$ $\text{H} \hat{\text{A}}$
 $\breve{\text{U}}$ $\circ \mathfrak{z} \quad \text{Y}$ $\breve{\text{U}}$ $\text{H} \mathfrak{D} \text{N}_0$ $\breve{\text{U}}$ $\circ \mathfrak{z}$ $\mathfrak{z}$
 $\breve{\text{U}}$ $\text{p} \mathfrak{b} \quad \text{Y}$ $\circ \mathfrak{z} \quad \breve{\text{U}}$ $\text{H} \mathfrak{D}$ $\hat{\text{A}}$
 $\circ \mathfrak{z} \quad \breve{\text{U}}$ $\text{H} \mathfrak{D}$ $\breve{\text{U}}$ π '
 $\circ \mathfrak{z} \quad \breve{\text{U}}$ r $\breve{\text{U}}$ $\int$ π
 T $\text{F} \mathfrak{z}$ $\text{Y} \beta \text{M} \quad \wedge$ $\mathfrak{b} \hat{\text{A}}$
 $\circ \mathfrak{z} \quad \breve{\text{U}}$ $\text{H} \mathfrak{D} \breve{\text{U}}$ r u $\breve{\text{U}}$ $\bar{\text{G}} \text{M}$ $\mathfrak{b} \quad \breve{\text{U}}$
 $\int \text{'E}$ $\text{M} \quad \wedge$ $\breve{\text{U}}$ $\breve{\text{U}}$ r u $\sim \text{H}$ $\breve{\text{U}}$ $\text{Y} \hat{\text{A}}$
 $\breve{\text{U}}$ r u $0 \quad \text{H} \quad \grave{\text{a}} \text{T}$ ' $\circ \mathfrak{z}$ Y $\wedge$ π r Y
 $\sim \quad \text{Y}$ r $\hat{\text{A}} \text{'}$ r $3.3-1 \hat{\text{A}}$

3.3-1 Å

49

π	0561-7889761
√	0561-7071690
π γ	0561-4986120
γ	0561-7012577
й	0561-7519001 13909613893
	0561-7519002 13305612168
л	0561-6075019
π Т	0561-3024838
^ π ~ 1 IУ б Ψ	0561-3228007
^ π ~ 1 IУ №	0561-7952019
- E _н	13962045957
π E _н	13770346779
π Ѡ E _н	13851196977

3.4 о з ў һ д б ў х о з

3.4.1 б х о з ў һ д

3.4.1.1 ў һ д

ў һ ~ E_н Ң Й ґ Һ
 б х о з б~ ў һ ў ' Ү х о з ~ х
 о з ў р р Е ~ А о з а
 ґ ў ~ '

3.4.1.2 № ґ

1 à w һ д' һ X~ Һ Ү х о з
 ' ~ х о з ґ Â
 2 à ў ґ,ґ һ д' | һ X~ ў Й
 ґ Һ Ү х о з һ ' ~ Һ ў а ~
 ' х о з | X ~ б ~ Е о з Һ
 ~ А о з ў х а б~ Һ ~

$\Omega_{\mathbb{Q}}$	μ	ν	Ω	ν	$\dot{\mathbf{i}}_{\mathbf{r}}$	$\mathfrak{b}^{\sim} \mathfrak{b}$
$\check{\mathfrak{u}}$	$\mathcal{H}$	$\circ \mathfrak{z} \mathfrak{p}$	Ω	$\mathfrak{z} \mathfrak{Q}$	$\check{\mathfrak{u}}$	$\mathcal{H} \mathfrak{D} \hat{A}$
	$\mathcal{H}$	$\check{\mathfrak{u}} \bar{\mathfrak{w}}$	$\check{\mathfrak{a}} \check{\mathfrak{u}}$	$\check{\mathfrak{w}}^{\sim}$	$\mathcal{H}$	$\Psi \mathfrak{b}$

3.4.2.3 $\tilde{G}$

$\wedge^1 \sim \Gamma^\beta \varepsilon_{\hat{\alpha} \Gamma}{}^\gamma E_\mu{}^\nu \chi_{\circ 3} \quad \mathfrak{z} \quad \varepsilon_{\hat{\alpha}}{}^\gamma{}_\nu$

$H \quad \check{\mathfrak{U}} \quad X^\sim \quad \varepsilon \quad \hat{A}$

$\wedge^2 \sim E^\sim \quad \hat{\alpha} \vdash \quad \circ 3 \quad \neg \gamma \quad \grave{a} \quad \Psi \grave{a} \neg \quad \grave{a} E \quad \grave{a}$

$' \quad \grave{a} \quad \gamma \check{\mathfrak{U}} \varnothing \quad \check{\gamma} \quad \sim \quad \vdash \quad \grave{a} \quad \hat{A}$

$\wedge^3 \sim F \quad \hat{\cdot} \quad \eta \downarrow \quad H \quad \eta F \quad \sim \quad , \breve{Y}^\sim \quad \neg \gamma$

$\mathfrak{D} \quad \hat{A}$

3.4.3 $\mathfrak{t}$ $\check{\mathfrak{i}}$ $\check{\mathfrak{u}}$ $\overline{\pi}$ $\check{\mathfrak{U}}$ $H_{\mathfrak{D}}$

$\check{\mathfrak{U}}$ $\mathcal{U}$ $\check{\mathfrak{i}}$ N_0 $\grave{\alpha}$ $\check{\mathfrak{i}}$ $\grave{\alpha}$

$\overline{\pi}$ $\grave{\alpha}$ $\overline{\pi}$ L $, \sim$ $,$

$\check{\mathfrak{i}}$ $\check{\mathfrak{U}}$ $\overline{\pi}$ $\int$ $X^{\sim}$ μ β $\sim$

L_{μ} $\check{\mathfrak{i}} / \overline{\pi}$ $\check{\mathfrak{U}}$ $H_{\mathfrak{D}}$ $\sim$ F $\sim$ β γ β $\grave{\alpha}$

γ $\sim$ $\partial_{\mathbb{G}}$ μ ∂ ν

$\acute{\mathfrak{i}}$ r $\mathfrak{b}^{\sim}$ $\downarrow$ ρ $\check{\mathfrak{U}}$ $\neg$ η r

$\hat{A}$ $\mathcal{Q}$ γ $, \mathcal{U}$ $\overline{\pi}$ $\downarrow$ E $,$

H L $X^{\sim}$ F $\sim$ X F

H $\mathfrak{b}$ $\hat{A}$ $X^{\sim}$ $\check{\mathfrak{U}}$

$\downarrow$ E $\hat{A}$

H $\check{\mathfrak{U}}$ $\bar{w}$ $\grave{\alpha}$ $\check{\mathfrak{U}}$ $\psi^{\sim}$ H Ψ $\mathfrak{b}$

$\mathbb{H} \sim$ $\mathbb{H} \sim \sim \sim$ $\mathfrak{f} \neq \sim \sim$ $\mathbb{H}$
 $\sim \mathfrak{Q} \mathfrak{L}$ $\mathfrak{E} \wedge$ $\mathfrak{f} \sim \wedge \hat{A}$

3.4.4 $\circ \mathfrak{z} \sim \mathbb{H} \mathfrak{D} \mathfrak{b} \sim \mathfrak{z} \circ \mathfrak{z}$

$\mathfrak{u}$

$\circ \mathfrak{z} \sim \sim \mathbb{H} \mathfrak{D} \sim \mathfrak{f} \Psi \mathfrak{G} \mathbb{H} \mathfrak{f} \sim \circ \mathfrak{z} \mathfrak{p}$
 $\mathfrak{H} \mathfrak{b} \sim \mathfrak{b} \mathfrak{z} \parallel \mathbb{H} \sim \circ \mathfrak{z} \sim \mathbb{H} \mathfrak{D} \mathfrak{b} \mathfrak{z} \circ$
 $\mathfrak{z} \mathfrak{a} \mathfrak{I} \mathbb{H} \mathfrak{a} \mathfrak{i} \sim \mathbb{H} \mathfrak{D}$
 $\mathfrak{r} \sim \mathfrak{H} \mathfrak{D} \sim \mathfrak{f} \beta \circ \mathfrak{z}$
 $\sim \mathfrak{z} \mathfrak{Q} \hat{A}$

НД

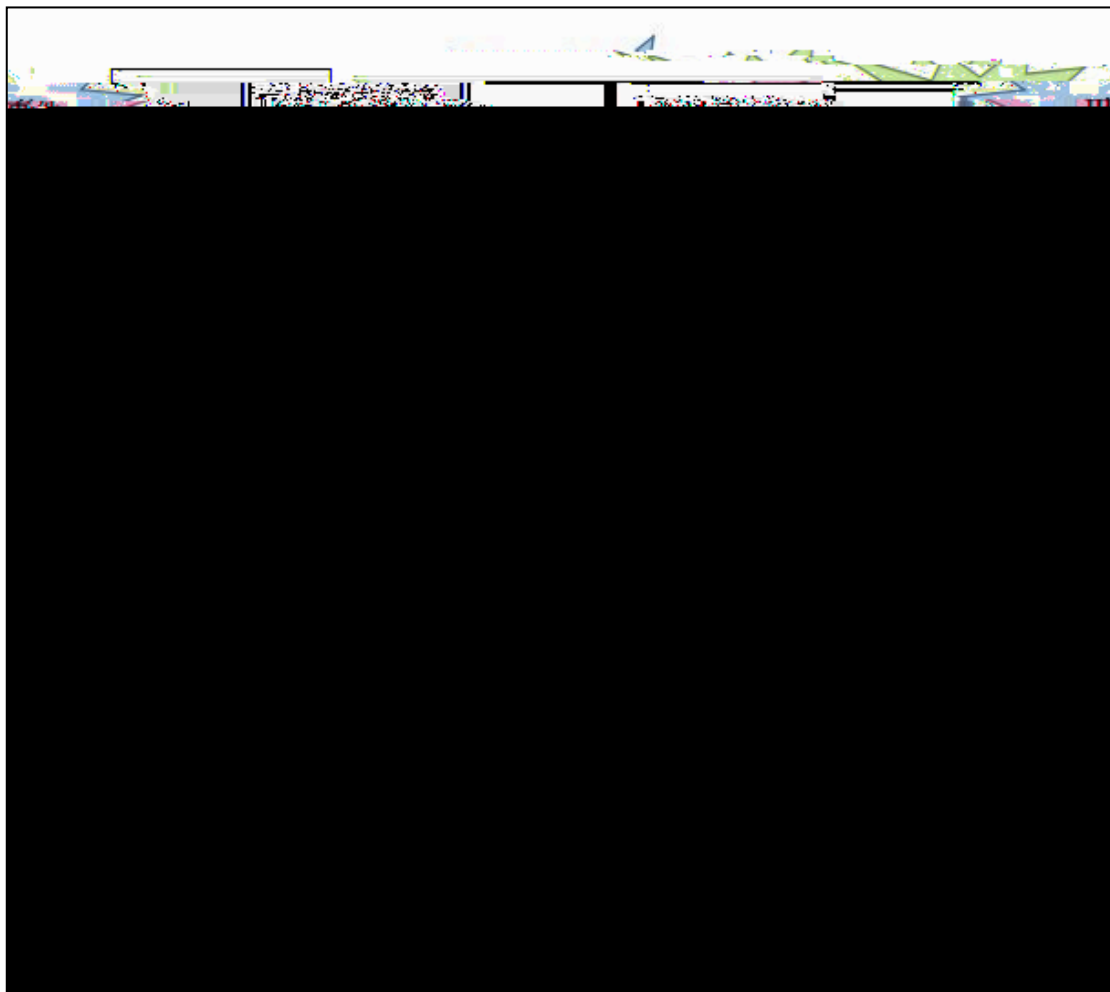
γ $\tilde{u}$ π

$\tilde{u}$

НД

μ

3.5-1 Å



3.5-1

4 ๒

4.1

4.1.1

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$\tilde{u}$ $\sim$ η η $\hat{A}$
 Θ $\grave{a}$ $\grave{a}$ $\grave{a}$ $\sim$ $\grave{a}$ $\bar{G}$ $\bar{I}$
 $\mathfrak{b}'$
 η $\grave{a}$ $^{\circ}$ η η $\sim$ $\mathfrak{b}$ η
 $\mathfrak{b}$ L $\sim$ $\bar{w}$ $\tilde{u}$ Ψ $L_{\sim}$ $\sim$ $\tilde{u}$ $\mathfrak{f}$
 $\sim$
 $\sim$ $\mathfrak{b}$ $\mathfrak{z}$ $\sim$ H $\sim$
 $\tilde{U}$ β F $\sim$ $\dot{\rho}$ $\sim$ $\sim$
 $'E_{\sim}$ $^{\circ}$ $\sim$ $\mathfrak{b}$ Ψ $^{\circ}$ η 1 $\mathfrak{p}$ $\tilde{u}$ $\mathfrak{F}$ η G
 $\dot{\rho}'$ $\grave{a}$ η η $\sim$ η $\sim$
 $^{\circ}$ η $\grave{a}$ $\sim$ $^{\circ}$ $\mathfrak{F}'$
 $\sim$ $\dot{\rho}$ $\sim$ $\tilde{u}$ H
 $\sim$ $\hat{A}$ 1 $\mathfrak{p}$ $\mathfrak{f}$ L
 $\dot{\rho}$ $\sim$ $\tilde{u}$ $\downarrow$ $\sim$ η H $\dot{\rho}$ $\sim$
 $'E_{\sim}$ H $\sim$ G $\tilde{u}$ H $\mathfrak{H}$ η 1 $\mathfrak{p}$ $\sim$
 $\sim$ $\tilde{u}$ $\tilde{u}$ $=$ $\sim$
 η η η β $\sim$ $\bar{w}$ $\tilde{u}$ $\sim$ η η $\mathfrak{D}$ $\hat{A}$

4.1.2 $\mathfrak{b}$

$'E_{\sim}$ $^{\circ}$ β η $\grave{a}$ F $\mathfrak{z}$ $^{\circ}$ $\hat{A}$ $\acute{t}$ η $\sim$
 $^{\circ}$ β η $\sim$ H $\mathfrak{b}_{\sim}$ $\sim$ $\mathfrak{b}$ $\mathfrak{f}$ $\sim$ β
 $\mathfrak{b}$ $\sim$ η η Σ $\mathfrak{b}$ $\hat{A}$ $\dot{\rho}$ $\sim$ $\sim$
 1 $\grave{a}$ $^{\circ}$ $\sim$ $\sim$ η $\sim$
 2 $\grave{a}$ η $\sim$ $\sim$
 3 $\grave{a}$ $\grave{a}$ $\acute{t}$ $\sim$ H $\sim$
 4 $\grave{a}$ $\mathfrak{b}$ $\mathfrak{z}$ η $\tilde{u}$ $\mathfrak{p}$ $\sim$ H $\sim$
 5 $\grave{a}$ $\mathfrak{b}_{\sim}$ $\mathfrak{p}$ $\grave{a}$ $\acute{t}$ $\sim$ $\%$ η $\sim$ $\sim$ η $\sim$
 6 $\grave{a}$ $\grave{a}$ a 1 $\mathfrak{p}$ $\sim$ $\sim$ A $\mathfrak{f}$ $\grave{a}$ η H $\grave{a}$ $\grave{a}$
 $\mathcal{D}_{\rho}$ $\grave{a}$ $\grave{a}$ $\mathfrak{w}$ $\dot{\rho}$ $\sim$ $\sim$
 7 $\grave{a}$ a $\acute{k}$ $\sim$ $\bar{G}$ $\bar{G}$ $\sim$ a $\hat{A}$
 Θ $\grave{a}$ $'E_{\sim}$ $\mathfrak{b}$ $\sim$

eo		ζ H $\ddot{a}$ $\mathfrak{z}$ $\mathfrak{z}$ $\ddot{a}$ $\mathfrak{v}$ H	$\ddot{a}$ $\ddot{a}$	$\ddot{a}$ $\ddot{a}$ $\acute{k}$ $\ddot{a}$ $\textcircled{P}$ $\sim$ H	$\dot{\mathfrak{z}}$ $\circ$ $\mathfrak{z}$ $\dot{\mathfrak{z}}$	$\ddot{a}$ $\ddot{a}$ $\textsubscript{r}$ $\ddot{a}$ $\ddot{a}$ H $\ddot{a}$ $\ddot{a}$ $\textcircled{P}$ $\ddot{a}$ $\acute{k}$ $\acute{i}$ $\ddot{a}$ $\textsubscript{=}$	$\textsubscript{r}$
		ζ H $\ddot{a}$ $\mathfrak{z}$ $\mathfrak{z}$ $\ddot{a}$ $\ddot{a}$ $\mathfrak{v}$ H	$\ddot{a}$ $\ddot{a}$	$\acute{k}$ $\ddot{a}$ $\ddot{a}$ $\ddot{a}$ $\textcircled{P}$ $\sim$ H	$\dot{\mathfrak{z}}$ $\circ$ $\mathfrak{z}$ $\dot{\mathfrak{z}}$	$\ddot{a}$ $\ddot{a}$ $\ddot{a}$ $\ddot{a}$ $\textsubscript{r}$ $\ddot{a}$ $\ddot{a}$ $\ddot{a}$ H $\textcircled{P}$ $\ddot{a}$ $\ddot{a}$ $\ddot{a}$ $\ddot{a}$ $\acute{k}$ $\acute{i}$ $\ddot{a}$ $\textsubscript{=}$	
ı ı				$\ddot{a}$ $\ddot{a}$ $\acute{k}$ $\ddot{a}$ $\sim$ H	$\mathfrak{v}$ $\mathfrak{v}$	H $\ddot{a}$ $\textsubscript{=}$ $\ddot{a}$	$\textsubscript{L}$ $\acute{k}$ $\textsubscript{v}$ $\mathfrak{v}$ $\frac{7}{8}$
			$\ddot{a}$	$\ddot{a}$ $\ddot{a}$ $\acute{k}$ $\ddot{a}$ $\sim$ H $\textsubscript{=}$ $\textcircled{P}$ $\sim$ H	$\dot{\mathfrak{z}}$	H $\ddot{a}$ $\textsubscript{=}$ $\textcircled{P}$ $\ddot{a}$ $\textsubscript{=}$	
	1# $\wedge$ $\sim$	NMHC $\ddot{a}$ $\mathfrak{z}$	$\textsubscript{v}$	$\ddot{u}$ $\acute{k}$	$\dot{\mathfrak{z}}$ $\circ$ $\mathfrak{z}$ $\textsubscript{v}$	$\ddot{a}$ $\acute{k}$ $\acute{i}$ $\textsubscript{=}$ $\ddot{a}$	$\textsubscript{L}$ $\acute{k}$ $\textsubscript{v}$ $\mathfrak{v}$ $\frac{7}{8}$
	2# $\wedge$ $\sim$	NMHC $\ddot{a}$ $\mathfrak{z}$	$\textsubscript{v}$	$\ddot{u}$ $\acute{k}$	$\dot{\mathfrak{z}}$ $\circ$ $\mathfrak{z}$ $\textsubscript{v}$	$\ddot{a}$ $\textsubscript{=}$ $\ddot{a}$ $\acute{k}$ $\acute{i}$	
	3# $\sim$	NMHC $\ddot{a}$	$\textsubscript{v}$	$\ddot{u}$ $\acute{k}$	$\dot{\mathfrak{z}}$ $\circ$ $\mathfrak{z}$ $\textsubscript{v}$	$\ddot{a}$ $\acute{k}$ $\acute{i}$ $\textsubscript{=}$ $\ddot{a}$	
ı	$\textsubscript{v}$ $\ddot{a}$	$\textsubscript{o}$ $\ddot{a}$ $\ddot{a}$ $\ddot{a}$ $\textsubscript{Y}$ $\textsubscript{ı}$ $\mathfrak{v}$	$\ddot{a}$		$\ddot{a}$	$\ddot{a}$ $\textsubscript{=}$	$\textsubscript{L}$ $\mathfrak{v}$ $\mathfrak{v}$

Й ^в	Ў ^л	Ў ^л Й ^{1 в}	ă Й	ă ắ k	ă Й	ă ă Q	7/8 ă ˘
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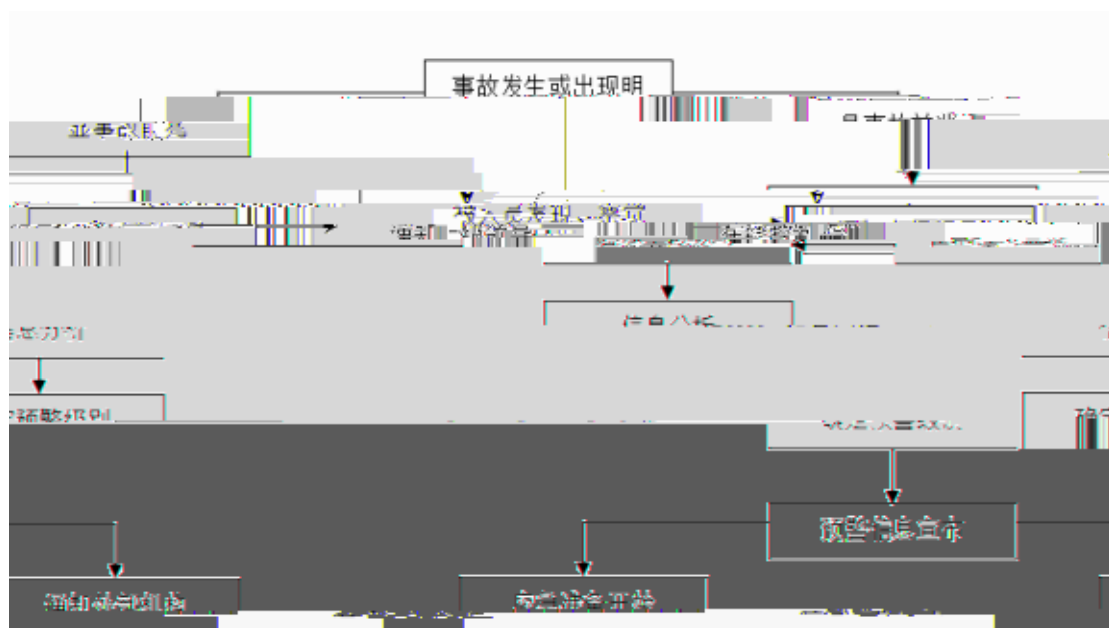


图 4.2-

4.2.5

$$\begin{array}{l}
 \begin{array}{l}
 \tilde{u} \quad \tilde{X} \quad \neq \quad \wedge \text{L}_u \\
 \wedge \quad \sim \quad \mathfrak{b} \% \quad \top \hat{A} \\
 \wedge \quad 1 \sim \quad \wedge \quad \mathbb{A} \quad \mathbb{H} \quad \top_0 \quad \mathbb{H}_- \quad \mathfrak{b} \\
 \top \quad \mathbb{H} \quad \% \quad \sim \quad \top \quad 0 \quad \mid \quad \wedge \quad \wedge \quad , \\
 \wedge \quad 2 \sim \quad \mathbb{L} \quad \wedge \quad \sim \quad \mathbb{L} \\
 , \\
 \wedge \quad 3 \sim \quad \mathbb{H} \quad \mathbb{A} \quad \mathbb{O} \quad \mathfrak{b} \sim \quad \mathbb{L} \quad \top \quad 0 \quad \mid \quad \mathbb{H} \mathbb{D} \\
 \wedge \quad \mathfrak{b} \quad \mathfrak{z} \quad \mathbb{H} \quad \mathbb{A} \quad \grave{a} \quad \% \quad , \\
 \wedge \quad 4 \sim \quad \mathbb{A} \quad \mathbb{H} \quad \tilde{u} \quad \mathfrak{c} \quad \grave{a} \quad \mathbb{H} \quad \mathfrak{c} \quad \mathfrak{z} \\
 \mathfrak{b} \sim \quad \mathbb{H} \quad \mathfrak{b} \quad \mathfrak{v} \quad \sim \quad \wedge \quad \wedge \sim \quad \mathbb{H} \quad , \\
 \mathbb{F} \quad \mathfrak{q} \quad \sim \quad \sim \quad \bar{G} \quad \mathfrak{b} \neq \quad \hat{A} \\
 \wedge \quad 5 \sim \quad \mathbb{O} \quad \% \quad \mathbb{F} \quad \grave{a} \quad \mathfrak{z} \quad , \\
 \wedge \quad 6 \sim \quad \mathbb{H} \mathbb{D} \quad \bar{w} \quad \tilde{u} \quad \sim \quad \wedge \text{L}_u \quad \mathfrak{z} \quad \sim \quad \mathfrak{b} \hat{A}
 \end{array}
 \end{array}$$

4.2-3 $\neq \check{u}$ $\neq$

≠	μ
$\hat{1} \sim$ $\hat{2} \sim$ $\hat{3} \sim$ $\hat{4} \sim$ $\hat{5} \sim$ $\hat{6} \sim$ $\hat{7} \sim$ $\hat{8} \sim$ $\hat{9} \sim$	$\hat{1} \sim$ $\hat{2} \sim$ $\hat{3} \sim$ $\hat{4} \sim$ $\hat{5} \sim$ $\hat{6} \sim$ $\hat{7} \sim$ $\hat{8} \sim$ $\hat{9} \sim$
$\hat{1} \sim$ $\hat{2} \sim$ $\hat{3} \sim$ $\hat{4} \sim$ $\hat{5} \sim$ $\hat{6} \sim$ $\hat{7} \sim$ $\hat{8} \sim$ $\hat{9} \sim$	$\hat{1} \sim$ $\hat{2} \sim$ $\hat{3} \sim$ $\hat{4} \sim$ $\hat{5} \sim$ $\hat{6} \sim$ $\hat{7} \sim$ $\hat{8} \sim$ $\hat{9} \sim$
$\hat{1} \sim$ $\hat{2} \sim$ $\hat{3} \sim$ $\hat{4} \sim$ $\hat{5} \sim$ $\hat{6} \sim$ $\hat{7} \sim$ $\hat{8} \sim$ $\hat{9} \sim$	$\hat{1} \sim$ $\hat{2} \sim$ $\hat{3} \sim$ $\hat{4} \sim$ $\hat{5} \sim$ $\hat{6} \sim$ $\hat{7} \sim$ $\hat{8} \sim$ $\hat{9} \sim$

4.2.6

$$\begin{array}{ccccccc} \mathbb{H} & \mathbb{B} & \mathbb{C} & \mathbb{H} & \mathbb{C} & \mathbb{H} & \int \\ \mathbb{A} & \mathbb{C} & & \mathbb{H} & \mathbb{C} & \mathbb{A} & \\ & \mathbb{C} & & \mathbb{H} & \mathbb{C} & \mathbb{A} & \\ & \mathbb{C} & & \mathbb{H} & \mathbb{C} & \mathbb{A} & \end{array}$$

4.3 ầ

1 à

1 1 p 1 H r v ^ .
~ ~ H H , U o z b ü H

5 H 1 b

5.1 H b H

0 H b b β 1 0
 1^ , Й 7 ˆ A 1 Q ˆ 0 H b
 ˆ 7 0 H b L Δ 0 ˆ 0 H A
 0 H b 7 ˆ 7 a 7 A F Δ Tˆ
 9 ≠ ˆ L A H b 1 w ˆ b β 0 0
 H b ˆ 0 7 ˆ Q U, ˆ 1' ˆ
 | 1 Xˆ F ˆ 7 U'Eˆ A'Eˆ
 | 1 Xˆ 7 ˆ H b à% H b à ˆ
 ˆ † 0 ˆ 7 7 7 h
 A

5.2 H 1

“ w ˆ N ” 7 † ˆ Eˆ | H b 1 Xˆ
 7 Lˆ ê 0 H b ˆ 7 ˆ H
 b ˆ : ˆ Hˆ ˆ ˆ , H b ≠ ˆ U, ˆ
 1 A ˆ , Й 7 7 ˆ A
 0 H b H w 0 bˆ H 0
 0 H b H A 0 H b 0 Xˆ 0 0 % à H ˆ
 ψ A
 ˆ H . ˆ
 w H 0 7 β ˆ

$\hat{X} \quad \text{و} \quad \neq \quad \text{و} \quad \hat{A}$
 $\hat{1} \sim \text{'n} \quad \text{و} \quad \text{H} \text{D} \quad \text{L} \quad \infty \quad \text{و} \text{'n} \quad \text{H} \text{D} \quad \sim$
 $\text{و} \quad \text{و} \quad \text{و} \quad \text{H} \text{D} \quad \neq \quad \text{و} \quad \sim$
 $\text{و} \quad \text{L} \quad \hat{A}$
 $\hat{2} \sim \text{'n} \quad \text{و} \quad \text{H} \text{D} \quad \text{L} \quad \infty \quad \text{و} \text{'n} \quad \text{H} \text{D} \quad \sim$
 $\text{و} \quad \text{و} \quad \text{L} \quad \sim \quad \hat{A}$
 $\hat{3} \sim \text{I} \quad \text{و} \quad \text{H} \text{D} \quad \text{L} \quad \infty \quad \text{و} \text{I} \quad \text{H} \text{D} \quad \text{'n} \quad \text{H} \text{D}$
 $\int \quad \text{L} \quad \text{و} \quad \text{و} \quad \text{L} \quad \text{و} \quad \text{و} \quad \hat{A} \quad \text{و} \text{H}$
 $\sim \quad \text{و} \quad \text{و} \quad \text{H} \text{D} \quad \hat{X} \quad 15 \text{N}_2 \quad \text{و} \text{L}$
 $\text{N}_2 \quad \text{و} \quad \text{L} \quad \hat{A} \quad \text{'n} \quad \text{و} \quad \text{و} \quad \text{و} \quad \hat{A}$
 $\text{و} \quad \text{H} \quad \text{L} \quad \text{و} \quad \text{L} \quad 5.2-1 \hat{A}$

5.2-1 و ه ل و ل

و ه	و ه	و ه	و ه	و ه	و ه و
$\text{'n} \quad \text{و} \quad \text{H}$ $\text{D} \hat{\text{و}} \quad \text{و} \quad \text{و} \quad \text{و}$ $\text{و} \quad \text{و} \quad \text{و}$ $\text{و} \quad \sim$	$\text{و} \quad \text{و}$	$\text{و} \quad \text{و}$	$\text{و} \quad \text{و} \quad \text{و}$ $\text{و} \quad \text{و} \quad \text{و}$ $\text{و} \quad \text{و} \quad \text{و}$ $\text{و} \quad \text{و} \quad \text{و}$	$\text{و} \quad \text{و}$	$\text{H} \text{D} \quad \text{و} \quad \text{و}$ $\text{و} \quad \text{و} \quad \text{و}$
$\text{'n} \quad \text{و} \quad \text{H}$ $\text{D} \hat{\text{و}} \quad \text{و} \quad \text{و} \quad \text{و}$ $\text{H} \quad \text{و} \quad \text{و} \quad \text{و}$ $\text{و} \quad \text{و} \quad \text{و} \quad \text{و}$ $\text{و} \quad \text{و} \quad \text{و} \quad \text{و}$ $\text{و} \quad \text{و} \quad \text{و} \quad \text{و}$	$\text{و} \quad \text{و}$	$\text{و} \quad \text{و}$	$\text{و} \quad \text{و} \quad \text{و}$ $\text{و} \quad \text{و} \quad \text{و}$ $\text{و} \quad \text{و} \quad \text{و}$ $\text{و} \quad \text{و} \quad \text{و}$	$\text{و} \quad \text{و}$	$\text{H} \text{D} \quad \text{و} \quad \text{و}$ $\text{و} \quad \text{و} \quad \text{و}$

r	$\sim$	H	$\sim$	$\tilde{a}$
$\sim$	$\tilde{a}$	$\downarrow$	$\uparrow$	$\mathfrak{D}$
$\sim$	$\tilde{a}$	$\downarrow$	$\uparrow$	$\tilde{a}$
			$H \mathfrak{D}$	$\sim$
			$\mathfrak{D}_H$	$\sim$

$\kappa_{\neg}$				$\dot{\rho}$
	Ψ $\wedge$ 0561- 3228007 $\sim$ $\grave{a}$ $N_{\mathbb{Q}}$ $\wedge$ 0561- 7952019 $\sim$ $\grave{a}$ π $\wedge$ 12345 $\sim$	H $\sim$ 15 $N_{\mathbb{Q}}$ $\dot{\rho}$ ' 30 $N_{\mathbb{Q}}$ $\dot{\rho}$ ' 60 $N_{\mathbb{Q}}$ $\dot{\rho}$ '		$\hat{w} H$ $\breve{u}$ $\vee$ $\prime$ $\hat{Y} H$ $\wedge$ $\grave{a}$ $\sim$ $\prime$ $\hat{y}^{\tau}$ H $\mathfrak{C}$ $\hat{A}$
	$\dot{c}$ $\circ$ $\mathfrak{z}^{\wedge}$ $-$ 13962045957 $\grave{a}$ 13770346779 $\grave{a}$ $\wp$ 13851196977 $\sim$			
	$\dot{c}$ $\wedge$ 13909613893 $\sim$			$\sim$ L $\mathfrak{L}$
$\dot{c}$	π $\neg$ $\neg$ $\wedge$ 0561- 4986120 $\sim$	$\bar{w}$ $\neg$ 0 $H^{\sim}$		$\neg$ $^{\flat}$ 0 H $\prime$ $\grave{a}$ β

5.3 H

“ $\bar{w} \sim N_0$ ” $\mathcal{A} \uparrow \sim \check{U} \quad H_{\mathcal{D}} \check{U} \quad \bar{w} \quad \rho$
 $\check{U} \quad \check{A} \quad y_K \check{o}$ $\check{S}$

№	0561-4953491
№	120 110 119 122
№	0561-7012110
№	12345/0561-12369
№	0561-6076611
№	0561-6077361
№	0561-3118012
№	0561-6886263
№	0561-7889761
№	0561-7071690
№	0561-4986120
№	0561-7012577
№	0561-7519001 13909613893
№	0561-7519002 13305612168
№	0561-6075019
№	0561-3024838
№	0561-3228007
№	0561-7952019

5.2-6 03 1

№	
№	13605618836
№	13705614868
№	13909617199

π $\tilde{\phi}$ E_n	13851196977
----------------------------	-------------

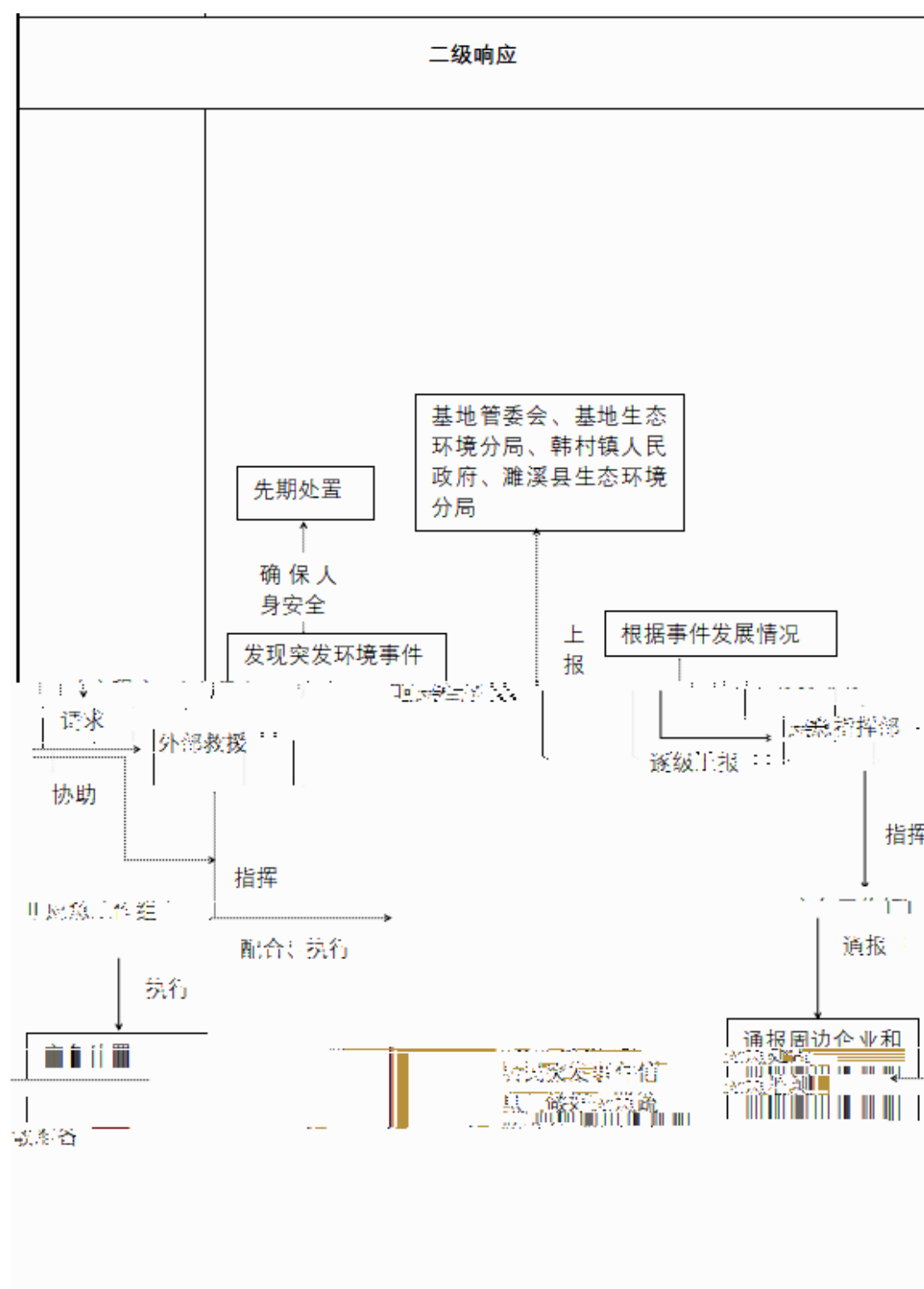
5.4 H_D L $\tilde{U}$ L ρ

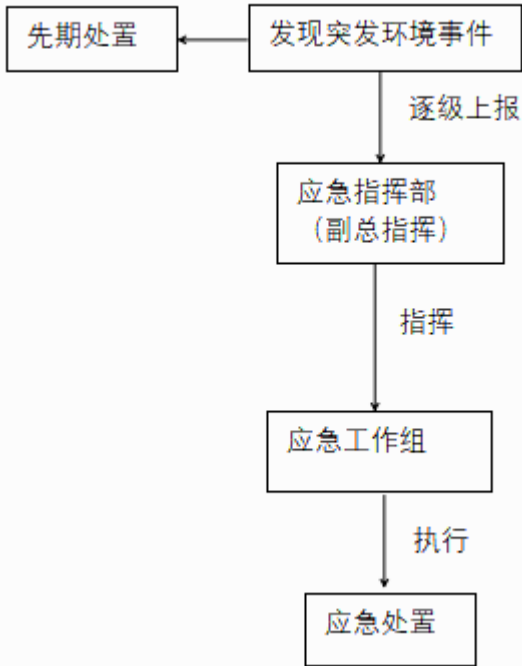
$\tilde{U}$ H_D L N_2 φ Δ $\tilde{a}$ $\tilde{v}$ $\tilde{E}_{\tilde{\Delta}}$ $\hat{A}\Delta$ $\tilde{U}$ H_D
 Σ 1 $\tilde{\rho}_{\tilde{\Delta}}$ $\tilde{v}$ $\tilde{\Sigma}$ $\tilde{\Sigma}_{\tilde{\Delta}}$ L H_D
 Σ $\tilde{\rho}_{\tilde{\Delta}}$ $\hat{A}$
 Δ $\tilde{v}$ $\tilde{\rho}$ $\tilde{h}$ $\tilde{\rho}$ H_D $\tilde{a}$ $\tilde{U}$ $\tilde{a}$

6 9 1

ü ~ i H_D H 0 1/2 ~ 0 7 0 E C₇ 0

9 L	
9	$\hat{w}$ 5 N₀ $\dot{\rho}$ Δ , , $\hat{Y}$ b 8 N₀ η $\dot{\rho}$ T , $\hat{A}$



9	 <pre> graph TD A[发现突发环境事件] --> B[先期处置] A -- 逐级上报 --> C[应急指挥部
(副总指挥)] C -- 指挥 --> D[应急工作组] D -- 执行 --> E[应急处置] </pre>	
9	10 N₂ ρ 15 N₂ H ρ T₁ 9 Â	

H₂ ū ~ H₂ H₂ ∞ 9 ≠ ~ ≠
 9 ~ H₂ T₁ ū H₂ 1 ~
 9 L H₂ ~ o 3 ū 9 ≠ ~ 9
 ≠ 9 Â
 ū Ÿ ↓ H₂ ~ L₂ 3,3 w H₂ ,
 w ū H₂ ~ o 3 H₂ w L ,
 Ÿ H₂ T₁ , 1 ~ H₂ [L ,
 Ÿ H₂ T₁ E₂ H₂ ä b Â

$\check{\mathfrak{U}} \quad \mathfrak{H}^{\mathfrak{p}} \sim \quad \mathfrak{Q} \quad \mathfrak{A} \quad \varepsilon \quad \sim \quad \check{\mathfrak{U}} \quad \mathfrak{l} \quad \mathfrak{H}^{\sim} \quad \mathfrak{A}$
 $\parallel \quad \hat{\mathfrak{A}} \quad \check{\mathfrak{U}} \quad \mathfrak{T} \quad \sim \quad \mathfrak{A} \quad \mathfrak{A}$
 $\mathfrak{X} \quad \mathfrak{T} \quad \mathfrak{v}_0 \quad \mathfrak{H} \quad \mathfrak{O} \quad \mathfrak{A} \quad \hat{\mathfrak{A}}$
 $\wedge \quad \mathfrak{z}^{\sim} \quad \Psi \quad \mathfrak{a} \quad \check{\mathfrak{U}} \quad \mathfrak{H} \mathfrak{D}^{\sim} \quad \mathfrak{o} \quad \mathfrak{z} \quad \mathfrak{F} \quad \mathfrak{b}$
 $\mathfrak{A} \quad \Psi \quad \mathfrak{A} \quad \mathfrak{v} \quad \mathfrak{A} \quad \mathfrak{U}_{\mathfrak{A}, \mathfrak{A}}^{\mathfrak{A}} \quad \sim \quad \Psi \quad \mathfrak{F}$
 $\hat{\mathfrak{A}} \quad \Psi \quad \mathfrak{A} \quad \mathfrak{v} \quad \mathfrak{A} \quad \mathfrak{A} \quad \mathfrak{F}_{\mathfrak{A}} \quad \mathfrak{a} \quad \mathfrak{l}$
 $\mathfrak{A} \quad \mathfrak{H} \quad \hat{\mathfrak{A}}$
 $\wedge \quad \mathfrak{4}^{\sim} \quad \mathfrak{a} \mathfrak{A} \quad \mathfrak{l}^{\sim} \quad \mathfrak{A} \quad \hat{\mathfrak{A}}$
 $\mathfrak{4} \mathfrak{a} \mathfrak{A} \quad \mathfrak{A} \quad \mathfrak{A} \quad \mathfrak{D}$
 $\check{\mathfrak{U}} \quad \mathfrak{A} \quad \mathfrak{T} \quad \sim \quad \mathfrak{A} \quad \mathfrak{A} \quad \mathfrak{v}$
 $\sim \quad \mathfrak{A} \quad \mathfrak{A} \quad \mathfrak{u} \quad \mathfrak{z} \quad \hat{\mathfrak{A}} \quad \mathfrak{H} \mathfrak{N}_2 \quad \mathfrak{A} \quad \mathfrak{O} \quad \% \quad \mathfrak{b}^{\sim} \quad \mathfrak{i} \quad \mathfrak{X}$
 $\sim \quad \mathfrak{A} \quad \% \quad \sim \quad \mathfrak{A} \quad \check{\mathfrak{U}} \quad \hat{\mathfrak{A}}$
 $\mathfrak{5} \mathfrak{a} \quad \mathfrak{A}$
 $\mathfrak{A} \quad \mathfrak{A} \quad \mathfrak{p} \quad \mathfrak{X}^{\sim} \quad \mathfrak{24} \quad \mathfrak{A}_{\mathfrak{A}, \mathfrak{A}}^{\mathfrak{A}} \quad \sim \quad \mathfrak{A}$
 $\bar{\mathfrak{G}} \quad \% \quad \mathfrak{H} \quad \mathfrak{X}^{\sim} \quad \mathfrak{A} \quad \mathfrak{Y} \mathfrak{D} \quad \mathfrak{A} \quad \hat{\mathfrak{A}}$
 $\mathfrak{6} \mathfrak{a}$
 $\mathfrak{E}_{\mathfrak{u}}^{\mathfrak{A}} \quad \mathfrak{E} \quad \mathfrak{H} \quad \hat{\mathfrak{A}}$

6.5 %

$\check{\mathfrak{U}} \quad \mathfrak{H} \mathfrak{D} \quad \neq \sim \quad \mathfrak{L}_{\mathfrak{u}} \quad \sim \quad \mathfrak{A}$
 $\check{\mathfrak{U}} \quad \mathfrak{i} \quad \mathfrak{A} \mathfrak{O} \quad \mathfrak{A} \quad \mathfrak{H} \mathfrak{D} \quad \mathfrak{H} \quad \mathfrak{X}^{\sim} \quad \mathfrak{A} \quad \mathfrak{F} \quad \mathfrak{A}_{\mathfrak{A}, \mathfrak{A}}^{\mathfrak{A}} \quad \mathfrak{v}$
 $\mathfrak{A} \quad \mathfrak{H} \quad \check{\mathfrak{U}} \quad \sim \quad \mathfrak{w} \quad \mathfrak{Y}^{\sim} \quad \mathfrak{v} \quad \mathfrak{v} \quad \varepsilon \quad \mathfrak{M}$
 $\mathfrak{Q}^{\sim} \quad \mathfrak{P} \quad \mathfrak{H}^{\sim} \quad \mathfrak{Q} \quad \mathfrak{u} \quad \hat{\mathfrak{A}}$
 $\mathfrak{A} \quad \mathfrak{O} \quad \mathfrak{F} \quad \mathfrak{z} \quad \mathfrak{A} \quad \mathfrak{H} \quad \check{\mathfrak{U}} \quad \mathfrak{A} \quad \mathfrak{B} \quad \mathfrak{M}$
 $\mathfrak{Y} \quad \mathfrak{a} \quad \mathfrak{Q} \quad \sim \quad \mathfrak{L} \quad \mathfrak{P} \quad \sim \quad \mathfrak{A} \quad \mathfrak{H} \quad \mathfrak{D} \quad \mathfrak{z}^{\sim}$
 $\mathfrak{H} \quad \mathfrak{H} \quad \mathfrak{v} \quad \mathfrak{a} \quad \mathfrak{H} \mathfrak{D} \quad \check{\mathfrak{U}} \quad \hat{\mathfrak{A}}$
 $\mathfrak{M} \quad \mathfrak{H} \quad \mathfrak{p} \quad \mathfrak{A}$
 $\wedge \quad \mathfrak{1}^{\sim} \quad \mathfrak{F} \quad \mathfrak{A} \quad \mathfrak{A} \quad \mathfrak{A}$
 $\wedge \quad \mathfrak{2}^{\sim} \quad \mathfrak{F} \quad \mathfrak{A}_{\mathfrak{A}, \mathfrak{A}}^{\mathfrak{A}} \quad \mathfrak{i} \quad \mathfrak{b}$
 $\wedge \quad \mathfrak{3}^{\sim} \quad \mathfrak{M} \quad \mathfrak{O} \quad \mathfrak{a} \quad \mathfrak{O} \quad \mathfrak{F} \quad \mathfrak{z} \quad \mathfrak{A}$

$\hat{4} \sim \mathbb{M}$ $\gamma \sim$ $\gamma \sim$
 $\hat{5} \sim \check{\mathfrak{U}}$ $\mathfrak{U}$ $\mathfrak{L}$ $\mathfrak{u}$ $\mathfrak{r}$ $\hat{A}$

6.6

$\mathfrak{L}_{\mathfrak{u}}$ $\mathfrak{X} \sim$ $\mathfrak{J}$ $\neq$ $\mathfrak{O}$ $\mathfrak{r}_{\mathfrak{u}}$ $\mathfrak{u}$ $\int \beta \hat{A}$
 $\mathfrak{n}$ $\mathfrak{u} \sim$ $\mathbb{M}$ $\mathfrak{F} \mathfrak{z}$ $\mathfrak{u}$ ε $\mathfrak{H} \mathfrak{r}$ $\gamma \check{\mathfrak{U}}$
 $\hat{A}$
 $\hat{1} \sim$ $\sim \mathfrak{H}$ $\mathfrak{u}$ $\mathfrak{A}$ $\mathfrak{G}_{\mathfrak{u}}$ $\sim \mathfrak{H}$ $\mathfrak{r}$ $\mathfrak{n}$ $\sim$
 $\mathfrak{i} \grave{a}$ $\grave{a}$ $\mathfrak{i} \sim$ $\bar{\mathfrak{G}}$ $\mathfrak{n} \sim$ $\mathfrak{u}$
 $\hat{A}$
 $\hat{2} \sim \mathfrak{H}$ $\mathfrak{u}$ $\mathfrak{F} \mathfrak{z}_{\mathfrak{u}}$ $\mathfrak{x} \parallel \mathfrak{r}$ $\mathfrak{r}_{\mathfrak{u}}$ $\mathfrak{u}$ $\sim \mathfrak{H}$ $\mathfrak{n}$
 $\gamma \sim$ $\mathfrak{A}$ $\sim$ $\mathfrak{r}$ $\mathfrak{H}$ $\sim$ $\mathfrak{X} \mathfrak{r}$
 $\mathfrak{Y}$ $\mathfrak{n}$ $\mathfrak{H}$ $\hat{A}$
 $\hat{3} \sim$ $\mathfrak{r} \mathfrak{F} \mathfrak{z}_{\mathfrak{u}}$ $\mathfrak{r} \mathfrak{N}_2 \mathfrak{r} \mathfrak{H}$ $\mathfrak{n}$ $\gamma \grave{a}$ $\gamma \sim$
 $\mathfrak{r}$ $\sim$ $\check{\mathfrak{U}}$ $\hat{A}$
 $\hat{4} \sim \mathfrak{H}$ γ $\grave{a}$ $\bar{\mathfrak{G}}$ $\mathfrak{r}$ $\sim$
 “ ” $\mathbb{M} \wedge \mathfrak{H}$ $\mathfrak{u}$ $\int \gamma \hat{A}$
 $\hat{5} \sim$ $\mathfrak{n}$ $\sim \mathfrak{H}$ $\gamma \sim$ β $\sim$
 $\mathfrak{n}$ β $\hat{\mathfrak{a}}$ $\sim \mathfrak{r}$ $\wedge \mathfrak{H}$ γ $\mathfrak{u}$ $\hat{A}$
 $\hat{6} \sim \mathfrak{H}$ $\grave{a}$ $\grave{a}$ $\acute{\mathfrak{k}}$ $\sim$ $\acute{\mathfrak{k}}$ $\mathfrak{r}$ $\mathfrak{X}$
 $\bar{\mathfrak{G}}$ $\mathbb{M} \wedge \gamma$ $\mathfrak{x} \gamma$ $\hat{A}$
 $\hat{7} \sim \mathfrak{H}$ $\check{\mathfrak{U}}$ $\mathfrak{X}$ $\bar{\mathfrak{w}}$ $\mathfrak{p}$ γ $\mathfrak{L} \sim$ $\mathfrak{u}$ $\blacktriangle \grave{a}$ $\mathfrak{r}$ $\sim$
 $\mathfrak{r}$ $\mathfrak{u}$ $\hat{A}$
 $\hat{8} \sim$ $\mathfrak{i} \wedge$ $\sim$ $\mathfrak{u}$ $\mathfrak{u}$ $\int$ $\mathfrak{n}$
 $\sim$ $\mathfrak{u}$ $\mathfrak{r}$ $\mathfrak{p}$ $\mathfrak{r}$ $\check{\mathfrak{U}}$ $\mathfrak{E} \mathfrak{u}$ $\mathfrak{u}$ $\grave{a}$
 $\mathfrak{r}$ $\sim$ $\mathfrak{u}$ $\int$ $\mathfrak{n}$ $\hat{A}$

6.6.1 $\check{\mathfrak{U}}$ $\mathfrak{H} \mathfrak{D}$

$\mathbb{M} \wedge$ $\mathfrak{H}$ $\check{\mathfrak{U}}$ $\mathfrak{L}$ $\mathfrak{r}_{\mathfrak{u}}$ $\mathfrak{i}$
 $\bar{\mathfrak{w}}$ $\int$ $\mathfrak{n}$ $\gamma \sim$ $\mathfrak{Q}$ $\hat{A}$

$\hat{4} \sim \dots \gamma \mid \Delta \sim \dots \ddot{a} \dots \gamma \dots$
 $\gamma \dots \hat{A}$

6.6.2.3 $\mathbf{H}^{\mathbf{b}}$ $\ddot{u}$ $\mathbf{T}$

$\hat{1} \sim \dots \Delta \sim \mathbf{H}^{\mathbf{b}} \dots \gamma \dots$
 $\hat{2} \sim \dots \mathbf{H}_0 \mathbf{H}_{\mathbf{r}}^{\mathbf{b}} \mathbf{H} \dots \mathbf{H}_0 \mathbf{H}_{\mathbf{r}}^{\mathbf{b}} \gamma \beta_{\mathbf{r}}^{\mathbf{b}} \dots \gamma \dots \mathbf{H}_{\mathbf{r}}^{\mathbf{b}}$
 $\bar{w} \mathbf{H} \hat{\dots} \ddot{a} \mathfrak{z} \ddot{a} \dots \ddot{a} \mathcal{A} \mathfrak{z} \dots \sim \hat{A}$

6.7 $\mathbf{H}$

$\mathfrak{u} \mathbf{H} \mathfrak{D} \dots \ddot{u} \mathbf{H} \mathfrak{D} \ddot{u} \sim \dots \mathfrak{p}$
 $\ddot{u} \mathbf{H} \mathfrak{D} \dots \mathfrak{f} \dots \gamma \ddot{u} \dots \hat{A}$
 $\mathfrak{G} \dots \mathfrak{b} \mathbf{F} \mathfrak{z}_{\mathbf{r}}^{\mathbf{b}} \ddot{a} \mathbf{F} \mathfrak{z} \dots \mathbf{F} \mathfrak{z} \dots \mathfrak{t} \sim \mathbf{E}_{\mathbf{r}} \mathfrak{b} \mathbf{T}$
 $\mathbf{E}_{\mathbf{r}} \mathfrak{z} \dots \mathfrak{M} \dots \ddot{u} \dots \ddot{u} \mathbf{H} \mathfrak{D} \sim \ddot{u}$
 $\ddot{u} \dots \mathbf{H} \mathfrak{b} \sim \ddot{u} \mathfrak{b} \dots$
 $\mathbf{T} \mathfrak{D} \dots \mathbf{H} \mathfrak{r} \sim \mathfrak{b} \hat{A} \dots \mathfrak{b} \mathbf{h} \mathbf{E}_{\mathbf{r}}$
 $\mathfrak{p} \mathfrak{D} \dots \hat{A}$

6.7.1 $\mathcal{A} \updownarrow$

$\hat{1} \sim \mathfrak{b} \mathfrak{Q} \dots \mathbf{H} \sim \dots \ddot{a} \dots \beta \ddot{a} \dots \ddot{a}$
 $\ddot{a} \dots \ddot{a} \dots \hat{A} \mathfrak{Q} \mathcal{A} \mathbf{N}_2 \sim \mathbf{N}_2 \mathfrak{K}$
 $\mathcal{A} \hat{\dots}$

$\hat{2} \sim \mathfrak{b} \sim \dots \ddot{a} \gamma \ddot{u} \dots \hat{A}$
 $\hat{3} \sim \Delta \mathbf{H} \mathbf{1} \mathbf{1} \dots \mathfrak{U} \dots \mathbf{N}_2 \mathbf{H} \ddot{u}$
 $\mathcal{A} \ddot{a} \mathfrak{F} \ddot{a} \dots \hat{A}$

6.7.2 $\mathbf{h}$ $\gamma \ddot{u}$

$\hat{1} \sim \mathfrak{n} \mathfrak{Q} \mathfrak{a} \dots \ddot{a} \mathfrak{B} \mathfrak{n} \dots \hat{A}$
 $\hat{2} \sim \mathfrak{G} \dots \ddot{u}$
 $\sim \gamma \mathfrak{66}^* \mathbf{1} \mathbf{T} \dots \ddot{u} \gamma \sim \mathbf{h} \mathfrak{66}^* \hat{\sim}$

NO_x VOCs C_xH_y	$1\# \sim 2\# \sim 3\#$ $\text{F} \sim \text{I}$ C_xH_y G A	$\bar{w}$, $\bar{y}$, 10^{-15} N_0 $\bar{w}$, $\bar{y}$, G, $2h$ $1 \sim \Delta$ $\vdots \hat{A}$	$\hat{e}$, $\hat{y}$, H $\hat{D}$ $\hat{I}$ $\hat{HJ589-2010}$
NO_x VOCs C_xH_y $\hat{A}$ $\hat{A}$	10^{-15} N_0 F, G, $2h$, C_xH_y Δ, I, G $\hat{A}$	$\bar{w}$, $\bar{y}$, 10^{-15} N_0 $\bar{w}$, $\bar{y}$, G, $2h$ $1 \sim \Delta$ $\vdots \hat{A}$	
C_xH_y C_xH_y C_xH_y C_xH_y	I, C_xH_y I, G G	$\bar{w}$, $\bar{y}$, G, $2h$ $1 \sim \Delta$ $\vdots$	

6.7-2 H₂ h

H ₂		β		
----------------	--	---------	--	--

pH $\sim$ COD $\sim$
SS $\sim$ NH₃-N $\sim$

H₂

$\hat{A}$

$\bar{w}$, $\bar{y}$, 10^{-15} N_0
 $\bar{w}$, $\bar{y}$, G , $2h$
 $1 \sim \Delta$

$\vdots \hat{A}$

$\hat{I}$

2010~

6h	1	'	Δ 7 24h	9	1	Â	9	η	Δ	7	Â	9
Â		6.7-3	6.7-4Â									
			6.7-3									

7 7

7.1

7.1.1

$\tilde{0}$ H_D $\bar{w}$ $\downarrow$ $\tilde{X}$ $H\tilde{Y}$ $\downarrow$ $D_H\bar{w}$ $\sim$ Λ
 D'
 $\wedge 1^{\sim}$ H_D $\int$ $L^{\sim}$ H_D D ,
 $\wedge 2^{\sim}$ $\vee \gamma \rho'$
 $\wedge 3^{\sim}$ H_D Λ $\sim$ $\tilde{0}$ γ ,
 $\wedge 4^{\sim}$ H_D Θ F_3 μ ,
 $\wedge 5^{\sim}$ $\mathfrak{D}$ $\mathfrak{z}$ $\gamma \bar{G}$ $E \wedge \tilde{\Phi}^0$ Λ $\sim$ $a H_D \gamma$
 T $\mathfrak{J}$ $G H$ F γ $\hat{A}$

7.1.2

$\wedge 1^{\sim}$ H $'\sim$ $H\tilde{Y}$ $T_{K_v}\bar{w}$
 $'\sim$ $\Lambda \gamma$,
 $\wedge 2^{\sim}$ L ΘF_3 $= \tilde{Y}$ $\mathfrak{D}$ $\tilde{0}$ $\tilde{X}$
 $\tilde{0}_{\neg}$ μ $\sim$ L γ $L^{\sim}$ γ
 Λ $\hat{A}$
 $\wedge 3^{\sim}$ $\tilde{X}$ $\gamma \neq$ $H_D F_3$ γ
 $\vee$ $'\sim$ $\vee$ E $b^{\sim}$ $\tilde{0}$ γ
 Ψ $\hat{A}$

7.1.3

$\wedge 1^{\sim}$ $\circ_3$ γ $\tilde{a} \circ_3 \tilde{X}$ $\tilde{a}$ $\Psi \gamma$ $\gamma \tilde{0}_{\neg}$ μ $H_D \Lambda$
 $\wedge 2^{\sim}$ T $b_{\neg}$ μ $\tilde{a}$ $\mu_{\neg}$ μ $\vee_0$ $\lceil$ $1'$
 $\wedge 3^{\sim}$ G $\tilde{0}$ H $\sim$ $\sim$ L γ $\hat{A}$
 L'
 $\wedge 4^{\sim}$ Π F $H H_D$ $\sim$ $L H$ $'\sim$ γ $'$ $\tilde{0} \Theta$
 $'$ H $\mathfrak{J}$ $\mathfrak{D}$ $\sim$

$$\begin{array}{ccccccc} \mathfrak{z} & \tilde{\epsilon} & \mathfrak{b} \text{ } \grave{\iota} \text{ } \mathfrak{r} & \text{' } \mathsf{H}\mathfrak{c} & \mathfrak{C} & \grave{\alpha} \text{ ' } \mathfrak{b} & \grave{\alpha} & \grave{\alpha} \\ \sim & \mathfrak{T} \Delta^{\sim} & \mathfrak{l} \setminus \mathsf{E}_{\mathfrak{n}} & \mathfrak{T} & \mathbb{F}^{\sim} & \breve{\mathfrak{o}} & \mathsf{H}\mathfrak{c} \mathfrak{D} \mathfrak{T} & \mathfrak{a}_l & \mathbb{F} \\ & \vdots & \breve{\mathfrak{o}} & \mathfrak{H} & \hat{A} & & & & \end{array}$$

7.2.4

8 $\bar{G}$

$F_3 = \tilde{Y}$ $L_X \bar{G} \dot{t}$
 $r \tilde{b}_0 T M \hat{A} \tilde{\gamma} N_0 \tilde{\nu} A$
 $\tilde{u} H_D \tilde{b} \otimes A \rightarrow F \hat{a} F \hat{a} F \hat{a}' \hat{a} \gamma \nu \tilde{u} H$
 $\bar{G} \tilde{b} \bar{G} b \hat{A}$

8.1 $\rightarrow \bar{G}$

$= h \psi' \hat{a} X \bar{G} \hat{a} \gamma \hat{A} \dot{t} T$
 $h L \hat{a} k \tilde{\gamma} \tilde{b} X \bar{G} h$
 $N_0 \tilde{u} b \tilde{\gamma} \tilde{\nu} \gamma h H^{\mu} \tilde{b} \hat{A} \circ \tilde{z}$

8.1-1 $\hat{A}$

8.1-1

		γ	"
			18290706628
	$\bullet$		13966129619
γE	"		13966129619
	μ	D $\leftrightarrow$	15705303067 15057117569 13561606083 18196561727 15155539067 17356166505
		$_4 \gamma$	13856186515
	μ	X	18895329601 15856143642
$\bar{G}$		1	18098799292
	μ		17356101037 17709615152
H			18205619499
	μ	$\dot{X}$	15256138221
		$\leftrightarrow$	15155539067
	μ		18715619616

γ			17356166505
	μ	ĩ ĩ	17364301921
			15705303067
	μ	ũ	18055483170
			15655160475
			18715619616

8.2 $\bar{G}$

	h ǎ ǎ ǎ		ǎ ǎ
h	h ǎ h		ǎ ǎ
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		2 ǎ	ǎ E ٱ
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	ǎ	338 ǎ	ǎ ǎ ǎ
		1	ǎ ǎ ǎ
	ǎ ǎ		ǎ ǎ ǎ ǎ ǎ
	H	1 ǎ	ǎ ǎ ǎ
	ǎ	1 ǎ	ǎ ǎ ǎ
		241 ǎ	ǎ ǎ ǎ
	ǎ H ǎ	2768.5 ǎ	ǎ
	ǎ ǎ	1133.15 ǎ	ǎ
	ǎ ǎ	936 ǎ	ǎ

8.3-2

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		5	
		10 ǎ	
		1000	
	ǎ	20	
	ǎ	5 ǎ	
	ǎ	2	
	ǎ ǎ	2	

8.4 ǎ H Ġ

$\hat{1} \sim H \quad \bar{G} \quad \sim \quad \theta \quad \sim \quad h \quad \sim$
 $\sim \quad \theta \quad \sim \quad \sim \quad 1 \quad \sim$
 $\hat{2} \sim \theta \quad \beta \quad \sim \quad a \quad \sim \quad \bar{G} \quad \sim$
 $\hat{3} \sim \theta \quad h \quad \sim \quad \bar{G} \quad 24 \quad \sim \quad 1 \quad \sim$
 $\sim \quad 1 \quad H \quad \hat{A}$

$\hat{4} \sim E_{\pi}$ $\sup$ 24 γ $\hat{A}$
 $\check{\theta}$ θ H $\sim H$ $\check{\theta}$ π π η H $,$ L π $\check{\nu}$
 $\sup$ $\sim$ π $\check{\nu}$ $\sup$ $\int H$ H L X L $\check{a}$
 η $\check{a}$ γ $\check{\theta} H$ $\check{\theta}$ H $,$ ρ $\sim$ π η
 $\check{b}$ κ $\sim$ $\sup$ H $\check{\theta}$ $,$ H $,$ $\mathcal{U}$
 $\hat{}$ N_0 $\sim \sim$ L_{π} $\sim$ $\check{i}$ $\mathfrak{r}$
 π π $\check{i}$ $\mathfrak{b}$ $\hat{A}$

9.1

[illegible][illegible][illegible]

○ 3 7/8 9.1-1 Å

	$\dot{\rho}$			
1	$\begin{matrix} \ddot{a} & \alpha\rho \\ \vdash & \vdash & \hat{A} \end{matrix}$	$\begin{matrix} \ddot{a} & \ddot{a} & \ddot{a} & \epsilon \\ \ddot{a} & \ddot{a} & \ddot{a} & \epsilon \end{matrix}$	$\begin{matrix} \ddot{a} & \alpha\rho \\ \ddot{a} & \ddot{a} \end{matrix}$	
2	$\begin{matrix} \ddot{a} & \ddot{a} & \ddot{a} & \epsilon \\ \ddot{a} & \ddot{a} & \ddot{a} & \epsilon \end{matrix}$	$\begin{matrix} \ddot{a} & \ddot{a} & \ddot{a} & \epsilon \\ \ddot{a} & \ddot{a} & \ddot{a} & \epsilon \end{matrix}$	$\begin{matrix} \ddot{a} & \alpha\rho \\ \ddot{a} & \ddot{a} \end{matrix}$	$\begin{matrix} \ddot{a} & \alpha\rho \\ \ddot{a} & \ddot{a} \end{matrix}$

$\Delta \quad \bar{G}$	$\% \quad \grave{a} \quad N_0$	$2 \quad /$
H	$\check{H} \quad L$	$2 \quad /$

9.2.2
 N_0

$\mathfrak{b} \quad \mathfrak{Q} \quad \mathfrak{f} \quad \gamma \quad N_0 \quad \mathfrak{u}$
 $\quad \quad \quad \check{\eta} \quad \quad \hat{A}$

9.2.2.1
 $\quad \quad \quad \sim$

$\quad \quad \quad \check{\bar{w}} \quad \quad \Psi \quad \quad \dot{\rho} \quad \epsilon \quad \hat{A}$

$\quad \quad \quad \check{\mathfrak{u}} \quad \grave{\mathfrak{i}} \quad \% \quad \mathfrak{b} \quad \quad \quad ,$

$\mathfrak{D} \quad \mathfrak{u} \quad \quad \mathfrak{u} \quad \hat{A} \quad \grave{\mathfrak{i}} \quad \mathfrak{h}$
 $\quad \quad \quad \check{\mathfrak{i}} \quad \mathfrak{u} \quad \quad = \quad \quad \mathfrak{F} \check{\gamma} \quad \check{\mathfrak{u}} \quad =$

$\epsilon \quad \mathfrak{M} \quad \mathfrak{b} \quad \check{\nu} \quad \quad \% N_0 \quad \quad \hat{A}$

$\quad \quad \quad \dot{\mathfrak{i}} \quad \mathfrak{r} \quad \int \quad \mathfrak{E}_{\mathfrak{u}} \quad \check{\nu} \quad \mathfrak{f} \quad \gamma$
 $\quad \quad \quad \check{\mathfrak{u}} \quad \quad \check{\nu} \quad \mathfrak{O} \quad \quad \quad \check{\mathfrak{i}} \quad \hat{A} \quad \quad \mathfrak{T}$

$\quad \quad \quad L \quad \quad \quad \% \quad \quad \mathfrak{Q}$
 $\quad \quad \quad \check{\nu} \quad \quad \dot{\rho} \quad \check{\nu} \quad \quad \check{\mathfrak{i}} \quad \mathfrak{u} \quad \quad \mathfrak{u} \quad L \quad \quad \mathfrak{z}$

$\quad \quad \quad \quad \quad \quad \mathfrak{O} \quad \mathfrak{E} \quad \quad 1 \quad \quad \quad \epsilon \quad \mathfrak{M}$

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 Δ η ˘ ꞑ à ꞑ ˘ ꝛ k̂
L ꝛ Â Q ˘ ð ꝛ Ɱ G = H ˘ ꝛ H M b L

Iv ψ̃ γ Ɐꞑ ꝛ ꝛ Q F ˘ Â

11 ầ ầ ử ự

11.1

$$\begin{array}{ccccccc} \hat{\sim}^1 & \dot\rho & & & & & \\ \dot\rho & & \text{'E}_\mu & \dot\rho & \sim & \eta \grave{\alpha} & \bar G & F_3 & & ^\flat & \check{\imath}^\perp & \hat A & & \bar w & \sim & \breve{\upsilon} \\ H & & \breve{\upsilon} & & \acute{k} & \hat A & & & & & & & & & & \\ \hat{\sim}^2 & & & & & & & & & & & & & & & \\ & & \omega & & \gamma & & & F & & & \sim & & \acute{k} & \Sigma & \neg & \hat A \end{array}$$

11.2

$$N_0 \hat{A} \quad \mathbb{E}_{\mathbf{v}_t} \quad \Delta \quad \wedge \quad \bar{\pi} \sim \quad 1 \quad \mathbb{H}$$

11.3 $\mathfrak{U}$

$$F \quad E_{\text{eff}} \quad \circ \quad \hat{A}$$

11.4 k

[illegible]

$\hat{A}$
$$\begin{array}{ccccccc} \mathbb{K} & \mathbb{E}_n & \mathbb{Z}_n & \mathbb{P} & \mathbb{Q} & \mathbb{U} & \mathbb{F} \\ \mathbb{X} & \mathbb{K} & \mathbb{X} & \mathbb{D} & \mathbb{D} & \mathbb{A} & \\ \mathbb{K} & \mathbb{A} & \mathbb{K} & \mathbb{A} & \mathbb{P} & \mathbb{K} & \mathbb{A} \end{array}$$

12
↕

12.1

$\check{v}$
 $\mathfrak{z} \, \mathfrak{X}^\sim$
 $\mathbb{F}$
 $\mathbb{E}_n \circ \mathfrak{z}$
 $\mathfrak{z}$
 $\check{0} \, \check{v}$
 $\mathbb{F}$

$\mathbb{E}_n$
 $\hat{A}$

12.2

$\check{0}$
 $\mathfrak{H}$
 $\check{v}$
 $\check{v}$
 $\hat{A}$
 $\acute{k}$
 $\check{v}$
 $\mathbb{E}_n$
 $\check{0}$
 $\check{0}$
 $\grave{a}$
 $\hat{A}$

$$\mathbb{F} \qquad \mathbb{E}_u \qquad \check{\mathbb{U}} \qquad \mathbb{H} \, \mathfrak{D}$$

1 ũ e F

1.1 H

E_u T a C H ä 3 ä 3 4 7 ä ~
 ũ 1 ٲ ~ F
 4 ~ ٲ , ٲ ٲ ٲ ٲ ٲ ٲ

9 Â

^ 1~ III H
 ũ ~ ٲ 7 4 ~ X ▼ ٲ ~
 X i ,

^ 2~ II H
 4 7 T F ٲ H ~
 F 4 ,

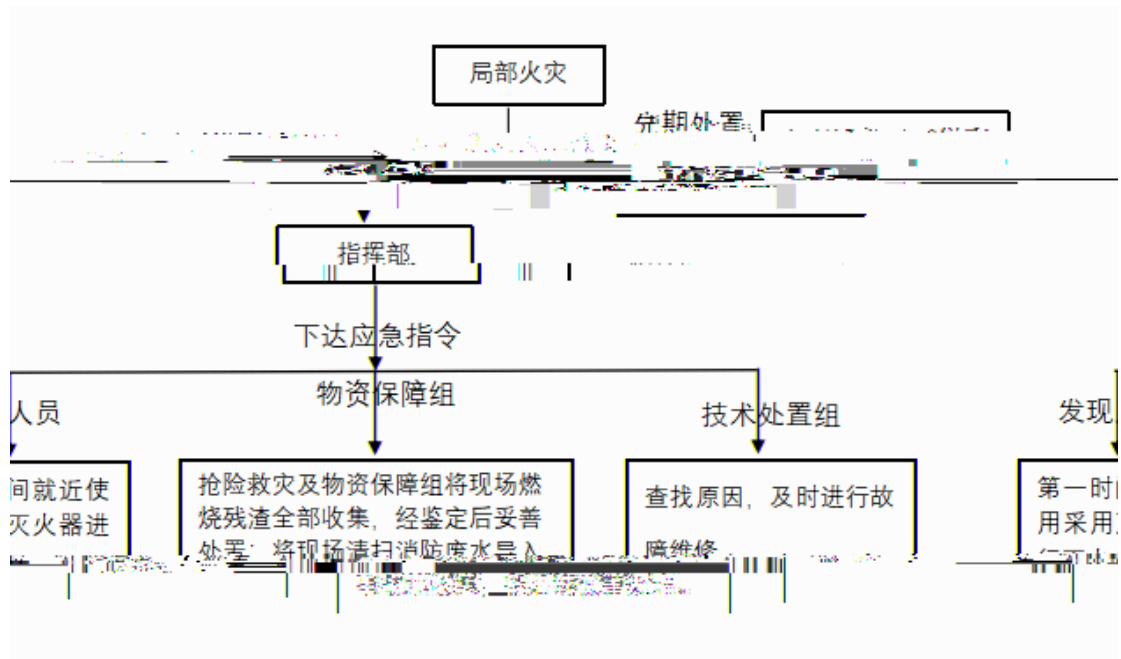
^ 3~ I H
 4 7 ũ ~ F 3 ٲ H ٲ
 1 ٲ 4 7 ~ 4 7 F 4 ~ Â

1.2

1 ä ٲ ٲ ä ,
 2 ä ٲ ٲ ~ ٲ ä 7 ٲ A [H h ä H ,
 3 ä ä ũ Ũ' ' ~ G w t ~
 ٲ ä a b ,
 4 ä 7 ä 7 ä ٲ 7 ~ ,
 5 ä 4 7 Ũ' 7 ä 7 7 ũ ٲ
 G G a Â

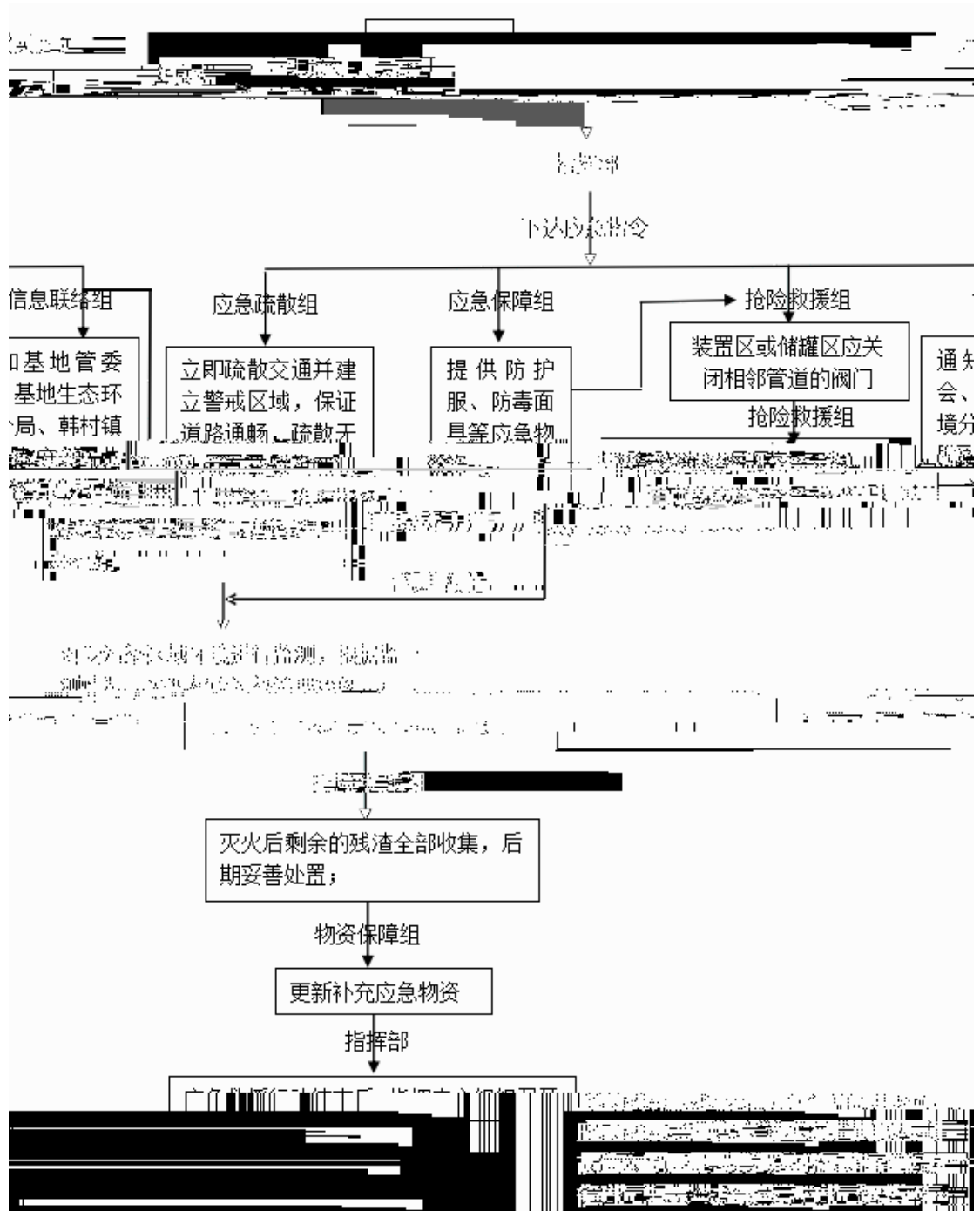
1.3 9

III 9
 w ٲ, 7 7 ٲ ٲ ,
 Y w a ,
 y G 7 H ~ H ~ X i ,



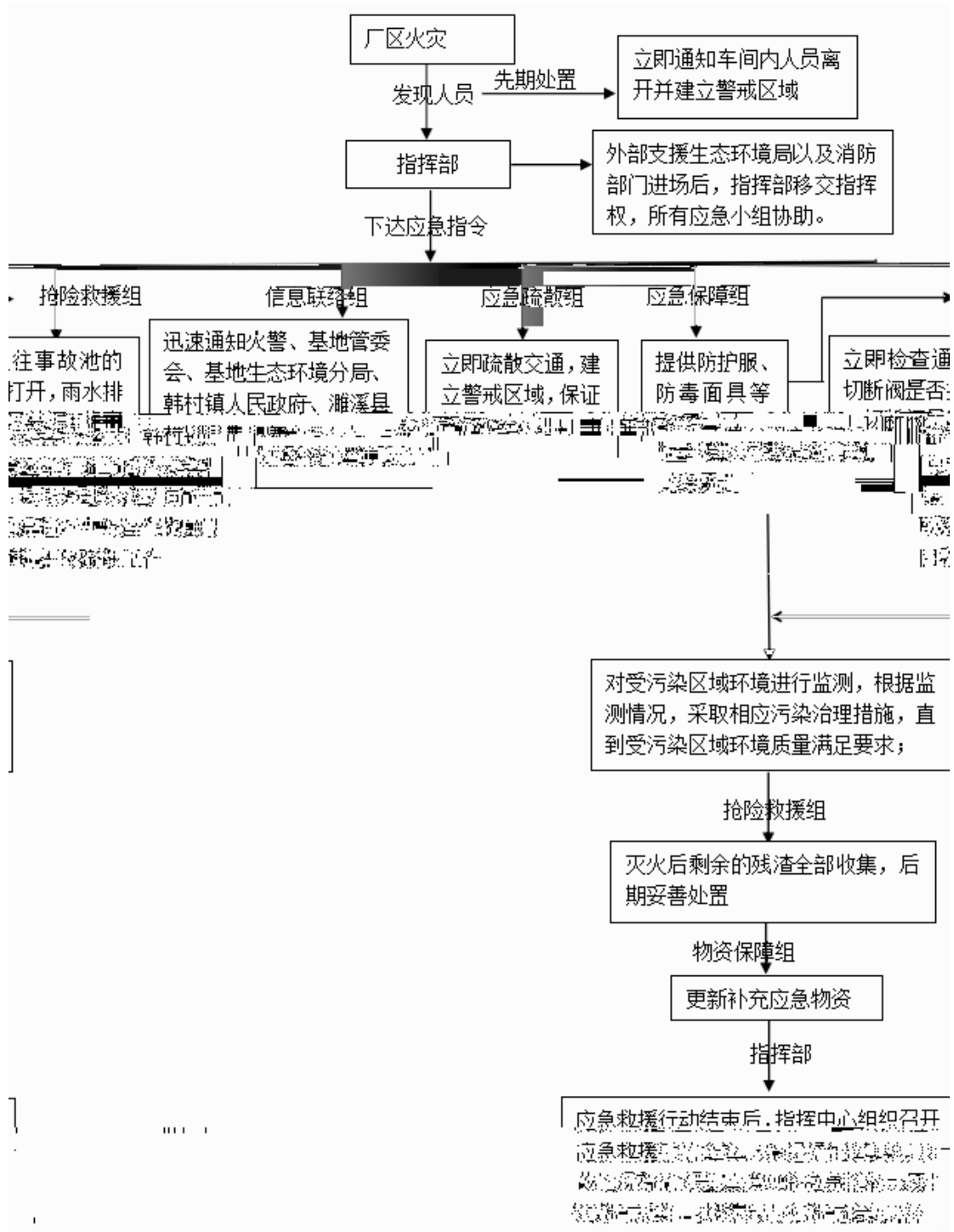
III 9

^ 2~ II 9



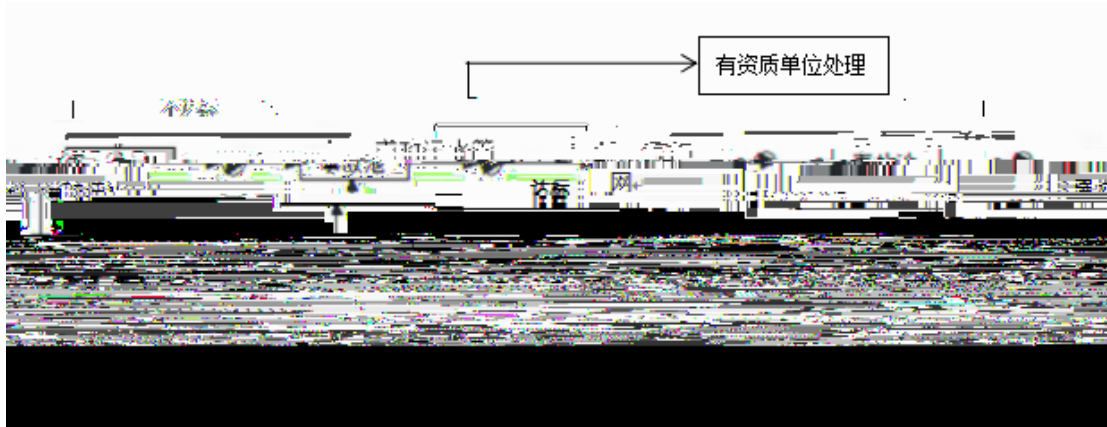
II 9

^ 3~ I 9



I 9

^ 4~ H_u v



1.4 1

1.4.1 Ũ 1

^ 1~ 9

9			K _u
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đ	Ũ	u u u	Ũ u
	∫ Δ	9 9 9 9	Ũ u
		1 à u	Ũ u
		2 à H Ũ w a	Ũ u

3

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		$\begin{array}{c} \text{ } \\ \text{ } \\ \text{ } \\ \text{ } \\ \text{ } \end{array}$	
	6 à	$\begin{array}{c} \text{ } \\ \text{ } \\ \text{ } \\ \text{ } \\ \text{ } \end{array}$	
	7 à	$\begin{array}{c} \text{ } \\ \text{ } \\ \text{ } \\ \text{ } \\ \text{ } \end{array}$	
	8 à	$\begin{array}{c} \text{ } \\ \text{ } \\ \text{ } \\ \text{ } \\ \text{ } \end{array}$	$\bar{G}$
	9 à	$\begin{array}{c} \text{ } \\ \text{ } \\ \text{ } \\ \text{ } \\ \text{ } \end{array}$	/•
H	1 à	$\begin{array}{c} \text{ } \\ \text{ } \\ \text{ } \\ \text{ } \\ \text{ } \end{array}$	
	2 à	$\begin{array}{c} \text{ } \\ \text{ } \\ \text{ } \\ \text{ } \\ \text{ } \end{array}$	
	3 à	$\begin{array}{c} \text{ } \\ \text{ } \\ \text{ } \\ \text{ } \\ \text{ } \end{array}$	
	4 à	$\begin{array}{c} \text{ } \\ \text{ } \\ \text{ } \\ \text{ } \\ \text{ } \end{array}$	
	5 à	$\begin{array}{c} \text{ } \\ \text{ } \\ \text{ } \\ \text{ } \\ \text{ } \end{array}$	

1.4.2 ¶

ف 1٠٠٠

[illegible]

F				E _n		Ü		H ₂ D	
Q̃	Ü	1 ä 7						1	
		2 ä 7						Ü	

$\mathbb{F}$	$\mathbb{E}_n$	$\check{U}$	H_D
$\mathbb{T}$	$\approx$	Ψ	$\check{U}$
H	λ	γ	$\check{U}$

2 1 سپ F

2.1 H_u

1 ρ 3 à 3 à Ũ^u ~
 T_u b_u H_u T_u ũ^u ~ à Й_u
 ~ Â
 ^ 1~ III H_u
 ũ^u ~ سپ ~ ρ^u η ~ H_u
 ρ^u ~ F_u '
 ^ 2~ II H_u
 Ũ^u ũ^u ~ سپ à ~ H_u Δ Δ
 ~ F_u 1 ρ Â
 ^ 3~ I H_u
 Ũ^u ũ^u H_u ~ 1 سپ 1 ρ ~
 1 ~ ~ Â

2.2

1 ä,ç_u ~ b_u b_u 1 à à b_u ũ^u ĭ Â
 2 à Ũ^u ũ^u ~ Â
 3 à || ç_u θ à ũ^u r β
 Δ^u 7 Â
 4 à Â ||^u ||^u Â ~ ρ Â
 5 à Â Δ P ~ ~^u σ Â
 6 à^u θ^u J_u F_u ~ ~ 1 Â
 7 à Ũ^u 1 à T_u Ũ^u 1 à 7 ũ^u °_u ~
 G_u G_u a_u Â

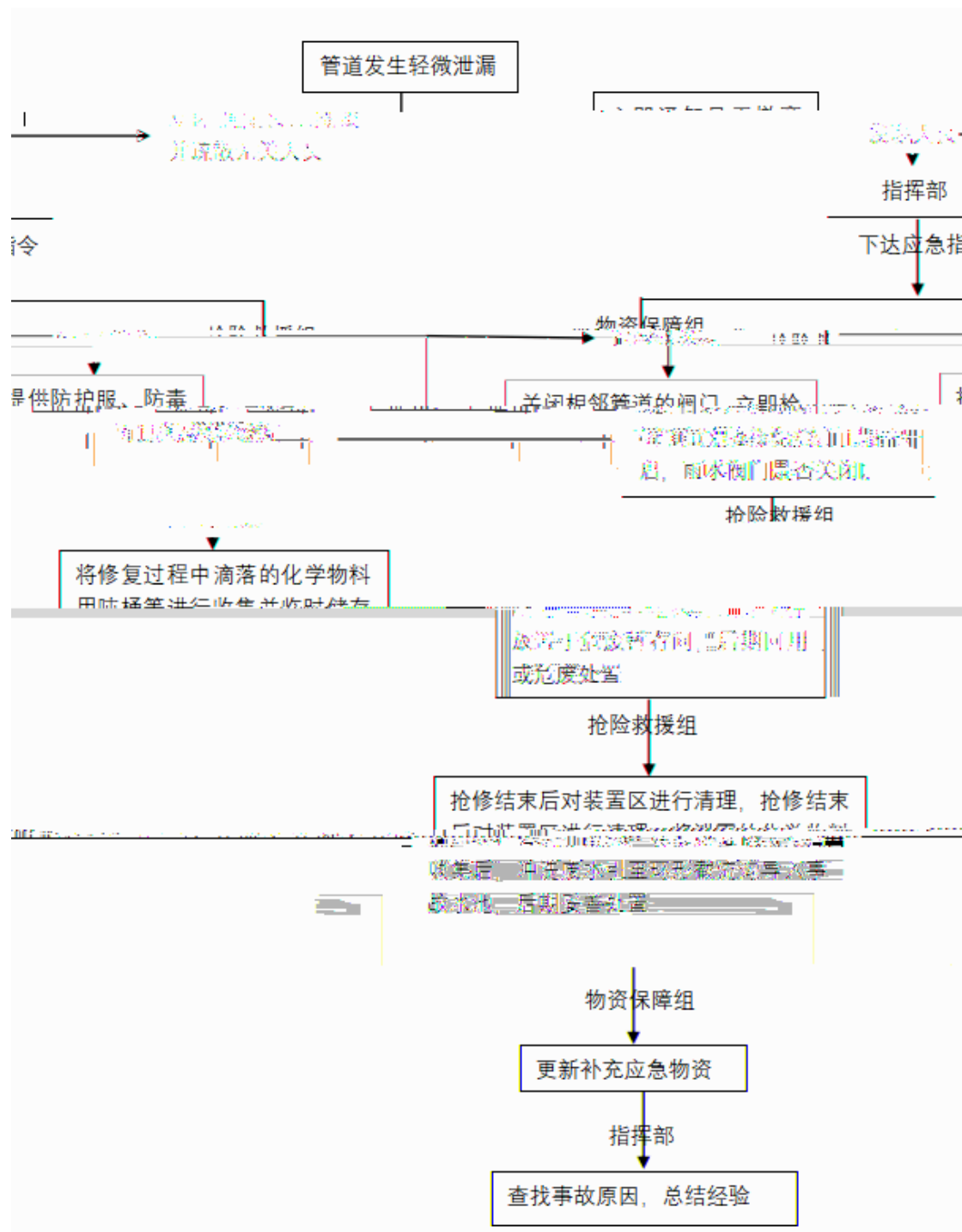
2.3 ف

2.3.1 3 H_u D

^ 1~ III ف

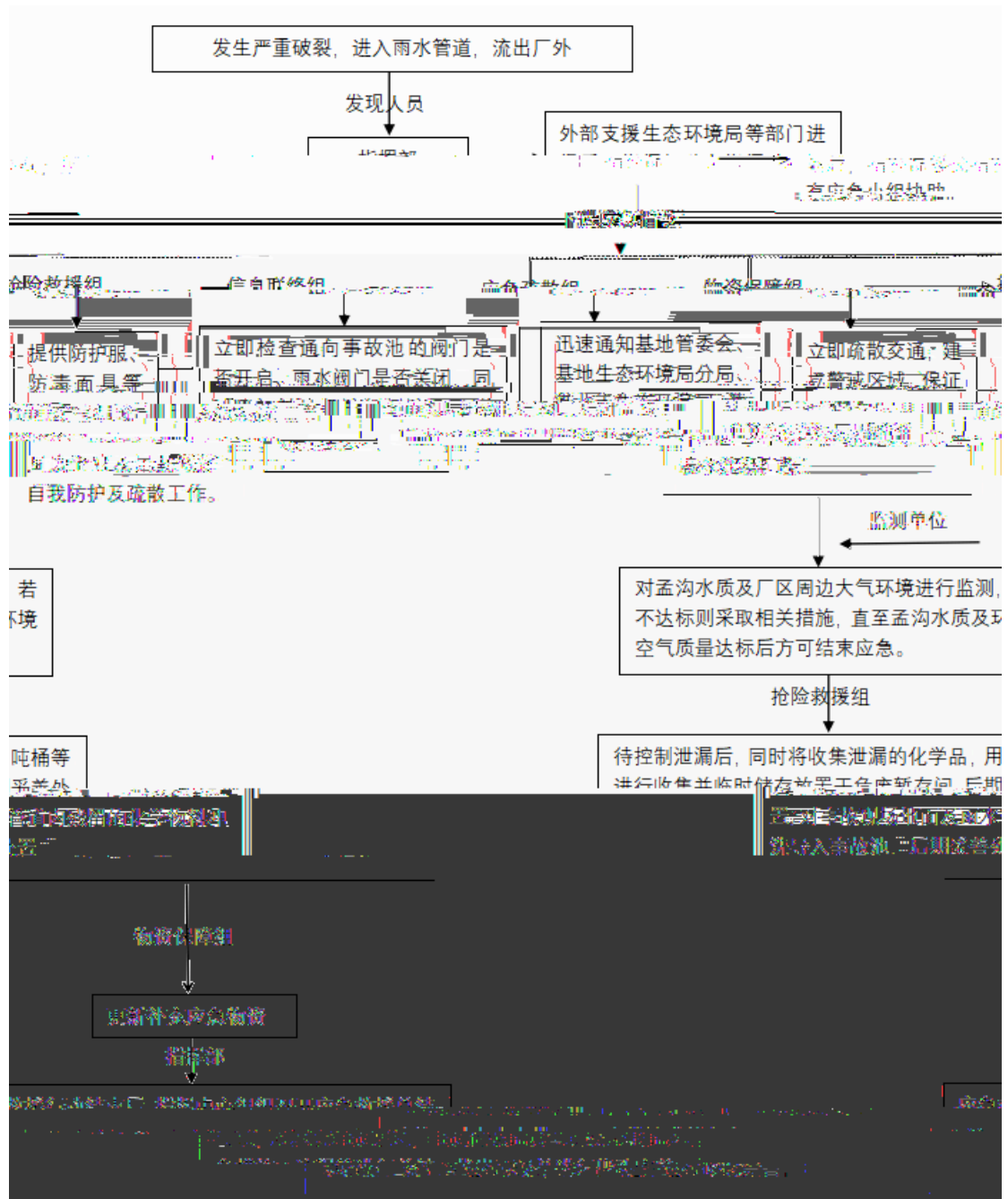
	F		E _u		Ů	H _Đ	
	z	L	Σ	H	Ů	ρ	1
	ĩ	~		~ H	~	Σ	ĩ
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		~		Đ	↑	Đ	~
		Σ	7	~ H	Σ	Ů	~ H
Â							
	z	u	Σ		~	ψ	~
	H	1	~ H	1	γ	Ů	Đ
Đ		k	ĩ	Â		à	~
	^	4			γ	~	~
	γ			o	h	~	1
~	G	η		Ŷ	Â		ĩ
				Â		~	γ
F		ρ			Â		γ
σ	à	7	à	T	Â		~
Â							
2.3.3							
^	1	III					

1~ III 9



III

^ 3~ I 9



$\eta \sim H$ $\dot{\rho} \sim$ $\mathbb{F} \hat{A}$		4 à $\acute{k} \quad \gamma \sim \parallel$	$\bar{G}$
		$\sim \Delta \quad \dot{\mathbf{i}}$	
		5 à $\tilde{H}$	
		6 à $H \lambda \sim$	
	$\sim \grave{a} \quad \grave{a} \gamma \quad \grave{a} \quad \grave{a} \quad \acute{\mathbf{i}}$		
H		1 à $\tilde{\tau} \quad \tau$	
		2 à $\mathbb{F} \quad \tau \quad \tau \quad \gamma \quad \mathfrak{D} \quad \mathfrak{Q} \sim \gamma$	
		3 à $\tau \quad \acute{\mathbf{i}} \sim \quad \circ \ h \sim H$	
		$\hat{A}$	

$\wedge \ 2 \sim \ \grave{\mathbf{n}} \ \mathfrak{F}$

	$\mathfrak{F}$		K_{τ}
$\grave{\mathbf{n}} \ \tilde{U}$ $\tilde{U}$ $\sim$ $\mathfrak{Z}$ $\grave{a}$ $\sim$ $\sim H$ $\Delta \ \Delta$ $\sim$ $\mathbb{F} \ \lambda$ $\gamma \hat{A}$	$\tilde{U}$	$\tau \quad \tilde{U} \quad \mathfrak{F}$	$\tilde{U} \quad \tau$
	$\mathfrak{F}$	$\gamma \quad \dot{\rho} \quad \gamma$	$\tilde{U} \quad \tau$
		$H \ \mathfrak{F}$	
		1 à $\gamma \quad \sim \quad \gamma \sim \bar{G}$	
		2 à $\mathbb{L} \quad \grave{a} \quad \acute{\mathbf{i}}$	$\bar{G}$
		3 à $\gamma \tilde{\tau} \quad \sim \quad \mathfrak{Q} \quad \gamma \quad \sim \quad \tau$	
		4 à $\gamma \quad \sim \quad \acute{k} \sim$	
		5 à $\mathbb{L} \quad \Delta \ H \quad \acute{\mathbf{i}} \sim \parallel$	
		6 à $\gamma \beta \quad \lambda \gamma \ \mathfrak{C} \quad \sim$	$\mathfrak{H}$
		7 à $\tilde{H}$	$\bar{G}$
		8 à $\Psi \sim \quad H \lambda \sim H \quad \sim$	$/ \bullet$
		$\gamma \ \gamma \ \tilde{U} \quad \mathfrak{D} \quad \mathbb{F} \ \mathfrak{b} \quad \acute{k} \quad \dot{\mathbf{i}} \hat{A}$	
H	1 à	$\tau \quad \mathbb{F} \quad \bar{G} \quad \sim \quad \mathfrak{D} \quad \eta \quad \sim \quad \mathfrak{F}$	
	2 à $\circ \ \mathfrak{Z}$	$\mathbb{L} \quad \sim \quad \gamma \ \mathfrak{U} \quad \mathfrak{F}$	
	3 à $\tilde{U} \ H_{\mathfrak{D}} \ \tau \ \mathbb{F}$	$\tau \quad \sim \quad \mathfrak{D} \quad \mathfrak{Q} \sim \gamma$	

F		E _u		Ũ	H _D	
		H	Ų	120	H	Ų
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F		E _u		ü	H _D	
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3 ä	ü H _D T F	ü	ü	120	ü	,



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	5 à	Ǝ	Ǝ	Ǝ	Ǝ
	à	Ǝ	Ǝ	Ǝ	Ǝ

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3.1 H

$\circ \mathfrak{z}^{\circ} \quad \mathfrak{T} \Psi^{\circ} \quad \mathfrak{A} \quad \sim \quad \mathfrak{H} \quad \mathfrak{T}^{\circ} \quad \mathfrak{o} \quad , \quad \circ^{\circ}$
 $\quad , \quad \mathfrak{N}_2 \quad \mathfrak{q} \quad \grave{\mathfrak{a}} \quad \mathfrak{Y} \quad \mathfrak{i} \quad \mathfrak{q} \quad \wedge \quad \mathfrak{q}^{\circ} \quad . \quad , \quad \circ^{\circ}$
 $\quad \grave{\mathfrak{a}} \quad \text{SCR} \quad \mathfrak{T}^{\circ} \quad \mathfrak{q} \quad \hat{\mathfrak{A}} \quad \mathfrak{A} \quad \bar{\mathfrak{w}} \quad \mathfrak{i} \quad \mathfrak{A} \quad \mathfrak{A}$
 $\mathfrak{p} \sim \quad \mathfrak{A} \quad \beta \quad \hat{\mathfrak{A}} \quad \mathfrak{A} \quad \circ^{\circ} \quad \grave{\mathfrak{a}} \quad \mathfrak{A} \quad \mathfrak{U} \quad \grave{\mathfrak{a}} \quad \mathfrak{A}$
 $\mathfrak{T} \quad \mathfrak{G}_{-} \quad \mathfrak{p} \quad \mathfrak{A} \quad \mathfrak{A} \quad \grave{\mathfrak{a}} \quad \sim \quad \mathfrak{A} \quad \hat{\mathfrak{A}}$
 $\wedge \quad 1 \sim \quad \Pi \quad \mathfrak{H}$
 $\mathfrak{A} \quad \mathfrak{A} \quad \mathfrak{p} \quad \mathfrak{U} \quad \mathfrak{A} \quad \mathfrak{T} \quad \mathfrak{U} \quad \sim \quad \sim \quad \sim$
 $\mathfrak{F} \quad \mathfrak{i} \quad \mathfrak{A} \quad \hat{\mathfrak{A}}$
 $\wedge \quad 2 \sim \quad \text{I} \quad \mathfrak{H}$
 $\mathfrak{A} \quad \mathfrak{A} \quad \mathfrak{p} \quad \mathfrak{U} \quad \mathfrak{A} \quad \mathfrak{T} \quad \mathfrak{U} \quad \sim \quad \sim \quad \sim$
 $\sim \quad \mathfrak{G} \quad \mathfrak{b} \quad \mathfrak{G}_{-} \quad \mathfrak{p} \quad \sim \quad \grave{\mathfrak{a}} \quad \mathfrak{q} \quad \mathfrak{A} \quad \sim \quad \bar{\mathfrak{w}}$
 $\mathfrak{U} \quad \mathfrak{F} \quad \mathfrak{U} \quad \mathfrak{U} \quad \sim \quad \mathfrak{F} \quad \mathfrak{i} \sim \quad \mathfrak{U} \quad \hat{\mathfrak{A}}$

3.2

$1 \quad \grave{\mathfrak{a}} \quad \mathfrak{A} \quad \mathfrak{A} \quad \sim \quad \mathfrak{H} \quad \grave{\mathfrak{a}} \quad \mathfrak{g} \quad \hat{\mathfrak{A}}$
 $2 \quad \grave{\mathfrak{a}} \quad \mathfrak{A} \quad \bar{\mathfrak{w}} \quad \mathfrak{r} \quad \mathfrak{p} \sim \quad \mathfrak{p} \quad ,$
 $3 \quad \grave{\mathfrak{a}} \quad \mathfrak{A} \quad \mathfrak{p} \quad \neq \quad \mathfrak{A} \quad \mathfrak{p} \quad ,$
 $4 \quad \grave{\mathfrak{a}} \quad \mathfrak{b}_{-} \quad \mathfrak{p} \quad \bar{\mathfrak{G}} \quad \sim \quad \mathfrak{z} \quad \mathfrak{A} \quad \grave{\mathfrak{a}} \quad \mathfrak{U} \quad \mathfrak{A} \quad ,$
 $5 \quad \grave{\mathfrak{a}} \quad \tilde{\mathfrak{a}} \quad \mathfrak{n} \quad \mathfrak{A} \quad \mathfrak{q} \quad \mathfrak{L} \quad \sim \quad \mathfrak{H} \quad \sim \quad \mathfrak{k} \quad \mathfrak{i}_{-} \quad \hat{\mathfrak{A}}$

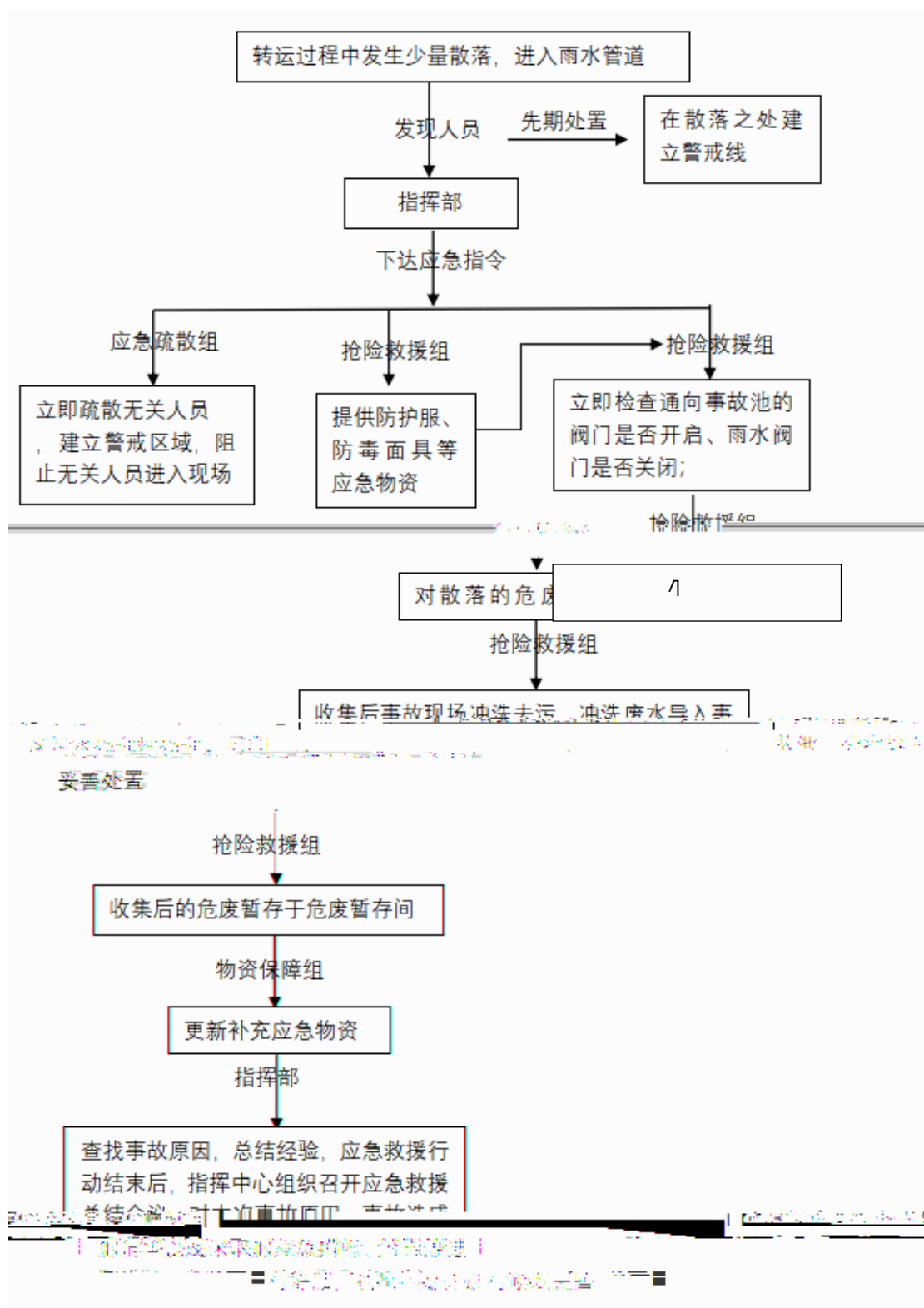
3.3 ف

$\wedge \quad 1 \sim \quad \Pi \quad \mathfrak{f}$
 $\hat{\mathfrak{w}} \quad \mathfrak{U} \quad \mathfrak{A} \quad \mathfrak{X} \sim \quad \mathfrak{U} \quad \mathfrak{p} \quad \mathfrak{A} \quad \mathfrak{U} \quad \mathfrak{H} \quad \sim$
 $\mathfrak{Y} \quad \mathfrak{p} \quad ,$

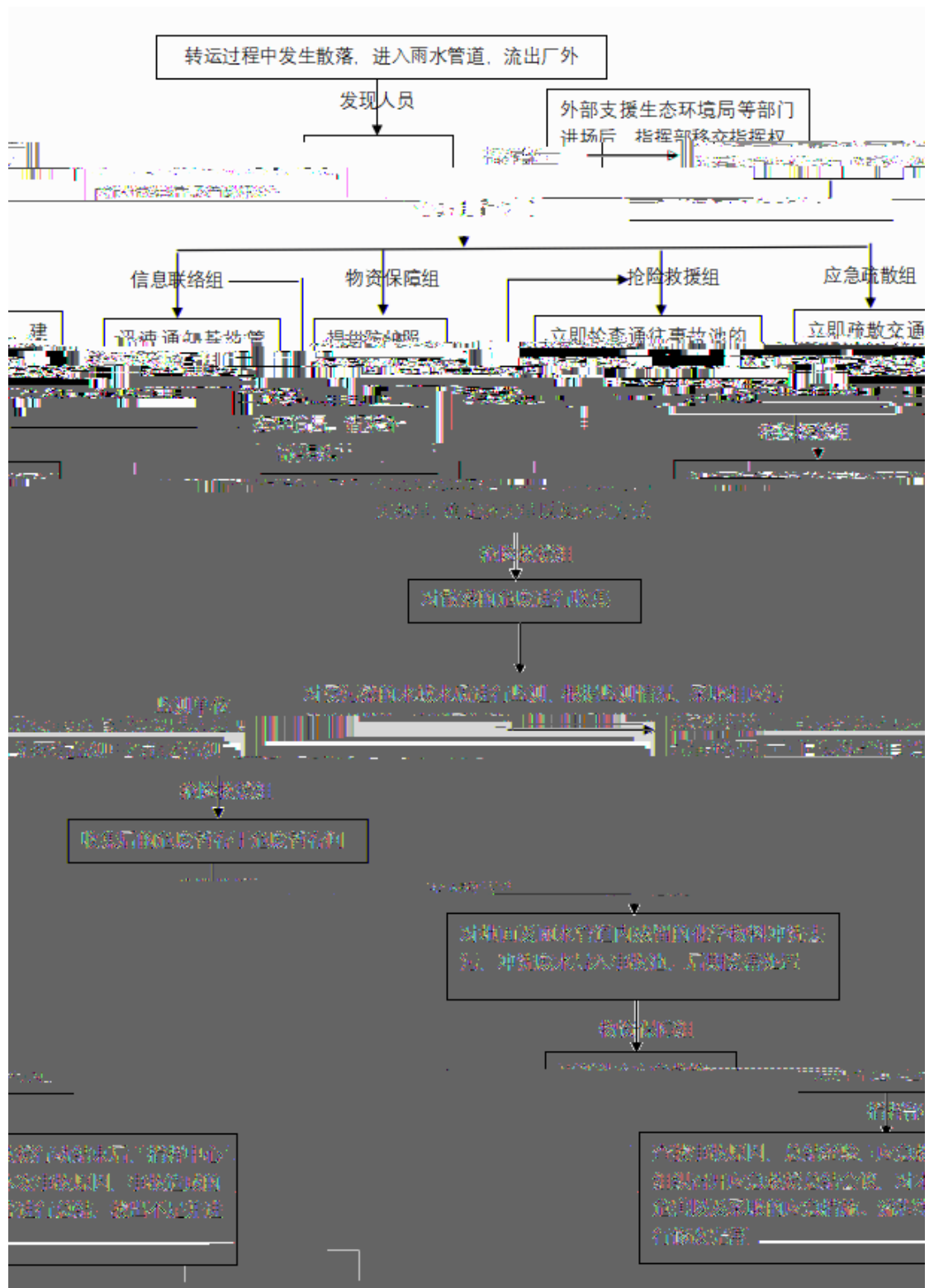
	$\mathbb{F}$	$\mathbb{E}_m$	$\check{U}$	H_D
$\hat{Y}$	η	$\tilde{\tau}_{\frac{1}{2}}^{\text{p.u.}}$	$\eta^{\sim}$	$\tilde{\tau}_{\frac{1}{2}}^{\text{p.u.}} \sim$
$\hat{y} \quad \bar{G}$	$\mathcal{L}$	$\acute{\text{t}} \, \grave{\text{a}} \quad \grave{\text{a}}^{\text{--}}$		,
$\ddot{Y}$	η	$\mathcal{U}H$	$\textcircled{P}$	$\backslash^{\sim}$ $\mathcal{U}$ $\backslash^{\sim} \tilde{\tau}$
$\acute{Z}$			η	$\sim$ η
$H_{\mathcal{L}}^{\sim}$	$\mathcal{A} \, \eta$	$\sim$	η^{∞}	$\sim \mathfrak{b} \quad \grave{\text{a}} \quad \sim$
$\quad \backslash^{\sim} \, \eta$				,
$\acute{z}$		$\mathcal{X}H$	$\parallel \quad \grave{\text{t}}^{\sim} \parallel$	$\sim H \quad \sim \mathcal{X} \quad \mathfrak{z}$
,				
$\dot{Z}$		$\mathcal{X} \, \eta$	$\mathfrak{g} \, \eta$	$\sim$ $\mathcal{T}^{\sim} \quad \mathfrak{b} \, \eta$
$\quad \bar{w} \quad \eta$	$\sim \mathcal{X}$	$\mathcal{X} \, \mathfrak{z}$		,
$\acute{z} \quad \bar{G}$		$\tilde{\mathcal{H}}$		,
$\check{Z} \quad H$	$\mathcal{A}^{\sim}$		$\mathfrak{u} \quad \mathcal{X}^{\sim}$	$\mathcal{T} \quad \approx$
$\Psi^{\sim}$	$H \, \mathcal{A}^{\sim} \, H$	η	$\gamma \, \check{U} \quad \mathfrak{D}$	$\grave{\text{a}}$
$\sim \quad \mathbb{F} \mathfrak{b}$	$\acute{\text{k}} \quad \mathfrak{z} \, \hat{A}$			
$\wedge \, 2^{\sim} \, \mathcal{I} \quad \mathfrak{F}$				
$\quad 1 \, \grave{\text{a}} \, \eta$	η	$\acute{\rho}$	$\check{U} \, \eta$	$\mathcal{T} \, \check{U} \quad \sim \quad \sim$
$\sim \quad \mathbb{F} \, \mathcal{A} \, \eta$				
$\hat{w} \, \check{U} \quad \mathfrak{p.u.}$	$\eta \mathcal{U}$	$\sim$	$\mathfrak{H}$	$\mathfrak{D}^{\sim}$ η
$\mathcal{C}^{\sim}$	$\eta^{\sim}$	$\tilde{\tau}_{\frac{1}{2}}^{\text{p.u.}} \sim$		$\eta \quad \mathcal{U}H$
$\quad \backslash^{\sim}$	$\sim$	$\backslash^{\sim} \tilde{\tau}$	H	$\sim H \quad \sim \mathcal{X} \quad \mathfrak{z} \quad \sim$
$\mathcal{Q}$	$\tilde{\tau}_{\frac{1}{2}}^{\text{p.u.}}$	$\eta^{\sim}$	$\sim$	,
$\hat{Y} \, \mathcal{H}$		$\Psi \, \grave{\text{a}}$	$N_2 \quad \grave{\text{a}} \quad \pi$	$\sim$
,	$\mathcal{C} \quad \mathfrak{f} \quad 0$	$\eta \quad \circ \, \mathfrak{z} \, \check{U}$		,
$\hat{y}$	η	$H_{\mathcal{L}}$	$\sim$	$\gamma \, \check{U}$ $,$
$\ddot{Y} \quad \bar{G}$	$\mathcal{L}$	$\acute{\text{t}} \, \grave{\text{a}} \quad \grave{\text{a}}^{\text{--}}$		,
$\acute{Z}$			η	,
$\acute{z}$		$\mathcal{X}^{\sim}$	$\mathcal{C}^{\sim}$	$\sim \quad \mathfrak{M}$
$\wedge \, \hat{A} \quad 0$		,		
$\dot{Z} \quad 0$		$\sim$	$\sim \quad \mathfrak{D}$	$\sim$

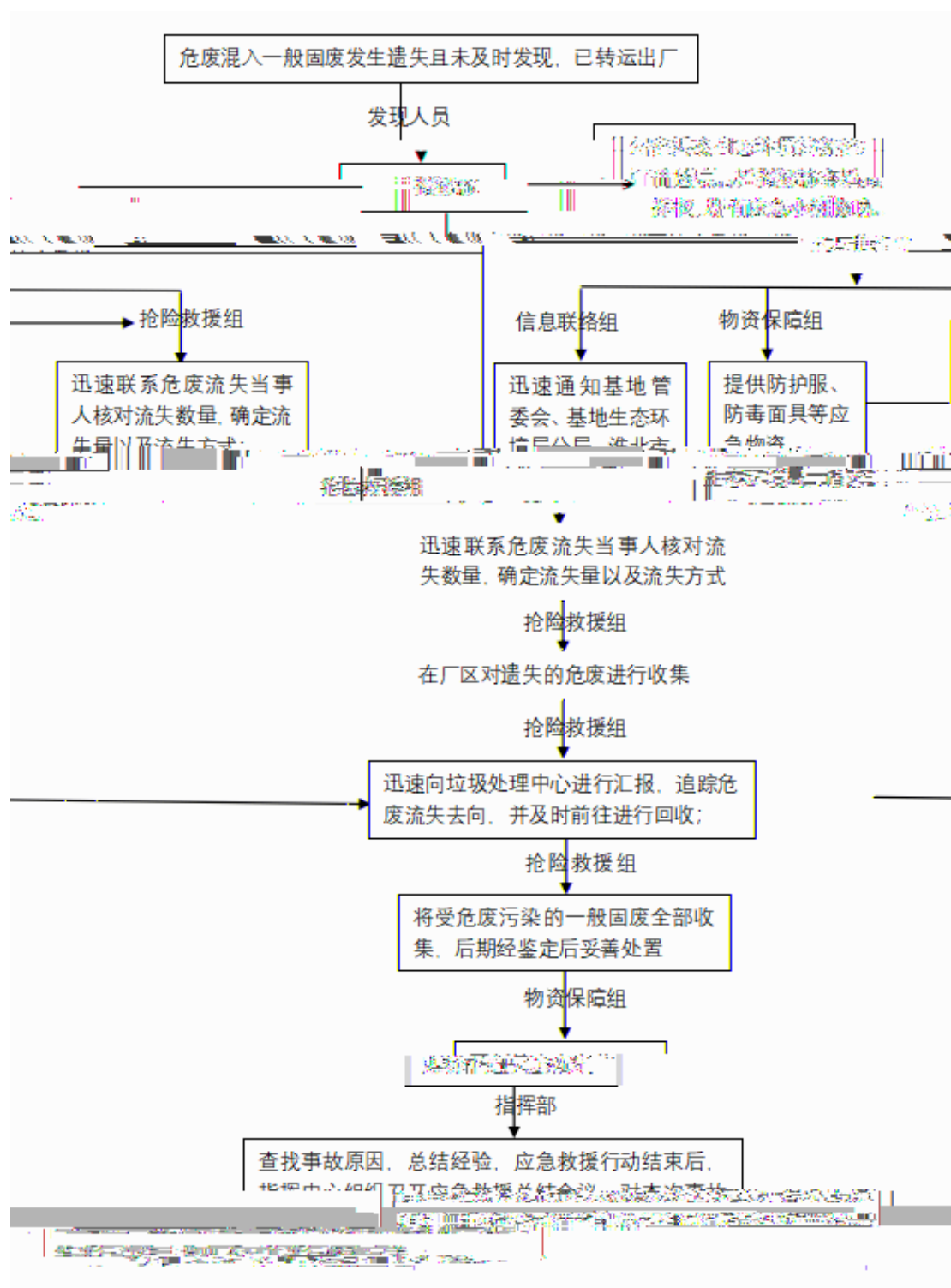
	$\mathbb{F}$	$\mathbb{E}_{\mathbf{u}}$	$\check{\mathbf{U}}$	$\mathbf{H}_{\mathfrak{D}}$	
$\int_0$	γ		,	$\mathbf{F}$	$\mathfrak{b}$
	$\mathbb{T}$		,		$\sim \mathfrak{q} \mathcal{U}$
$\dot{z}$	$\mathbb{X}$	$\mathcal{A}$	$\mathfrak{G} \mathcal{A}$	$\sim$	$o \mathcal{A}$
	$\mathbb{X}$	$\mathfrak{z}$	,		$\bar{\mathbf{w}}$
$\check{Z}$	$\check{\mathbf{U}}$	$\dot{\rho}$	$\mathfrak{l}$	$\parallel$	$\check{\mathfrak{l}} \sim \parallel$
$\mathfrak{z}$	,			$\sim \mathbf{H}$	$\sim \mathbb{X}$
$\check{z}$	$\bar{G}$	$\mathfrak{H}$	$\hat{A}$	$\mathbf{H}$	$\mathcal{A} \sim$
$\mathfrak{f}$	ω				$\mathfrak{u}$

^ 1~ II 9



II

$$\hat{I}^{2\sim} \text{ ف}$$


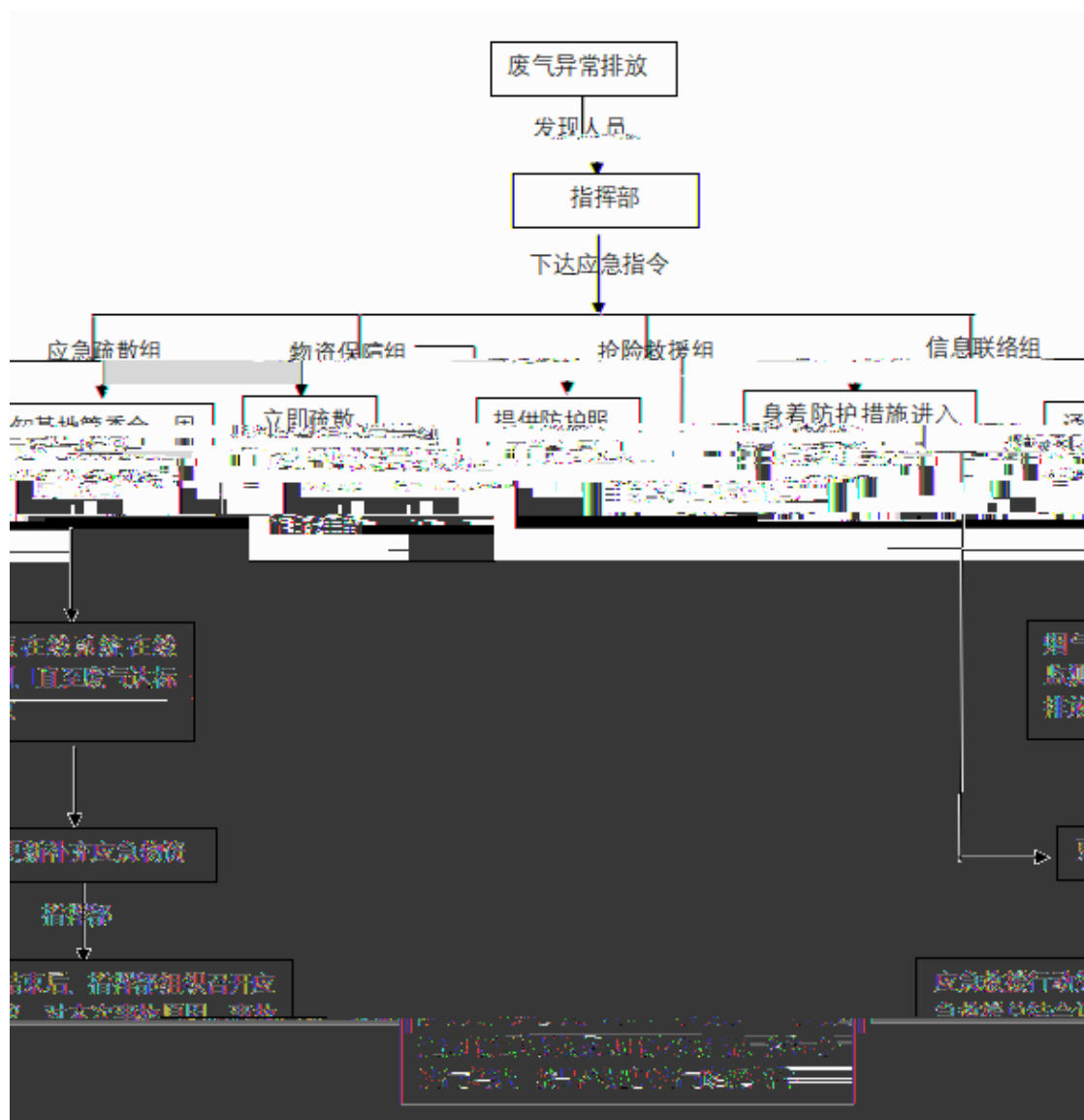


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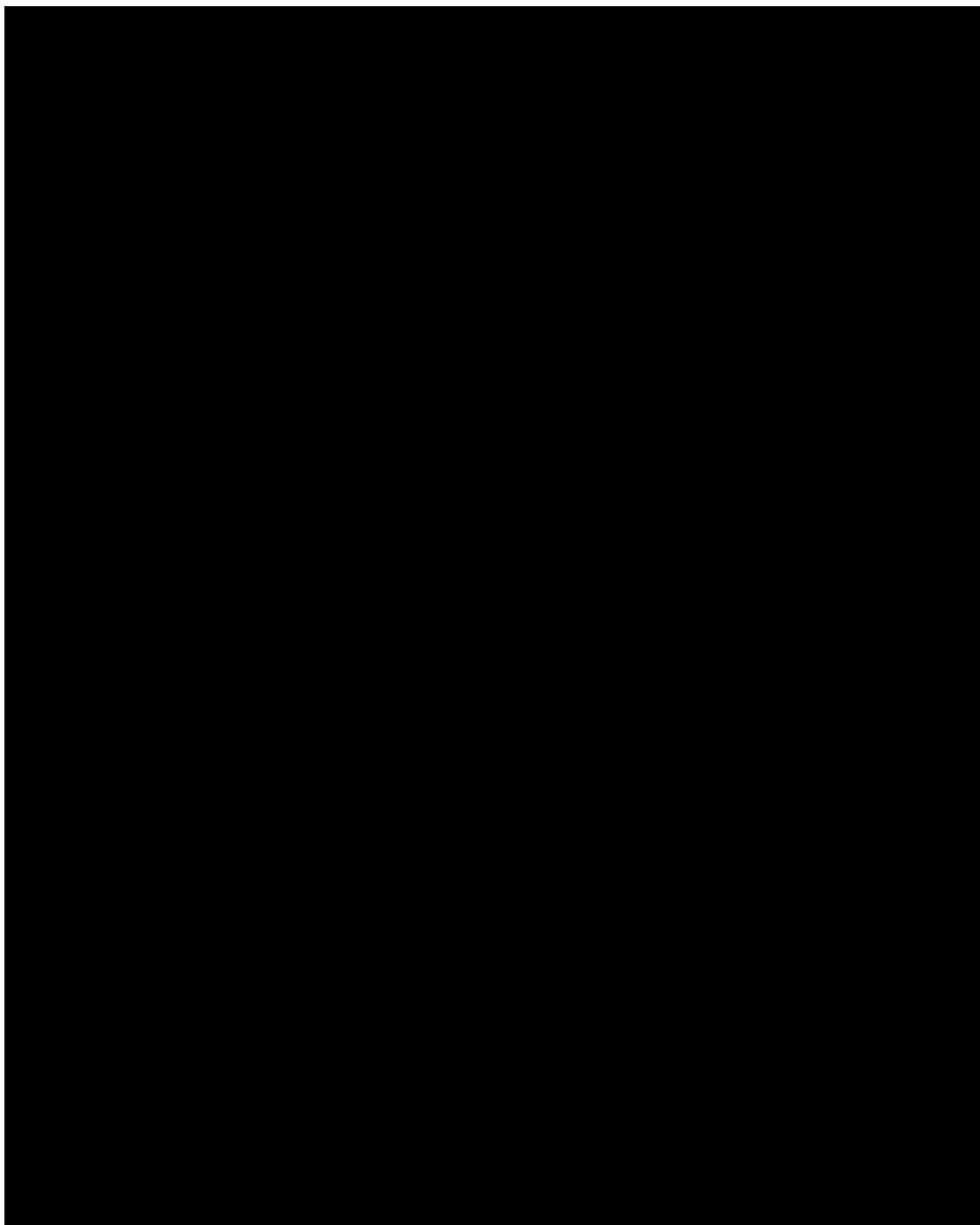
$$\mathbb{F} \qquad \mathbb{E}_u \qquad \check{U} \qquad \mathbb{H} \mathfrak{D}$$

$$\begin{array}{l}
\acute{z} \\
\acute{k}' \\
\acute{z} \text{ H} \qquad \qquad \qquad \Psi \quad \sim \quad \acute{z} \quad \circ \quad \mathfrak{z} \quad \breve{\text{u}} \quad \text{A} \quad \breve{\text{u}} \\
\mathfrak{b} \quad \% \quad ' \\
\acute{z} \text{ H} \qquad \qquad \qquad \gamma \quad \beta \quad \sim \qquad \qquad \qquad \cdot \qquad \qquad \sim \\
\sim \quad \mathfrak{f} \qquad \qquad \qquad , \\
\acute{z} \quad \bar{G} \qquad \qquad \qquad \mathfrak{H} \\
\acute{z} \text{ H} \qquad \qquad \Delta \quad \mathfrak{T} \quad \sim \qquad \qquad \qquad \Psi \quad \sim \qquad \text{H} \quad \mathcal{A} \quad \sim \quad \text{H} \\
\gamma \quad \gamma \quad \breve{\text{u}} \quad \mathfrak{D} \qquad \qquad \qquad \grave{\text{a}} \qquad \qquad \sim \quad \mathfrak{F} \quad \mathfrak{B} \qquad \qquad \acute{k} \quad \mathfrak{i} \quad \hat{A} \\
^{\wedge} \quad 1^{\sim} \quad \bar{w} \quad \mathfrak{D} \\
\hat{w} \quad \circ \quad \mathfrak{z} \qquad \qquad \qquad | \qquad \qquad \varepsilon \quad \grave{\text{a}} \qquad \qquad \sim \quad \bar{w} \quad \breve{\text{u}} \quad \mathfrak{f} \quad \gamma \qquad \qquad , \\
\hat{y} \qquad \qquad \mathfrak{H} \qquad \qquad \mathfrak{D}' \\
\hat{y} \qquad \qquad \gamma \qquad \qquad \mathfrak{f} \quad \mathfrak{f} \quad \mathfrak{b} \quad , \\
\ddot{y} \quad \bar{G} \quad \mathfrak{L} \qquad \qquad \acute{\text{i}} \qquad \qquad , \\
\acute{z} \qquad \qquad \qquad \sim \qquad \qquad \qquad \acute{k}' \\
\acute{z} \text{ H} \qquad \qquad \qquad \gamma \quad \beta \quad \sim \qquad \qquad \qquad \cdot \qquad \qquad \sim \\
\sim \qquad \qquad \qquad \mathfrak{b} \quad \gamma \quad , \qquad \qquad \mathfrak{H} \quad \mathfrak{B} \quad \sim \quad \mathfrak{f} \quad \mathfrak{U} \qquad \qquad \pi \\
\mathfrak{T} \qquad \qquad , \\
\acute{z} \qquad \qquad \mathfrak{H} \qquad \qquad \mathfrak{D}^{\sim} \quad \gamma \quad \hat{A} \quad \infty \quad , \\
\acute{z} \text{ H} \qquad \qquad \qquad \Psi \quad \grave{\text{a}} \qquad \qquad \text{Ne} \quad \grave{\text{a}} \quad \pi \qquad \qquad \sim \\
\qquad \qquad \qquad , \quad \mathfrak{Q} \qquad \qquad \acute{z} \quad \circ \quad \mathfrak{z} \quad \breve{\text{u}} \quad \text{A} \qquad \qquad \breve{\text{u}} \qquad \mathfrak{b} \quad \hat{A} \qquad | \\
\Delta \text{ H} \qquad \qquad \breve{\text{u}} \qquad \qquad , \\
\acute{z} \qquad \qquad \qquad \Delta^{\sim} \qquad \qquad \sim \qquad \qquad \qquad \mathfrak{M} \quad \sim \quad , \\
\acute{z} \qquad \qquad \acute{z} \quad \mathfrak{f} \quad \mathfrak{F} \quad \sim \qquad \qquad \hat{A} \quad \acute{k}' \\
\text{H} \qquad \qquad \qquad \gamma \quad \beta \qquad \qquad \qquad , \quad | \\
\qquad \qquad \rho^{\sim} \quad \mathfrak{f} \qquad \qquad , \qquad \qquad \mathfrak{H} \quad \mathfrak{B} \quad \sim \quad \mathfrak{f} \quad \mathfrak{U} \qquad \qquad \pi \\
\mathfrak{T} \qquad \qquad , \\
\bar{G} \qquad \qquad \qquad \mathfrak{H} \\
\text{H} \qquad \qquad \Delta \quad \mathfrak{T} \quad \sim \qquad \qquad \qquad \Psi \quad \sim \qquad \text{H} \quad \mathcal{A} \quad \sim \quad \text{H} \\
\gamma \quad \gamma \quad \breve{\text{u}} \quad \mathfrak{D} \qquad \qquad \qquad \grave{\text{a}} \qquad \qquad \sim \quad \mathfrak{F} \quad \mathfrak{B} \qquad \qquad \acute{k} \quad \mathfrak{i} \quad \hat{A}
\end{array}$$

^ 1~ 9



$\hat{\cdot} \ 2 \sim \text{I} \quad \text{ف}$



4.4 -1

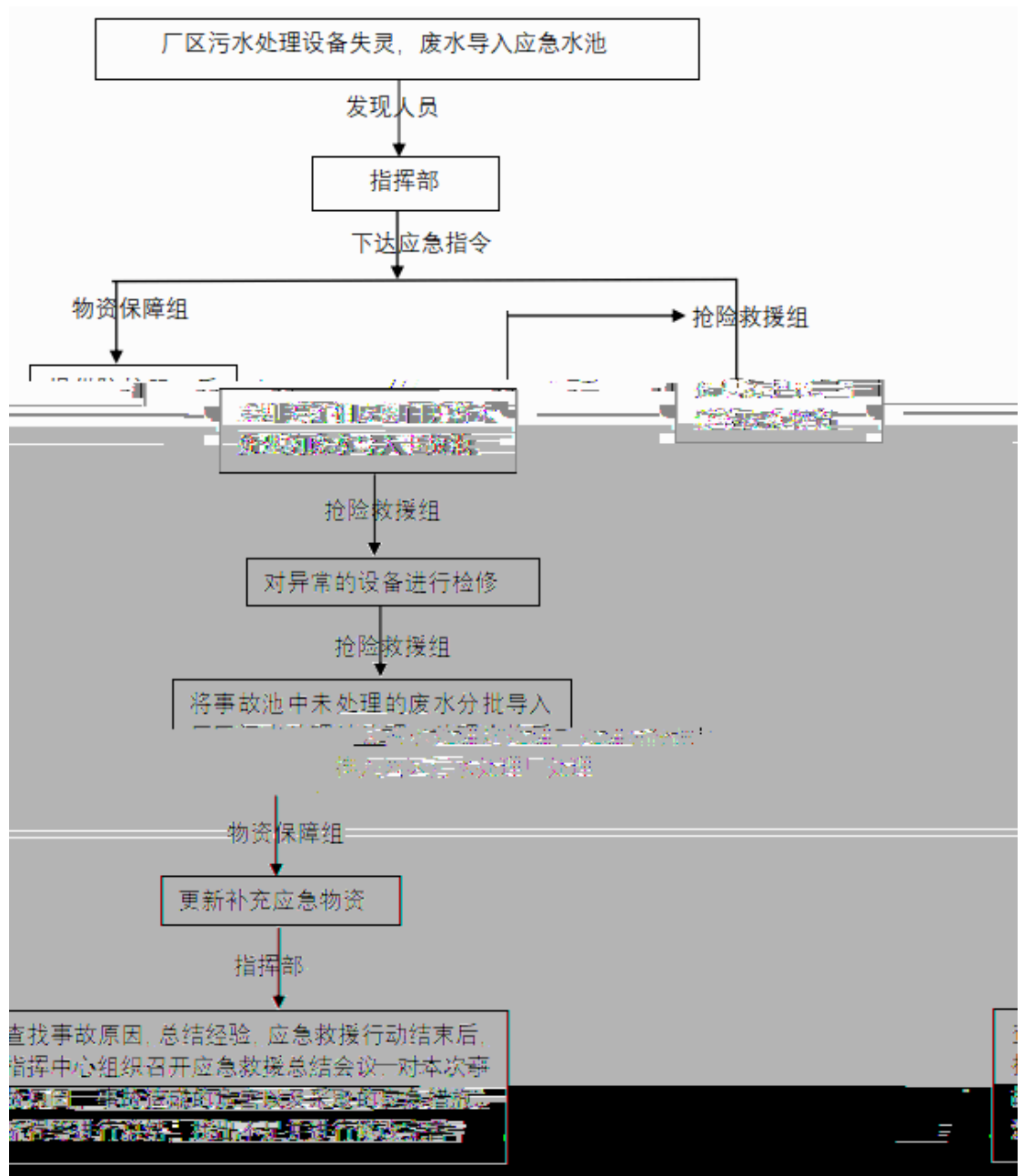
$\hat{\cdot} \ 1 \sim \mathbb{H} \quad \text{ف}$

	F	E _n	H _D
	9		K ₋₁
	Ü	ü	ü
	Ö	Ä	Ü

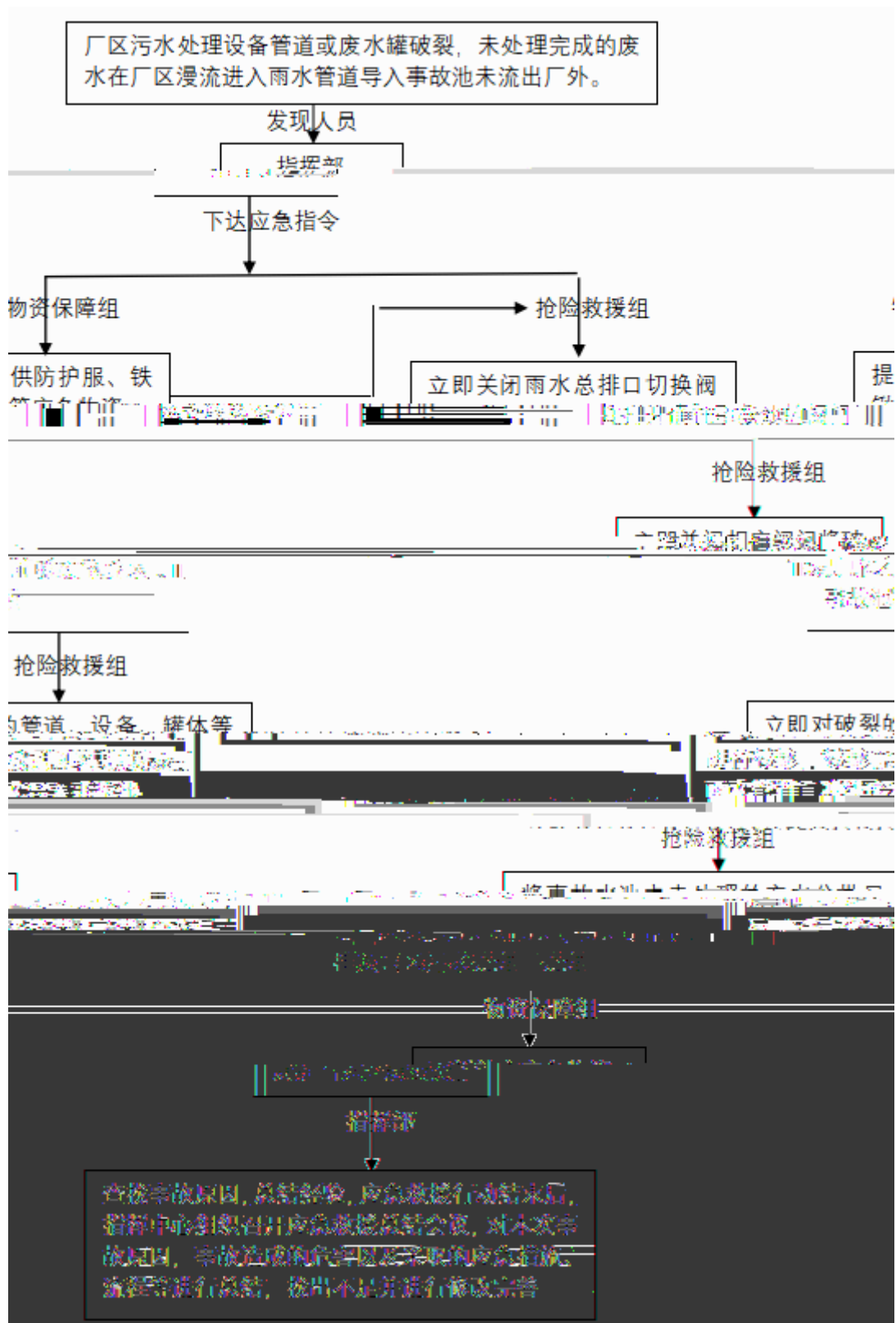
		$\mathfrak{b} \, \mathfrak{q} \, \pi \, \mathfrak{r} \, \mathfrak{b} \, \mathfrak{r} \, \mathfrak{u}$ $\mathfrak{T}$	
		$9 \, \mathfrak{a} \, \mathfrak{c} \, \mathfrak{f} \, \mathfrak{r} \, \mathfrak{A} \, \mathfrak{k}$	
		$10 \, \mathfrak{a} \, \mathfrak{q} \, \beta \, \mathfrak{p}$	H
		$11 \, \mathfrak{a} \, \mathfrak{H}$	G
		$12 \, \mathfrak{a} \, \mathfrak{X} \, \mathfrak{T} \, \mathfrak{H}$ $\mathfrak{p} \, \mathfrak{r} \, \mathfrak{u} \, \mathfrak{a} \, \mathfrak{k} \, \mathfrak{A}$	/
H	1 a	$\mathfrak{T} \, \mathfrak{F} \, \mathfrak{G} \, \mathfrak{u} \, \mathfrak{u} \, \mathfrak{u} \, \mathfrak{u} \, \mathfrak{u}$	$\mathfrak{u} \, \mathfrak{H}$
	2 a o 3	$\mathfrak{L} \, \mathfrak{q} \, \mathfrak{u} \, \mathfrak{u}$	
	3 a	$\mathfrak{k} \, \mathfrak{F} \, \mathfrak{z} \, \mathfrak{u} \, \mathfrak{u} \, \mathfrak{u} \, \mathfrak{u} \, \mathfrak{u}$	$\mathfrak{a}$
	4 a	$\mathfrak{X} \, \mathfrak{u} \, \mathfrak{F} \, \mathfrak{z} \, \mathfrak{u} \, \mathfrak{u} \, \mathfrak{u} \, \mathfrak{u}$	$\mathfrak{a}$

	$\mathbb{F}$	$\mathbb{E}_w$	$\check{0}$	$\mathbb{H} \mathfrak{D}$
$\mathfrak{r}$				
$\acute{z}$	$\bar{G}$			
$\acute{z}$	$\mathfrak{u}$	$\mathfrak{X}^{\sim}$	$\mathfrak{T}$	$\approx$
$\mathcal{A}^{\sim} \mathbb{H}$	$\mathcal{A}$	$\gamma \check{0}$	$\mathfrak{D}$	$\grave{a}$
$\acute{k}$	$\mathfrak{z}$	$\hat{A}$		
$\wedge 2^{\sim}$	$\mathfrak{J}$			
$\hat{w} \mathfrak{I} \mathfrak{A}$				
$\sim$	$\mathfrak{u}$	$\mathcal{A}$	$\mathfrak{Y}$	$\mathfrak{D}'$
$\hat{Y}$	$\bar{G}$	$\mathfrak{L}$	$\grave{a}$	
	$\mathfrak{L}$	$\grave{a}$	$\mathfrak{r}$	
$\hat{y}$	$\mathcal{A}^{\mathfrak{r}}$	$\mathfrak{X}^{\infty}$	$\sim \mathbb{H}$	$\mathbb{P}$
$\sim$	$\mathfrak{A}$			
$\ddot{Y}$		$\grave{a}$	$\grave{a}$	$\mathfrak{r}$
$\check{0}$	$\mathfrak{u}$	$\mathbb{H}$		
$\acute{z}$	$\mathbb{H}$	$\mathfrak{T}$	N_0	$\sim \mathfrak{I} \mathfrak{A}$
	$\mathfrak{u}$	$\mathfrak{u}$	$\mathfrak{I}$	
$\acute{z}$	$\bar{G}$			
$\acute{z}$	$\mathfrak{u}$	$\mathfrak{X}^{\sim}$	$\approx$	
$\mathcal{A}^{\sim} \mathbb{H}$	$\mathcal{A}$	$\gamma \check{0}$	$\mathfrak{D}$	$\grave{a}$
$\acute{k}$	$\mathfrak{z}$	$\hat{A}$		
$\wedge 3^{\sim}$	$\mathfrak{J}$			
$\hat{w}$				
$\mathfrak{X}$	$\mathfrak{F} \mathfrak{I}$	$\mathfrak{u}$	$\mathcal{A}$	$\mathfrak{Y}$
$\hat{Y}$	$\bar{G}$	$\mathfrak{L}$	$\grave{a}$	
$\mathbb{P}$	$\mathfrak{L}$	$\mathfrak{u}$	$\mathbb{H}$	$\mathbb{P}$
∞	$\mathfrak{Q}$	$\mathfrak{u}$	$\bar{w}$	$\mathfrak{r}$
$\hat{y}$	$\mathbb{H}$	$\Psi \grave{a}$	N_0	$\grave{a}^{\pi}$
		N_0	$\grave{a}^{\pi}$	
		$\mathfrak{M}$	$\wedge$	
$\ddot{Y}$		$\mathfrak{r}$	$\acute{k}^{\sim} \mathfrak{X}$	$\mathbb{H}$

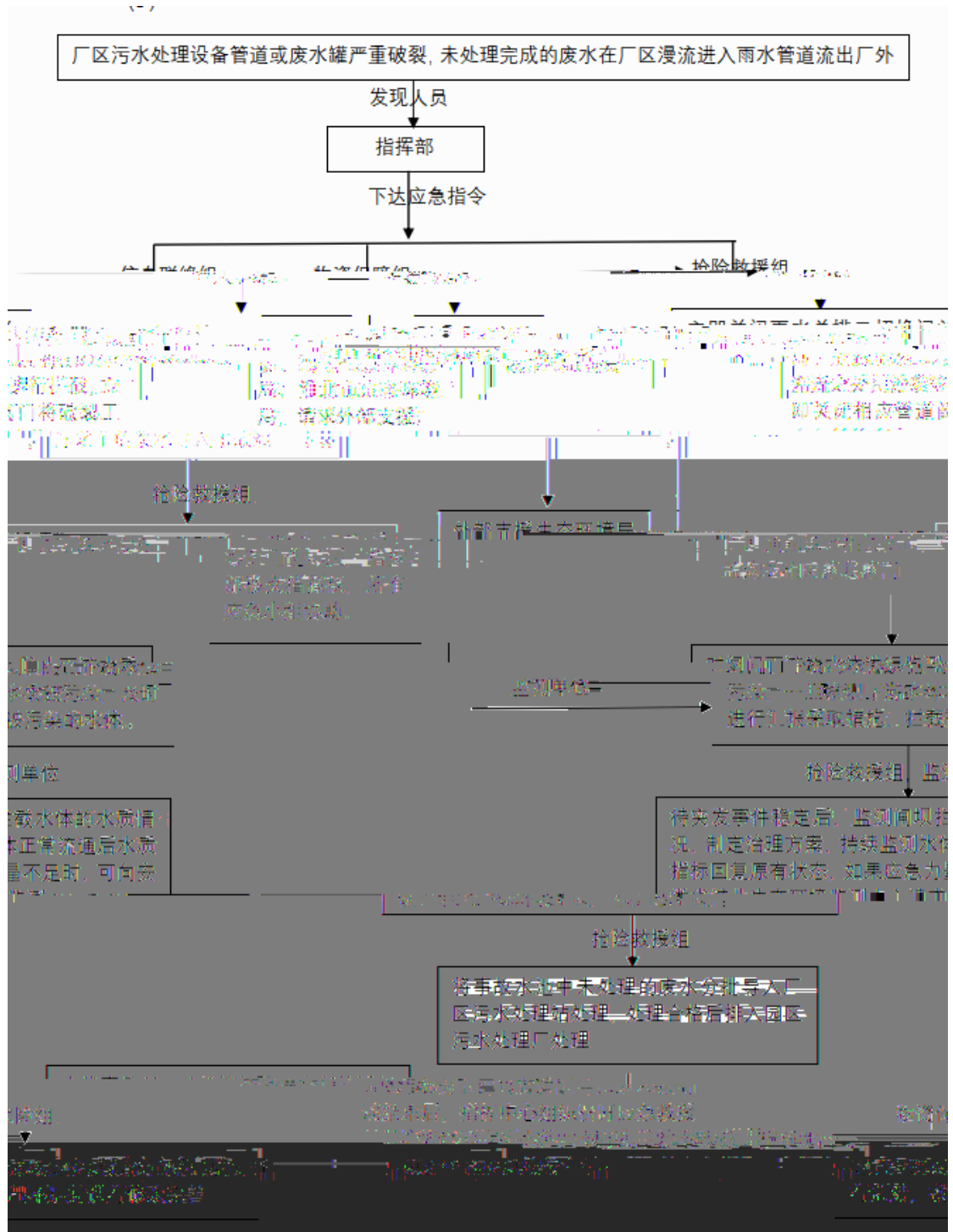
(1) 9



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ف 3~ ^



$$\mathbb{F} \qquad \mathbb{E}_u \qquad \check{U} \qquad \mathbb{H} \mathfrak{D}$$

6 ъ Ѣ F

6.1 H_U

$$\begin{array}{ccccccc} \tilde{U} & & \sim & \wedge & 1 & \text{س} & \Psi & & \tilde{v} & \text{Й} & & ', \sim & \wedge \\ & & & & & & & & & & & & \\ & & \wedge & & \sim & & & & \tilde{v} & \text{Й} & & \hat{A} \end{array}$$
$$\hat{1} \sim I \quad \mathbb{H}$$

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 Â

 $\hat{A}$

6.2

$$1 \stackrel{\sim}{\leftarrow} \Gamma \stackrel{\sim}{\rightarrow} U^{\vee}, \quad \tau = \tau_{\Gamma}^{-1} \circ \tau_U, \quad \check{v}_k = k^{\vee},$$

2 ä || ☼ Ⓞ ä ö Ꞥ

3. $\ddot{a} = \ddot{A} \cdot \frac{r}{R}$ $\frac{r}{R} = \frac{1}{2}$ $\ddot{a} = \frac{1}{2} \ddot{A}$ $\ddot{a} = \frac{1}{2} \cdot 10 \frac{m}{s^2} = 5 \frac{m}{s^2}$

$$4 \tilde{a} \quad \tilde{U} \quad , \quad \tilde{G} \quad \tilde{W} \quad \tilde{L} \quad ,$$

a b'

5 ä Ů ů ˇ ƒ , ů k´

$$6 \text{ à } \check{u} \quad \text{à } N_0 \quad Q \quad ,$$

7 à 1 1 ŭ à Ў Â

6.3 ف

ف 1~ ^

[illegible]
$$\hat{Y} = \bar{G} + L \frac{\ddot{a} - \ddot{a}'}{\ddot{a}}, \quad \eta$$

$\Gamma_1 = \bar{w}^{\vee}$

w ò Ÿ à Â ₣ Ъ ~ ꞑ Ѯ ¨

T ,

$$\hat{y}_H = \Psi^{-1} \hat{a} = N_0^{-1} \hat{a} = \bar{y}$$
$$N_0 \rightarrow \pi \int \mathcal{D} \tilde{\chi}$$
[illegible]

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6.4-1

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	۞ ä ۞		
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7.4 $\mathbb{b} \mathbb{A} \mathbb{I}$

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 $\neg$
 Ψ
 $\sim$
 $\vdots$
 $\mathbb{A}$

$\bar{G}$
 $\mathbb{E}$
 Λ
 $\neg$
 $\tilde{a}$
 $\mathbb{b}$
 Ψ
 $\mathfrak{C}$
 $\mathbb{b}$
 $\mathbb{F}$
 $\mathbb{U}$
 $\sim$
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$\neg$
 $\sim$
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 $\sim$
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 $\sim$
 $\vdots$

$\prime$
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$\wedge$
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 $\sim$
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 μ

π
 $\sim$
 $\mathbb{E}_n$
 $\mathbb{I}$
 $\bar{w}$
 $\sim$
 N_2
 $\mathbb{L}$

	$\mathbb{F}$	$\mathbb{E}_{\text{u}}$	$\check{\mathbb{U}}$	$\mathbb{H} \mathbb{D}$
7-1		$\mathfrak{f}$	$\mathfrak{r}$	$\mathfrak{b}^{\mathfrak{r}}$

7.6 $\mathfrak{f}$ $\mathbb{L}$

7.6.1 $\mathfrak{r}$

$\mathfrak{q} \bar{G}$ $\vdots$ $\sim$ $\mathbb{F}$ $\mathbb{E}_{\text{u}}$
 $\wedge$ $\mathfrak{r} \mathfrak{Y}$ $\mathfrak{r}$ $\mathbb{L} \sim \hat{A}$
 $\mathfrak{r}$

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^ 2~ ق Ā ‘ Ǻ~ “ ق ‘ ‘E
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7.7.2 Nə
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~ Ā Hu ŭ ‘ Ǻ Ǻ Ā
‘ AQI Ǻ 200 2 ŭ Ǻ Ƒ | ≠
Đ ‘ AQI Ǻ 200 3 ~ Ƒ Ƒ AQI Ǻ 300
, ,
‘ AQI Ǻ 200 4 ŭ Ǻ~ Ƒ AQI Ǻ 300
2 ŭ Ǻ~ AQI Ǻ | 500 1 ŭ Ǻ Ā

7.7.3 Đ
‘ Ƒ Ƒ AQI Ǻ 200 2 ŭ Ǻ Ƒ |
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‘ Ƒ Ƒ AQI Ǻ 200 3 ~ Ƒ Ƒ AQI
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Ǻ 300 2 ŭ Ǻ~ AQI Ǻ | 500 1 ŭ
Ǻ Đ Đ ≠ G Ā

7.7.4 H ŭ
| “ ق ‘ ‘E ŭ H ~ ٥ 3 Ǻ ⊥
p ŭ H ~ E_u ق b Ā

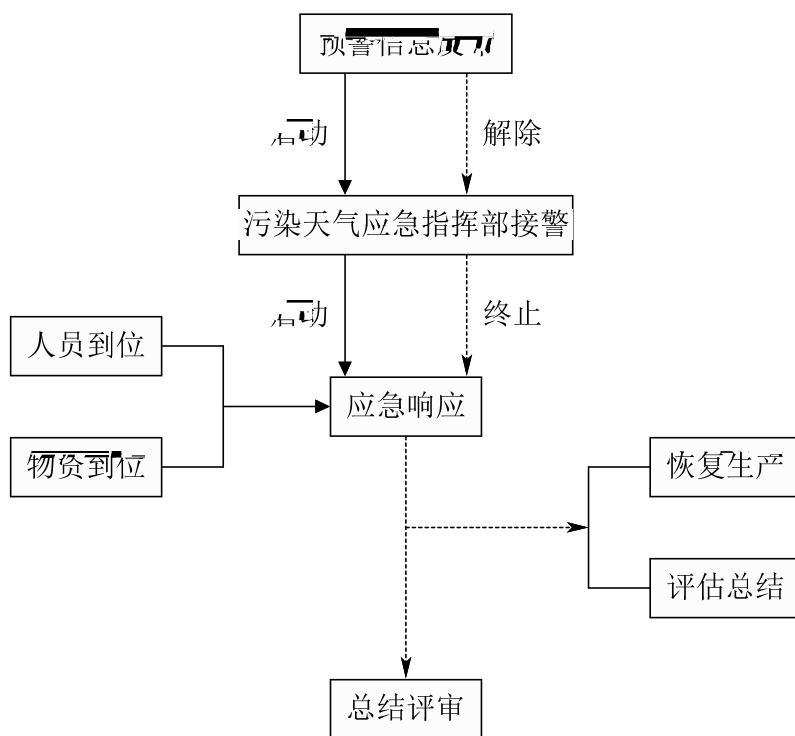
7.7.5
~ ~ i à
r ~ i Ǻ = Ā Ǻ : ŭ ~ ‘E_u “
à || L” Ǻ ↑ b T A ‘E_u p
b~ i r Ǻ ‘
^ 1~ Ǻ L ‘E_u ~ ê “
İ ŭ k i ‘

	F	E _u	Ũ	H _Đ
2 [~]	γ ₂₄	Ḡ		≡ à
3 [~]	ι	Δ _Δ Ā ĩ t		đ %
4 [~]	ι θ ₆		h _r κ [~]	
5 [~]	ι	Δ		đ [~] G
6 [~]	E [⋄]	H̄ E _u H N ₂ T [~] Ũ		
7 [~]	∞			à [~]
8 [~]	E [⋄]	D q̃ [~] ∴	∫ β	
	ϭ	Â		

7.8 ƒ

7.8.1 ƒ

ι	đ	η	F	E _u ƒ ρ
	đ [~]		đ	∫ π
ƒ [⋄] E	ƒ t _u	H̄ X [~]	ƒ Ũ	ι t _u ƒ Ƶ Â
θ H̄		đ	Ũ Â	
ƒ ĩ t	đ %			
đ đ				T



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$$E_{\text{eff}} = E_0 + \frac{\alpha}{2} \left(\frac{E_0}{E_c} \right)^2$$

7.8.5 ف

7.8.5.1 $\mathbb{D}$

1 $\mathfrak{f}$ $\int$ π $\mathfrak{f}$ ^{1} $\mathbb{E}$ $\mathfrak{U}$

2 $\mathfrak{f}$ $\hat{A}$

7.8.5.2

1 9 6 4 5

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ŵ 7 8 9

H X̃ 9 ŷ

$$\begin{aligned} \hat{Y} &= \hat{A}^{\alpha\beta} \hat{Y}_{\alpha\beta} \\ \hat{y} &= \hat{L}_{\alpha\beta} \hat{y}^{\alpha\beta} \end{aligned}$$

7-2 Д Й 99 55

№	Условие	Результат	Примечание
1	Условие 1: Проверка на наличие ошибок в тексте. Условие 2: Проверка на наличие ошибок в тексте.		
2	Условие 1: Проверка на наличие ошибок в тексте. Условие 2: Проверка на наличие ошибок в тексте.		
3	Условие 1: Проверка на наличие ошибок в тексте. Условие 2: Проверка на наличие ошибок в тексте.		

7.8.6 E

$$\begin{array}{l}
 1 \\
 \mathfrak{b} \hat{A} \quad \mathbb{E} \quad \mathfrak{u} \quad \mathfrak{Y}^{\cdot} \\
 \hat{\quad} 1^{\sim} \quad \mathfrak{C} \quad \mathfrak{b} \quad , \\
 \hat{\quad} 2^{\sim} \quad \mathbb{F} \quad \mathbb{H} \quad \gamma \mathfrak{Y} \dot{\rho} \quad ' \\
 \hat{W} \mathbb{H} \mathbb{D} \quad , \\
 \hat{Y} \quad \mathbb{K}^{\neg} \quad \mathfrak{U} \quad \mathbb{N}_{\mathbb{Q}} \mathbb{K}^{\neg} \quad , , \\
 \hat{\quad} 3^{\sim} \quad \mathfrak{D} \quad \vdots \quad \mathfrak{b} \quad \backslash \quad ,
 \end{array}$$

7.9.3 o E Λ

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7.10.1 ı F Ḡ

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ı Â

7.10.2 ı F Ḡ

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ı Â

7.10.4 ı F Ḡ

7.10.6 $\eta \bar{G}$

$$\begin{array}{ccccccc} \mathbb{E}_n & & \mathfrak{F} & \wedge & \dots \sim^{ap} & \mathfrak{A} & \sim^{ap} \\ & & & \vee & \sim & \bar{G} & \\ F & & \mathfrak{H}_\tau & & & \mathfrak{H} & \hat{A} \end{array}$$

7.10.7 $D \bar{G}$

[illegible]

7.11

7.11.1

$$\begin{array}{ccccccc} \mathbb{E}_n & \tilde{a} \, \eta & & \mathfrak{f} & \mathfrak{b} & L & \mathfrak{f} \\ \mathfrak{b} & N_2 & \sim & L & \frac{7}{8} \sim & \dot{\rho} & \mathfrak{t} & \sim \\ \sim & \bar{G} & & \hat{A} & & & & \end{array}$$

7.11.2

5 Ç ă 2 2

