	“ ” 	´
	“ ”	

“ ”

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1

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“ ”

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“ ”

2

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3

4 “ ”

“ ”

1 “ ”

“

”

“ ”

1

1.1

1.2

1.2.1

1.2.2

“ ”

“ ”

“ ”

1.2.3

1.2.5

1.3

1.3.1

1.3-1

1.3-2

1.3.2

1.3-3

1.4

1.4.1

1

2

4

1.4-4 GB3096-2008 dB(A)

5

1.4-5 mg/kg

1.4.3

1

1.4-9 **dB A**

4

1.5

1.5.1

1.5.1.1

1

—— ×

2 AERSCREEN

1.5-3

		X (m)	Y (m)	/m	(m)	(m)	(m/s)		h	(kg/h)					
										PM_{10}	$PM_{2.5}$		TVOC		MDI

1.5-4

		X (m)	Y (m)	(m)	(m)	(m)	/°	m	h		kg/h					
											PM_{10}	$PM_{2.5}$		TVOC		MDI

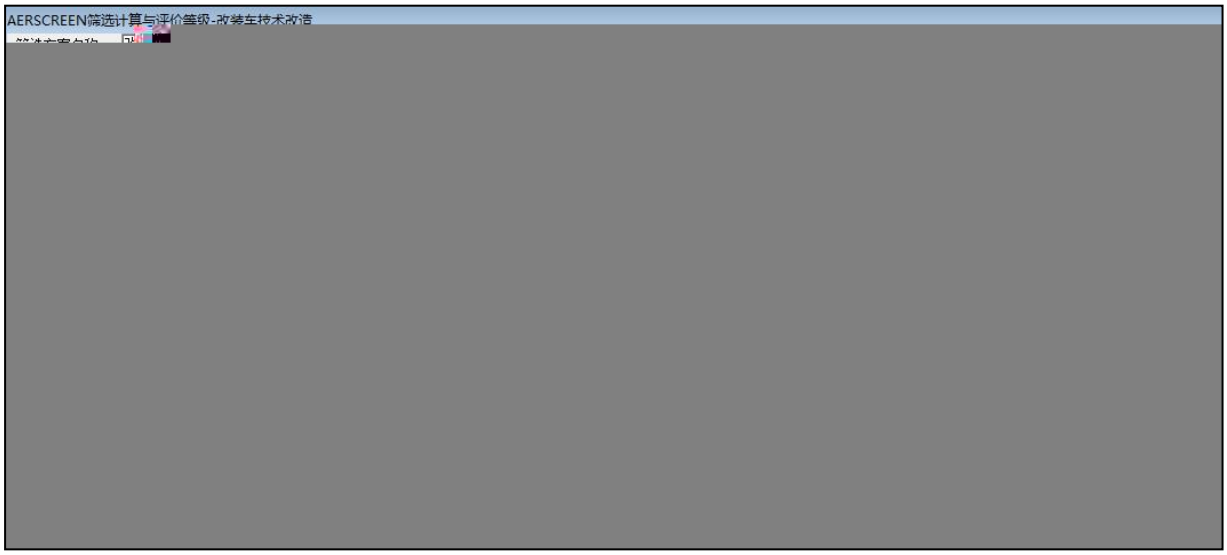
3 AERSCREEN

1.5-5 AERSCREEN PM_{10} $PM_{2.5}$

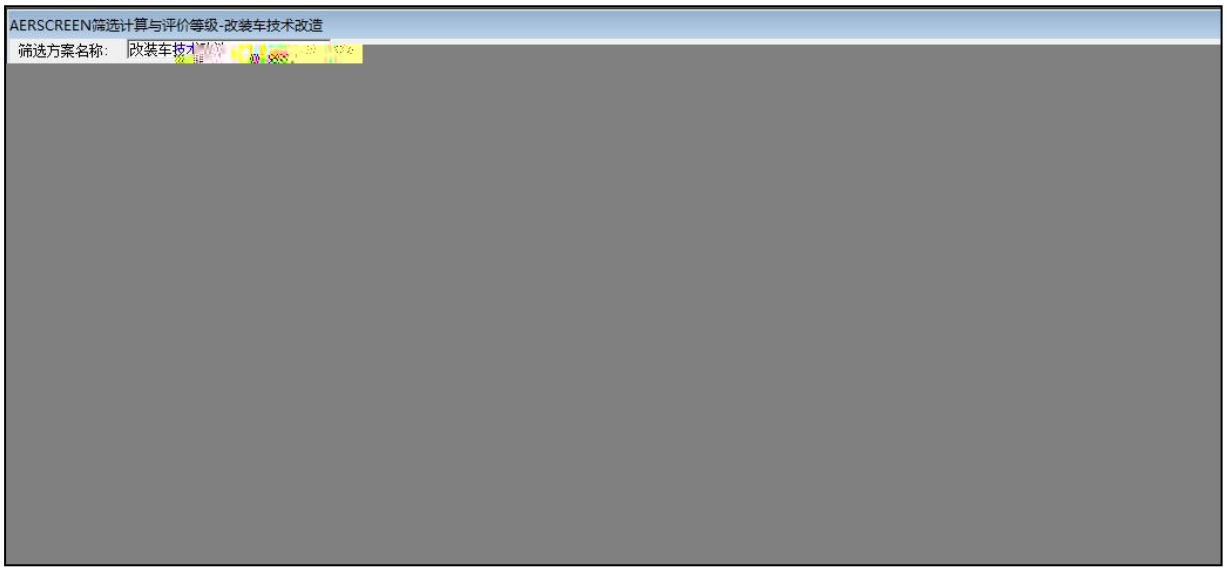
		PM_{10}				$PM_{2.5}$							

1.5-6 AERSCREEN TVOC MDI

		TVOC								MDI			



1.5-1 1h



1.5-2 1h

4

1.5-7

1.5.1.2

1.5-6

		Q/ m^3/d W/
		≥ ≥

1.5.1.3

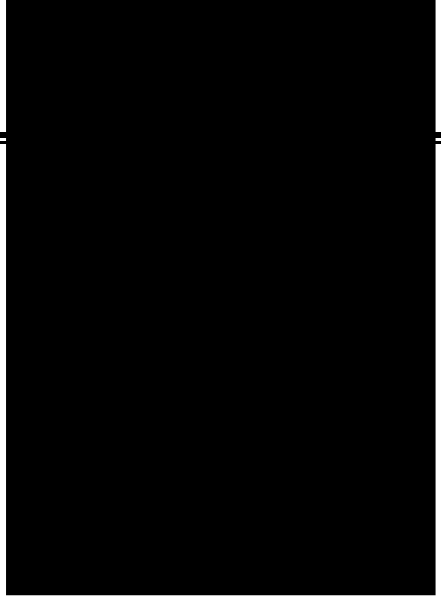
“ ”

“ ”

1.5-7

1.5-8

1.5.1.4



1.5.1.5

“

$$= \frac{}{Q} + \frac{q}{} + \quad \frac{q_n}{Q_n}$$

1.5-11 **Q**

≈ ≈

1.5-12 M

1.5-13 P

≥				

2 E

1.5-14

1.5-17

1.5-18

“ ”		

1.5-19

1.5-20

3

1.5-21

4

1.5-22

1.5.1.7

1

1.5-24

6

7

1.6

1.6-1

1.7

1.7.1 2014-2030

1

2

“ ”

“ ”

“ ”

“ ”

1.7.2 **2014-2030**

1.7-1

2

2.1

2.1.1

2.1.1.1

2.1-1 /

2.1.1.2

2.1-2

2.1.1.3

2.1-3

		“ ”

	_____	_____
	____	_____
		_____ _____
		_____ _____
		_____ _____

2.1.1.4

“ ”

1

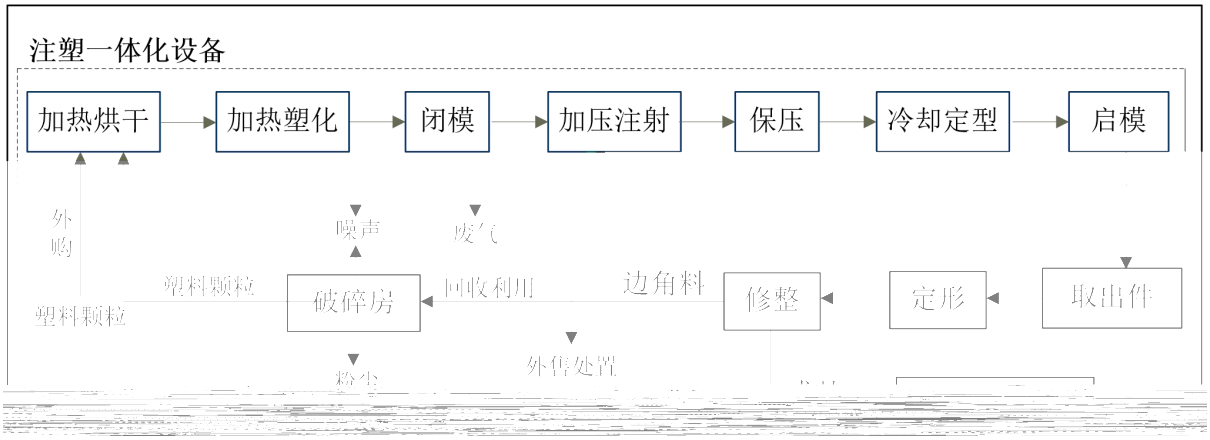
2

3

2.1.2

2.1.2.1

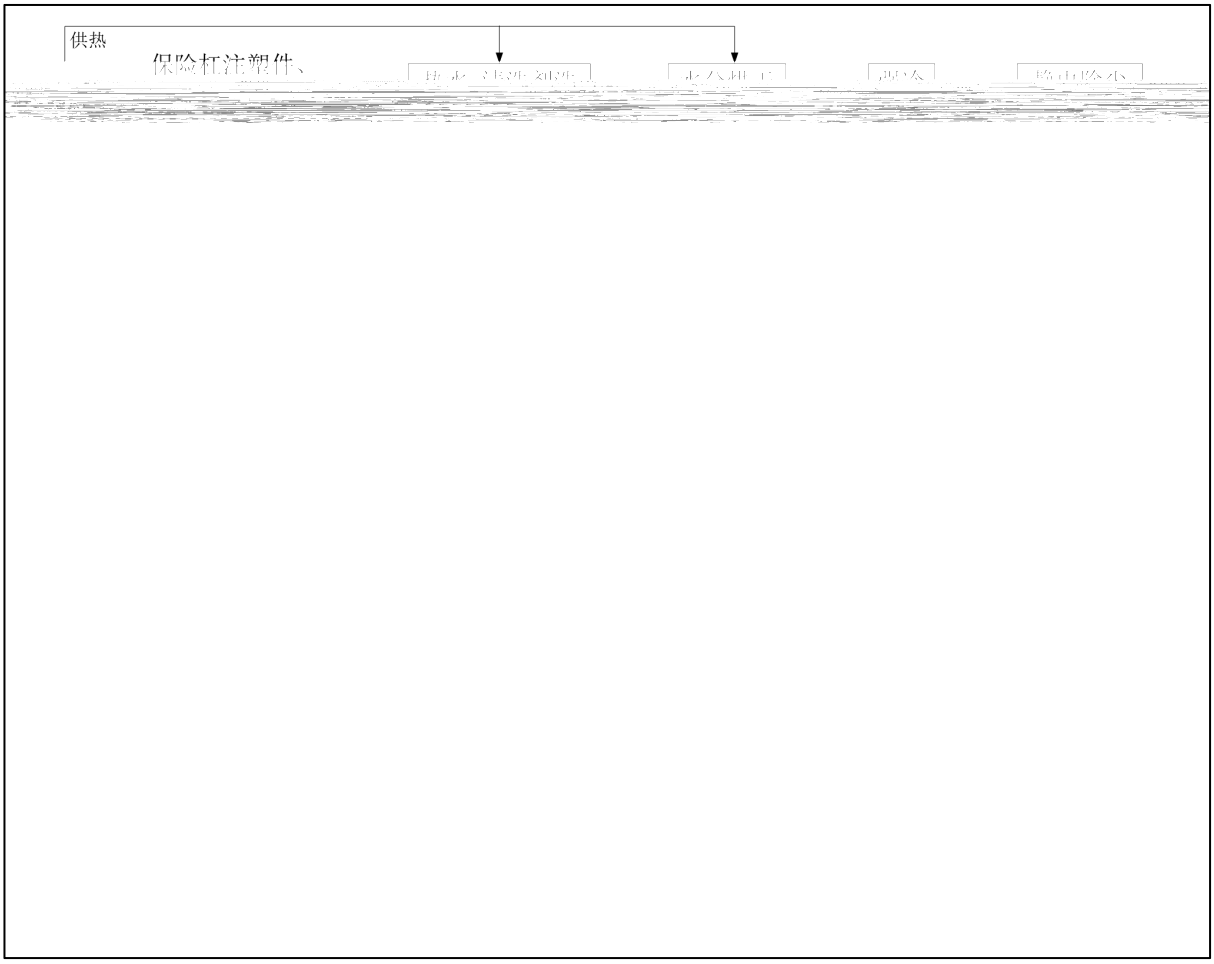
1


注塑一体化设备
加热烘干
加热塑化
闭模
加压注射
保压
冷却定型
启模
外购
噪声
废气
塑料颗粒
破碎房
回收利用
边角料
修整
定形
取出件
塑料颗粒
粉尘
外售处置

2.1-1

2.1-4

2

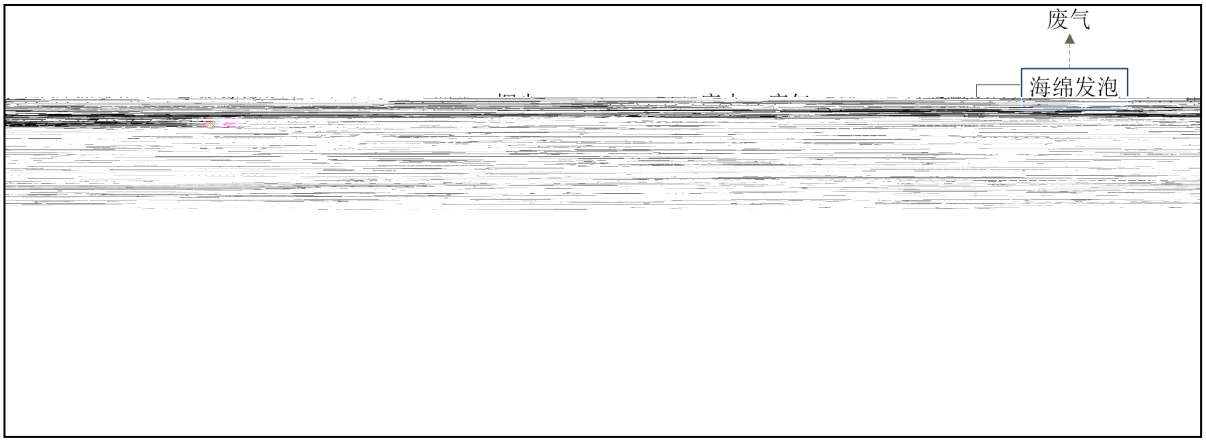


2.1-2

2.1-5

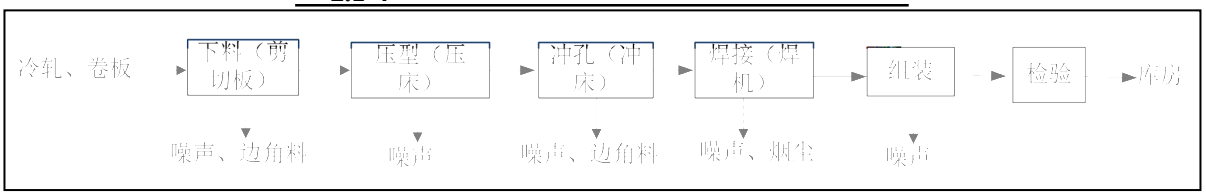
3

2.1.4.2



2.1-3

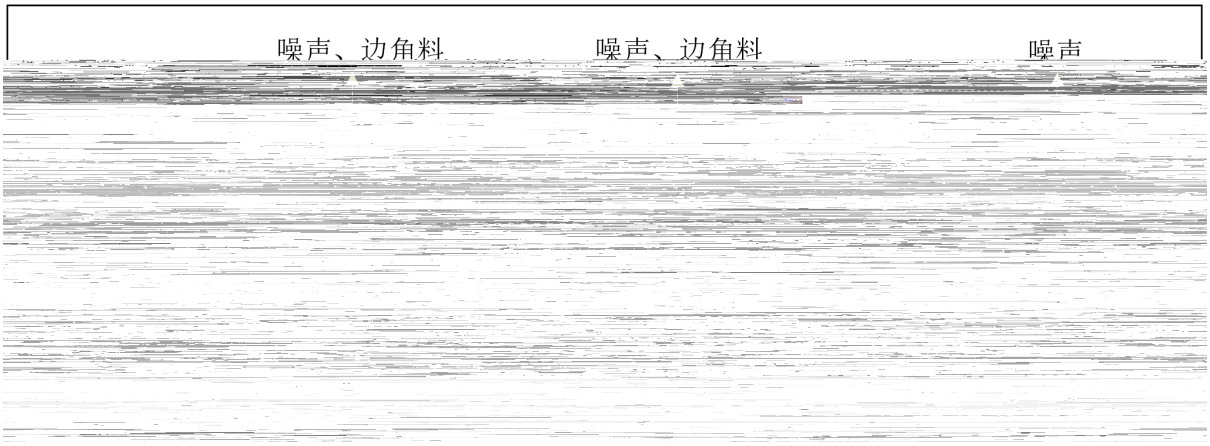
2.1-4



2.1-5

2.1-6

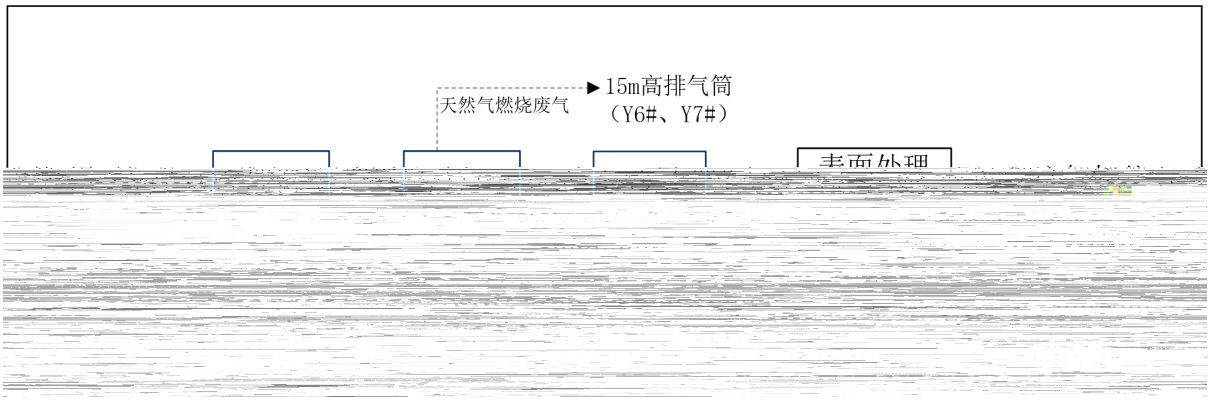
2.1.4.3



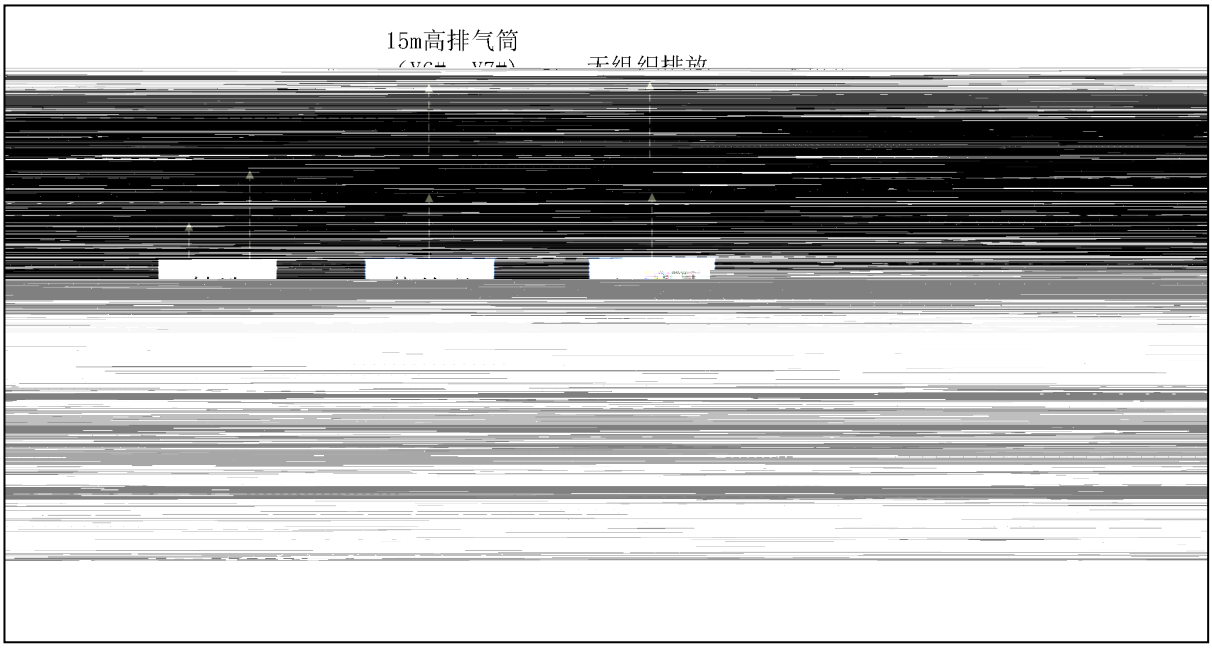
2.1-6

2.1-7

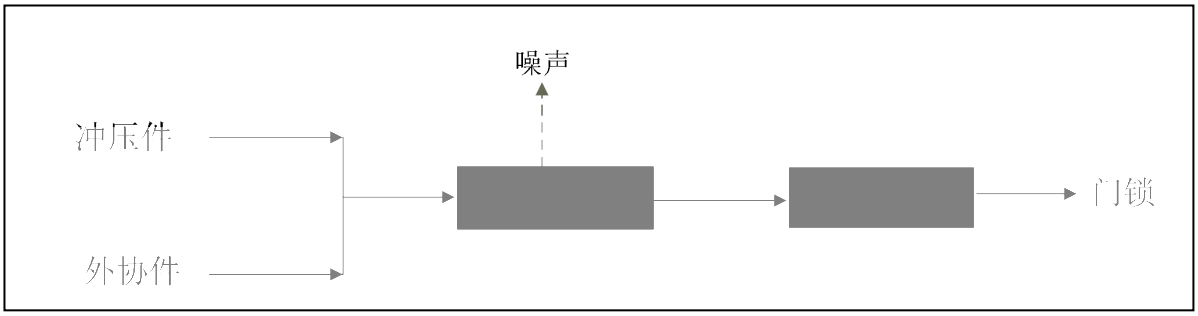
2.1.4.4



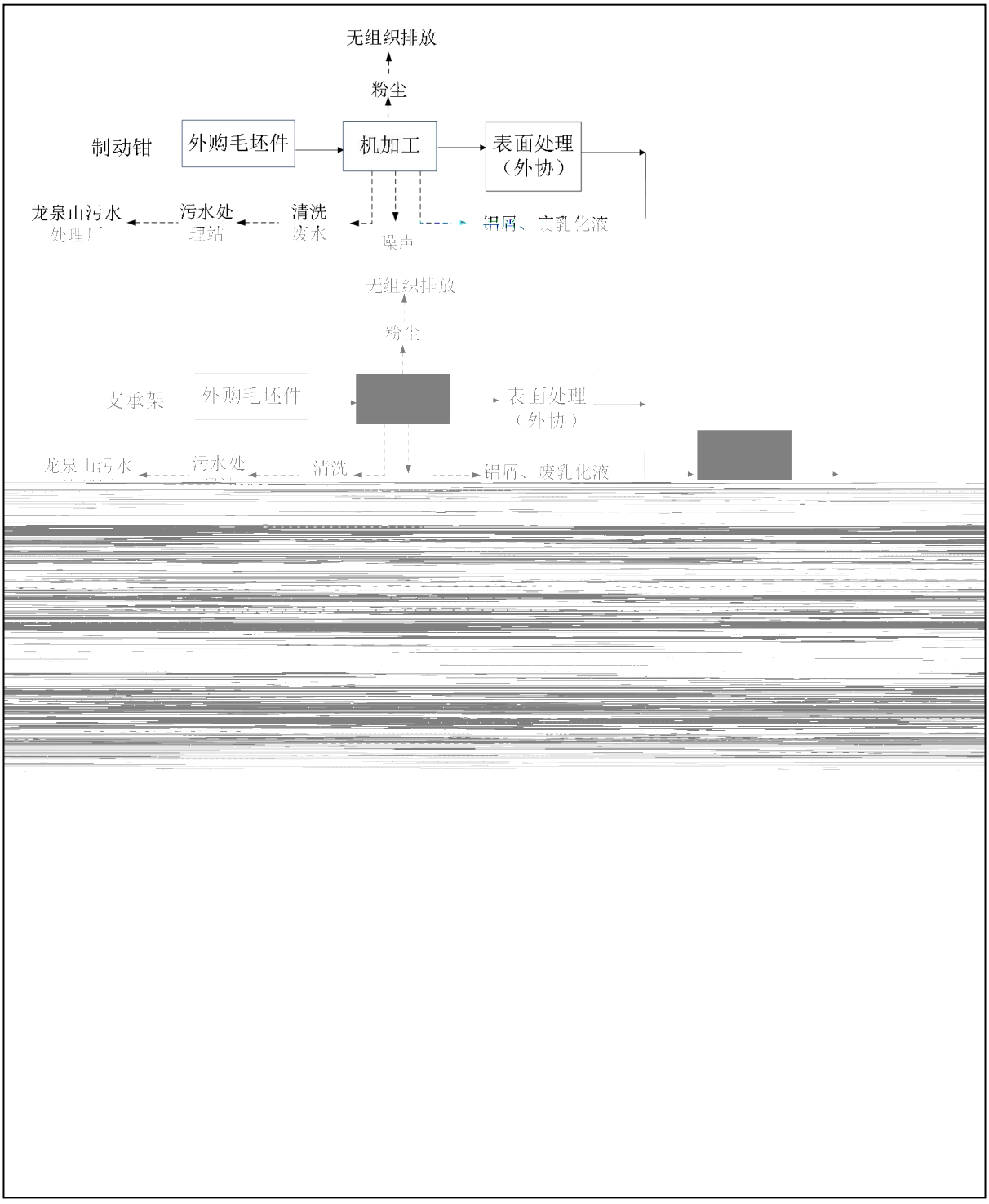
2.1-7



2.1-8



2.1-9


无组织排放
粉尘
制动钳
外购毛坯件
机加工
表面处理
（外协）
龙泉山污水
处理厂
污水处
理站
清洗
废水
噪声
铝屑、废乳化液
无组织排放
粉尘
支承架
外购毛坯件
表面处理
（外协）
龙泉山污水
污水处
清洗
铝屑、废乳化液

2.1-10

2.1-8

2.1.3

2.1-9

2.1-10 VOCs

		2.0% 18% 10% 3.5%
		2.0% 20% 8% 3.5%
		10% 42% 8%
		20% 60%
		45%
		30% 10%
		-4´4 43%

VOCs

2.1.4

2.1-11

%

		33.6	**974.14**	**1007.74**	**3248.3**

2.1-14 **t/a**

				VOCs

2.1-11 **t/a**

2.1.5.2

2.1-16

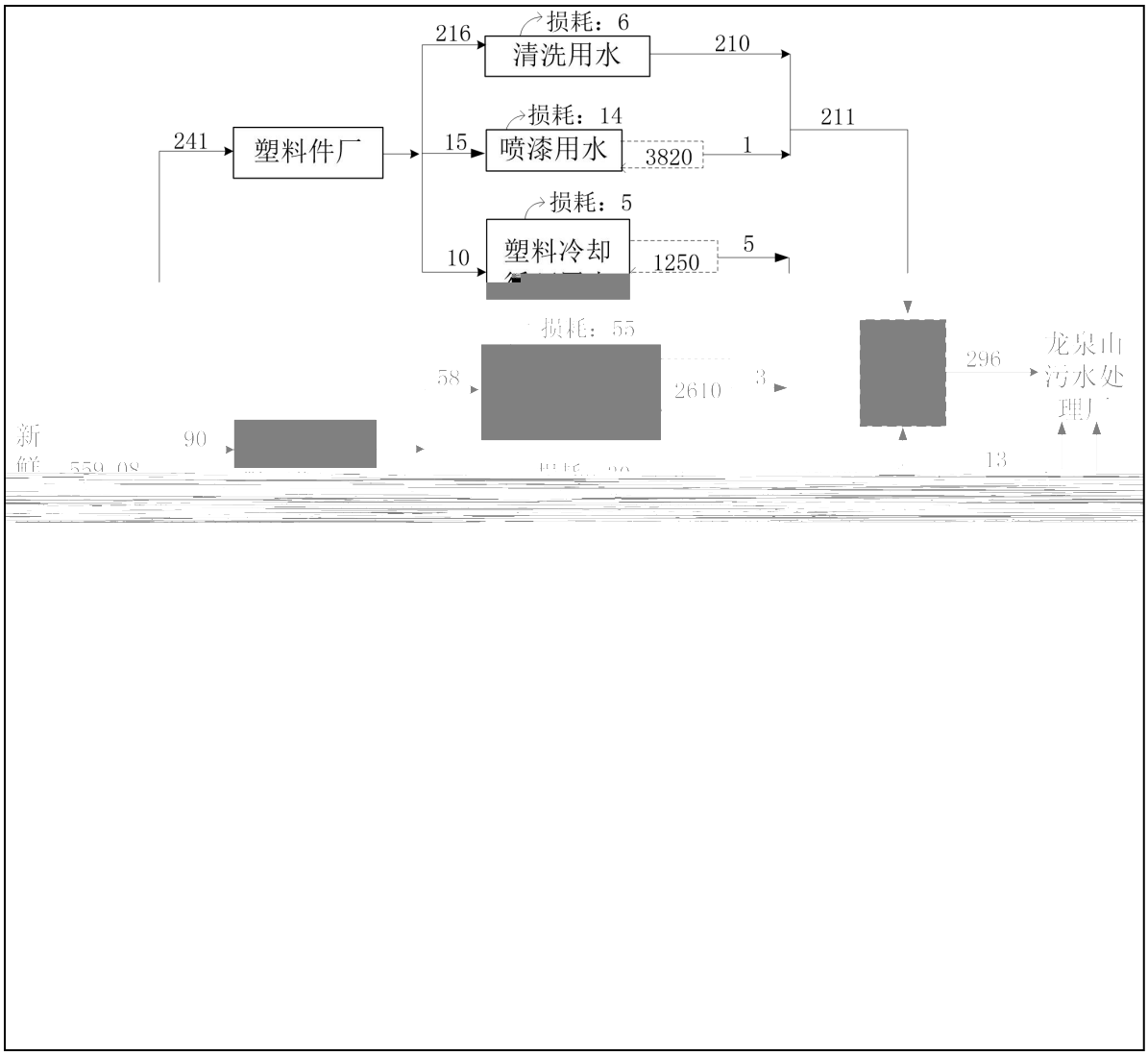
2 Я Т

2.1-17

2.1.6

2.1.6.1

2.1-19 **m^3/d**



2.1-13 **m^3/d**

2.1.6.2

2.1.6.3

2.1.6.4

2.2

2.2.1

2.2.1.1

1

1

2

3

4

5

6

7

2

3

4

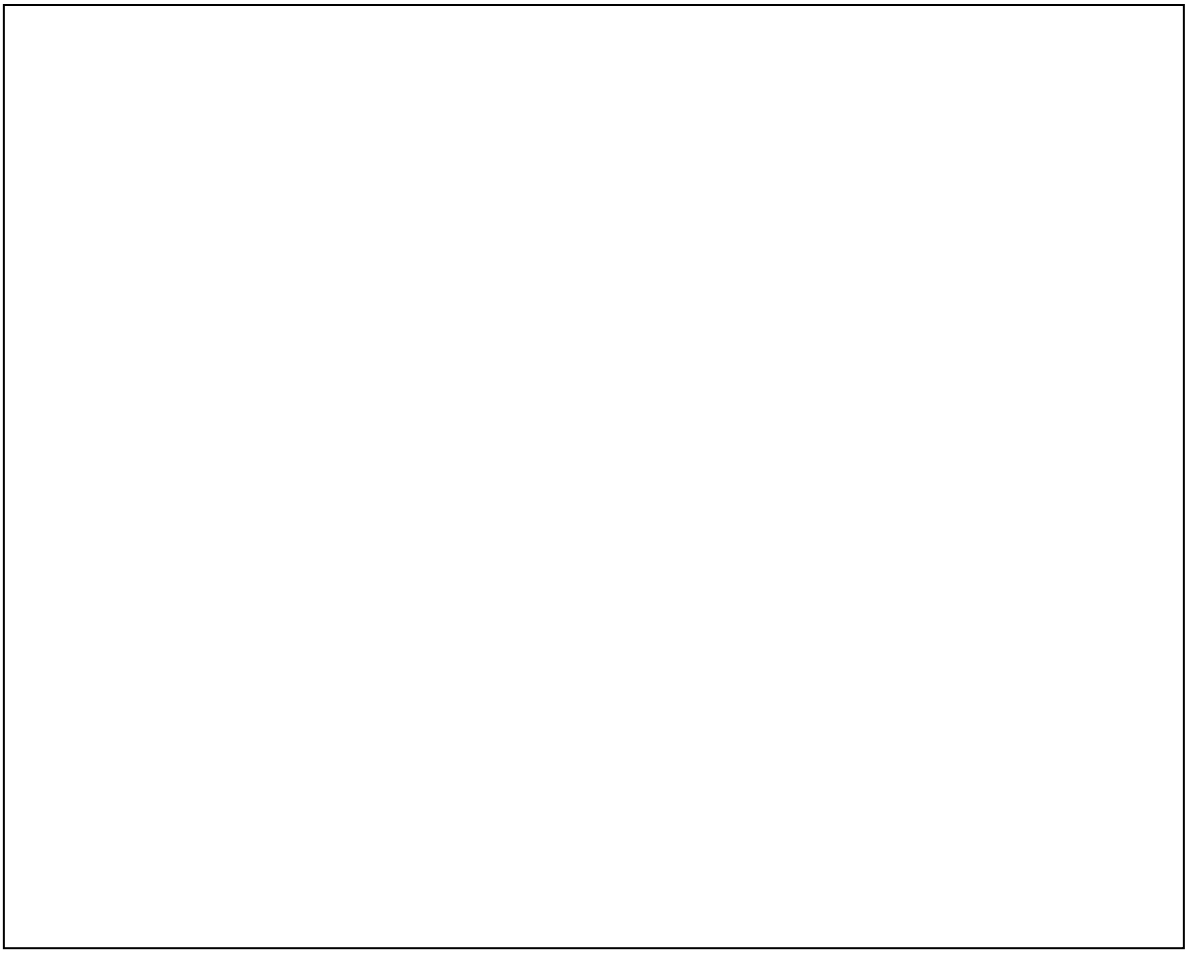
2.2.1.2

1

2.2-1

					+	

2



2.2-1

3

2.2-2 **: mg/L pH**

			pH	COD_{Cr}				

2.2-3 : mg/L pH

		2020 3 20	2020 4 15	2020 5 11	2020 5 13		

4

2.2.1.3

1

2.2-2

2.2.2

“

”

2.2.2.1

2.2.2.2

1

2.2-4

			/ m^3/h											
				/ mg/m^3	/ kg/h	/ mg/m^3	/ kg/h	/ mg/m^3	/ kg/h	/ mg/m^3	/ kg/h	/ mg/m^3	/ kg/h
						×							
						×							
						×							
						×							
						×							
						×							
						×							
						×							
						×							
						×							
						×							
						×	×						

“ ”

2.2-4

			/ m^3/h											
				/ mg/m^3	/ kg/h	/ mg/m^3	/ kg/h	/ mg/m^3	/ kg/h	/ mg/m^3	/ kg/h	/ mg/m^3	/ kg/h
						×							
						×							
						×							
						×							
						×							
						×							
						×							
						×							
						×							
						×							
						×							
						×	×						

“ ”

2.2-4

			/ m^3/h		
				/ mg/m^3	/ kg/h

2.2-4

			/ m^3/h		
				/ mg/m^3	/ kg/h

2.2-4

			/ m^3/h		
				/ mg/m^3	/ kg/h

2.2-4

			/ m^3/h		
				/ mg/m^3	/ kg/h

2

2.2-5 / mg/m^3

			1#	2#	3#	4#			
			×	×	×	×			
			×	×	×	×			
			×	×	×	×			
			×	×	×	×	×		
			×	×	×	×			
			×	×	×	×			
			×	×	×	×			
			×	×	×	×			

“ ”

2.2-6 **mg/m³**

			1#	2#	3#	4#			
			×	×	×	×			
			×	×	×	×			
			×	×	×	×			
			×	×	×	×			
			×	×	×	×	×		
			×	×	×	×			
			×	×	×	×			
			×	×	×	×			
			×	×	×	×			

“ ”

2.2-7 **mg/m³**

			1#	2#	3#	4#			

			1#	2#	3#	4#			
			×	×	×	×			
			×	×	×	×			
			×	×	×	×			
			×	×	×	×			
			×	×	×	×	×		
			×	×	×	×			
			×	×	×	×			
			×	×	×	×			

“ ”

2.2.2.3

1

2.2-8 : mg/L pH

				pH		COD_{Cr}			
						×			
						×			
						×			
						×			
						×			
						×			
						×			
						×			

2.2-9 **: mg/L pH**

pH

2

2.2-10 **: mg/L pH**

pH

			pH				

2.2.2.4

2.2.3.1

1

2

2

2.2-12

2020	12	25		2020	12	29		
1	2	3		1	2			

		2020 12 25				2020 12 26					
		1	2	3		1	2	3			

		2020 12 25				2020 12 26					
		1	2	3		1	2	3			

2.2-13

		2020 12 25				2020 12 26					
		1	2	3		1	2	3			
—											

2

		2020 12 25				2020 12 26					
		1	2	3		1	2	3			

		2020 12 25				2020 12 26					
		1	2	3		1	2	3			

2.2-14

		2020 12 25				2020 12 26					
		1	2	3		1	2	3			

2

		2020 12 25				2020 12 26					
		1	2	3		1	2	3			

		2020 12 25				2020 12 26					
		1	2	3		1	2	3			

2.2-15 mg/m³

2020 12 25 2020 12 26

1 2 3 4 1 2 3 4

		2020 12 25					2020 12 26						
		1	2	3	4		1	2	3	4			

3

1

2.2-16 t/a

	RTO 25m 1#	15m 2#	7m 3#		

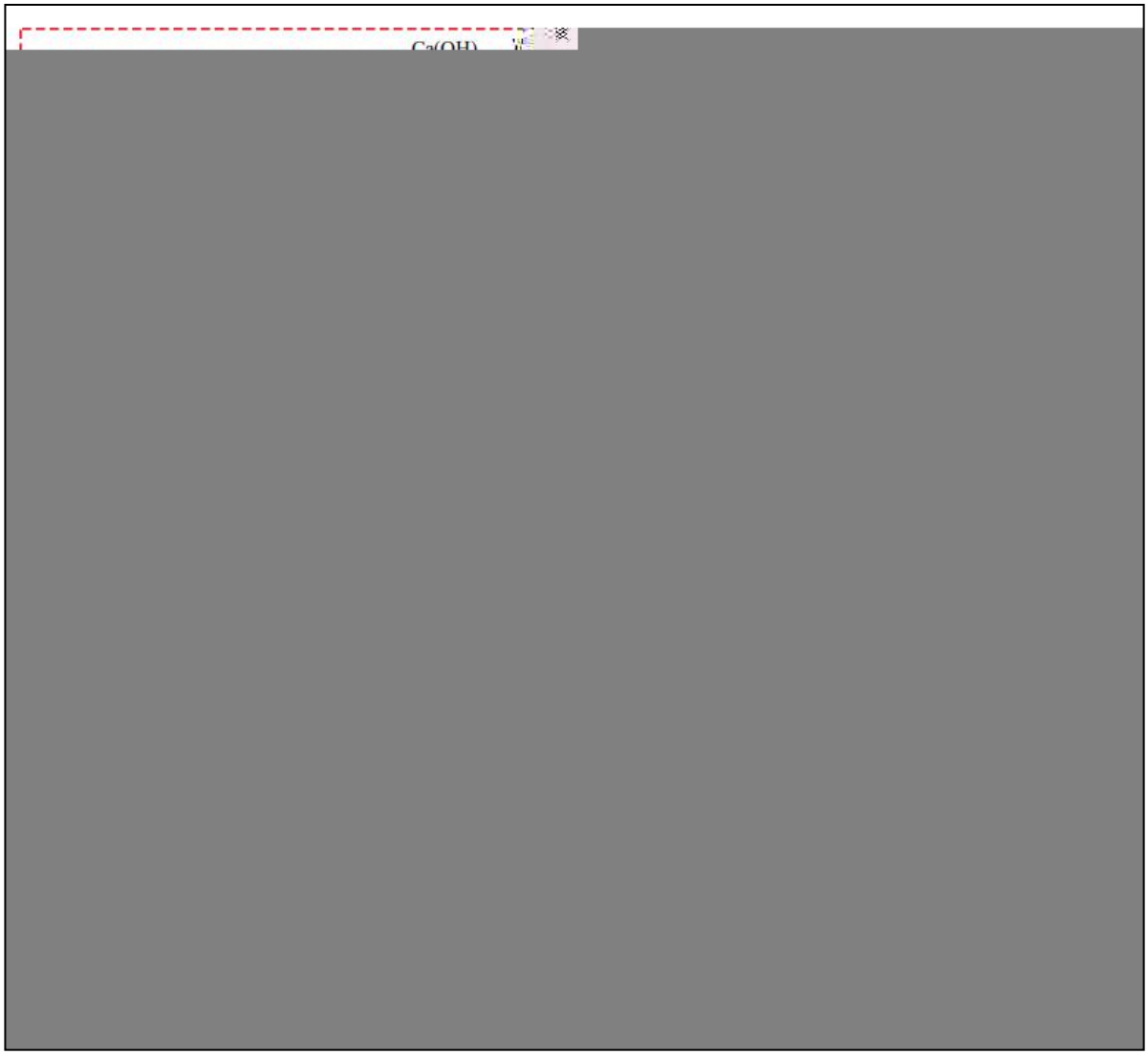
2

3

4

5

6



2.2-2

3

2.2-19 mg/L

2020 12 25

1 2 3 /

2020 12 26

1 2 3 /

		2020 12 25				2020 12 26					
		1	2	3	/	1	2	3	/		

“ ”

3

_____

_____

_____

_____

2.2-20

2.2-21

			(t/a)		

2.2.3.4

2.2-22 dB A

		(/			

2.2.3.5

“ ”

2.2-22 “ ”

		t/a

2.3 “ ”

“ ”

“ ”

2.3-1 “ ”

		“ ”
–		
–		

3

3.1

3.1.1

3.1.2

3.1-1

		× × × ×	
		× × × ×	
		× × × ×	

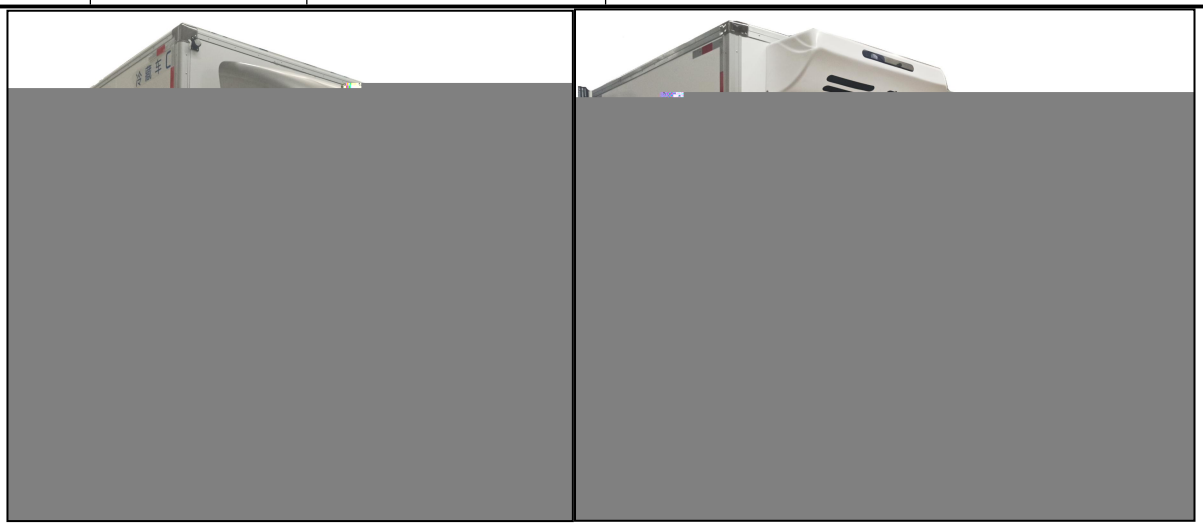
3.1-2

3.1.3

3.1.4

3.1-2

			× × × ×



3.1.5

3.1-3

3.1.6

3.1-4

3.1-5

-4´4 43%

5% 25%

20%

60%

1% N

N . 0.5% 0.5% 0.5% 0.5%

3.1.7

1

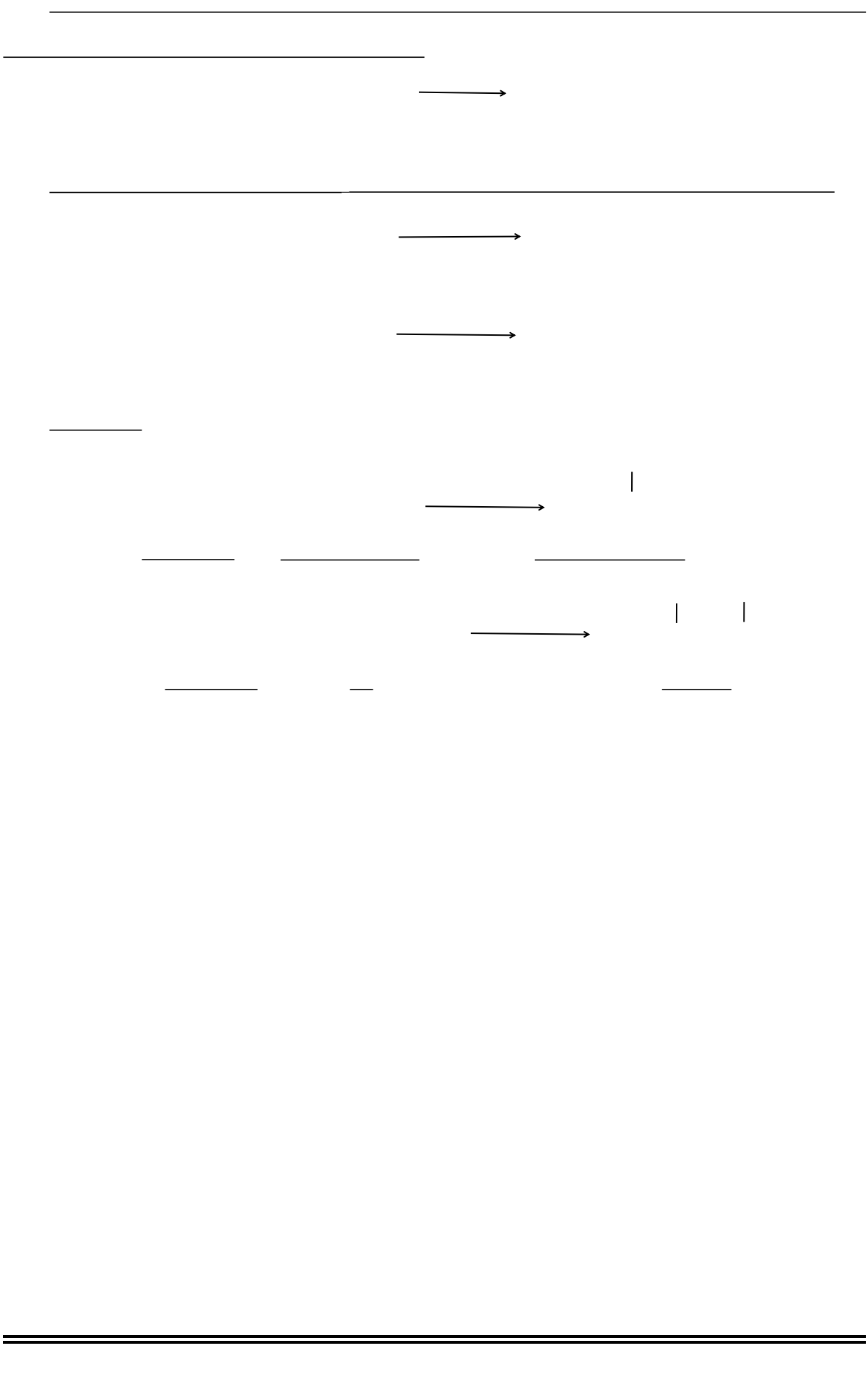
2

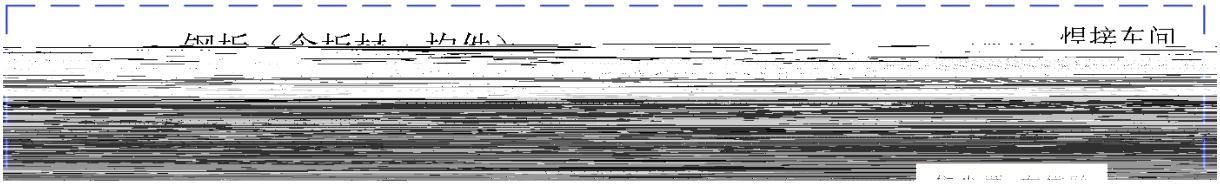
3

3.2

3.2.1

1




焊接车间

2

3.2-1

					/	

3.2.2

1

3.2-2 **m^3/d**

3.2-2

2

VOCs

3.2-3

	____					
	___					
	___					
	___					
	___					
	____					

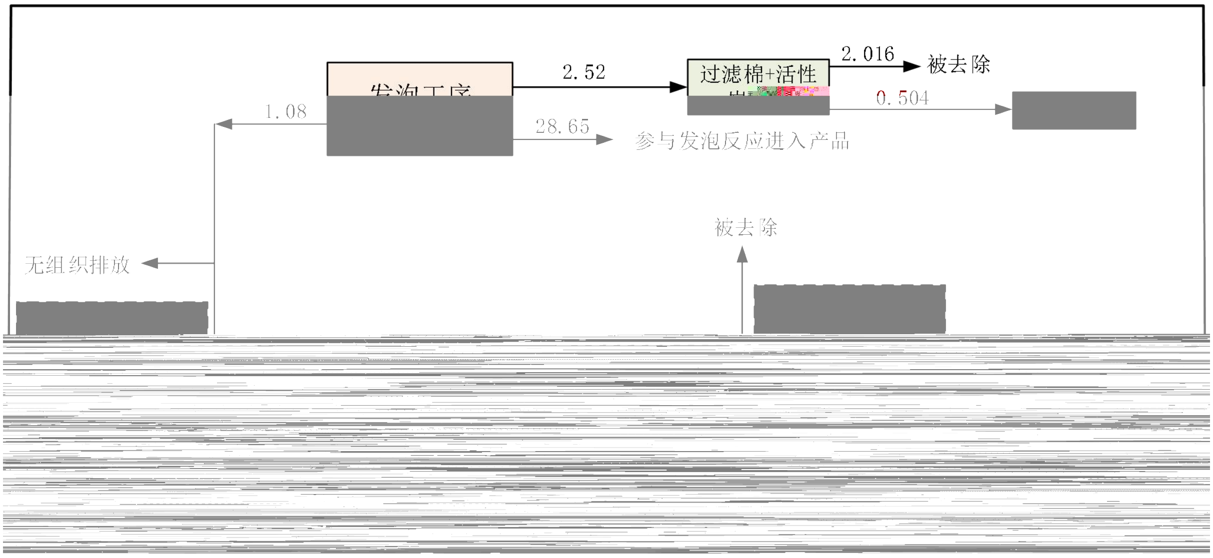
3.2-4

	____	_	_	_____	_____	_____
	___	____	_	_	____	____
	___	____	_	_	____	____

3.2-5 **VOCs** **t/a**

3.2-6 **t/a**

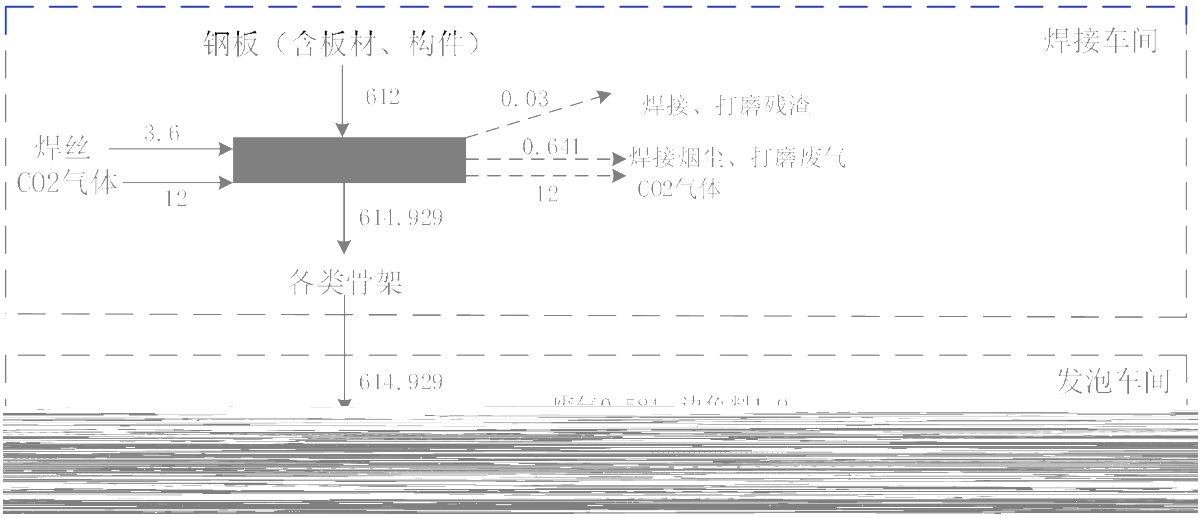
3.2-7 **t/a**



3.2-3 t/a

3.2.3

3.2-8


钢板（含板材、构件）
焊接车间
612
0.03
焊接、打磨残渣
焊丝
3.6
0.641
焊接烟尘、打磨废气
CO2气体
12
12
CO2气体
614.929
各类骨架
614.929
发泡车间

3.2-4

3.3

3.4

2

1

2

×

3.4-3

3

3.4-4

3

3.4-5

3.4-6

3.4-7

3.4-8

									× ×
									× ×
									× ×

3.4.2

1

2

3.4-9

3.4.3

3.4-10 **dB(A)**

3.4.4

3.4-12

3.4.5

1

3.4-12

2

3.4-13

3.4.6

1

3.4-14

2

3.5 “ ”

3.5.1 “ ”

3.5-1 “ ”

Ł

4

4.1

4.1.1

4.1.2

4.1.3

—

4.1.4

1

2

4.1.5

4.1.6

4.1.7

4.1-1

. Г

4.2-1

		µg/m³	µg/m³	%	

4.2.2

4.2.2.3

4.2-3

4.2.2.4

$$_{y} = MAX\ -\frac{}{n}\sum_{j=}^{n} C$$

4.2.2.5

4.2-4

			m/s		kPa

4.2-5 mg/m^3

4.2-5 **mg/m^3**

4.2-5 **mg/m^3**

4.3

4.3-1

4.4

4.4.1

4.4-1

4.4.2

4.4.3

4.4.4

4.4-2

/

4.4.6

4.4-3

		m	m

4.4-4 mg/L

		pH ( )													
III															
										K^+	Na^+	Ca^{2+}	Mg^{2+}	CO_3^{2-}	HCO_3^-
		pH ( )													
										K^+	Na^+	Ca^{2+}	Mg^{2+}	CO_3^{2-}	HCO_3^-

		pH ( )													
										K^+	**Na^+**	**Ca^{2+}**	**Mg^{2+}**	**CO_3^{2-}**	**HCO_3^-**

4.5

4.5.1

4.5-1

4.5.2

4.5.3

4.5.4

4.5-2 **mg/kg**

4.5.5

$$P_i = C_i \quad C_{Si}$$

P_i

C_i

C_{Si}

P_i P_i

4.5.6

1

4.5-3

		°			°		

2

4.5-4 mg/kg pH

“ < ”

4.6

4.6.1

4.6-1

4.6.2

4.6.3

4.6.4

4.6.5

4.6.6

Ď Ǯ

3

5

5.1

5.1.1

5.1.2

5.1.3

5.1-1

dB

$$\Delta L = L_1 - L_2 = 20\lg(r_2/r_1)$$

5.1-2 **dB(A)**

5.1.4

5.2

1

5.2-1

			/ **mg/m³**	/ **kg/h**	/ **t/a**

5.2-2

				/ **mg/m³**	/ **t/a**

5.2-3

/ "

5.2-4

2

5.2-5

m			**TVOC**				**PM_{10}**		**$PM_{2.5}$**		**MDI**	

3

4

5.3

5.3.3

5.4

5.4.1

1

0~19.40m 5.8~13.20m

2

105~120m 30-40m

5.4.2

5.4.2.1

5.4.2.2

1

2

3

4

1

$$\frac{}{} = - \qquad \frac{x-ut}{\sqrt{D_L t}} + - e^{\frac{ux}{D_L}} erfc \ \frac{x+ut}{\sqrt{D_L t}}$$

5.4-1

3

4

5

5.4-2 COD mg/L

5.4-3 NH_3-N mg/L

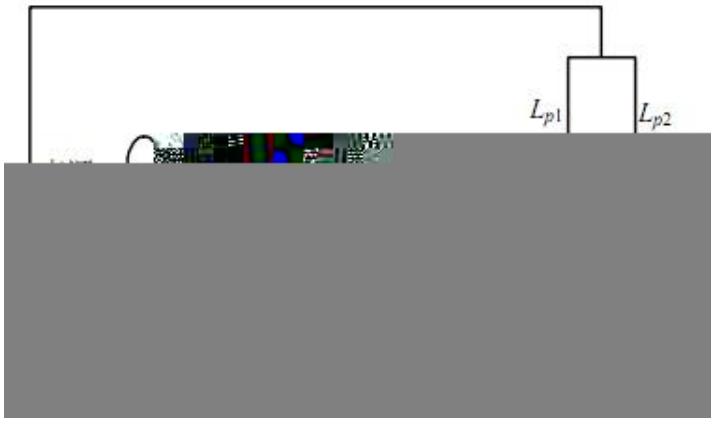
5.5

5.5.1

5.5-1 **dB(A)**

5.5.2

$$L_{p2} = L_{P1} - (TL + 6) \qquad \text{（A.6）}$$



$$L_{P1i}(T) = 10\lg(\sum_{j=1}^{N} 10^{0.1 L_{P1ij}}) \qquad \text{（A.8）}$$

$$L_{P2i}(T) = L_{P1i}(T) - (T$$

$$L_W = L_{P2}(T)$$

$$L_A\ r\ = L_A(r\ ) - \qquad (r\ \ r\ )$$

$$\mathbf{L}\ =\ \sum_{\mathbf{i=}}^{\mathbf{n}}\ \mathbf{Li}/$$

$$L_{eqg} = 10\lg(\frac{1}{T}\sum_i t_i 10^{0.1L_{Ai}})$$

5.5.3

5.5-2 **dB A**

5.6

1

5.6-1

		(t/a)	
		___	

2

1

2

5.7

5.8

5.8.1

5.8-1

5.8-2

5.8.3

1

2

3

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

ΔS

I_S

L_S

R_S

A

D

n

$$\Delta S = nI_s/(\rho_b \times A \times D)$$

$$S = S_b + \Delta S$$

S_b

S

I_S

4

5.8-3

		ρ_b	*A*	*D*	I_S		*ΔS* (		

*****

+

50%

5.8-4 VOCs

		ρ_b	*A*	*D*	I_S		*ΔS*	

*

50%

5.8.4

5.8.5

5.8.6

5.9

5.9.1

5.9-1

t

5.9.3

5.9.3.1

5.9-2

		≥

5.9-3

5.9-4

? &

5.9.4

1

5.9-8

2

5.9-9

5.9.5

$$Q_L = C_d A \rho \sqrt{\frac{2(P - P_0)}{\rho} + 2gh}$$

Q_L

P

P_0

ρ

g

h

C_d

A

Q_L

5.9-10

5.9.5

5.9.5.1

$$R_i = \frac{\left[\frac{g(Q/\rho_{rel})}{D_{rel}} \times \left(\frac{\rho_{rel}-\rho_a}{\rho_a}\right)\right]^{\frac{1}{3}}}{U_r}$$

ρ

ρ

Q

g

U

R_i

R_i

5.9-11

5.9-12 ug/m^3

5.9-13

5.9-1 mg/m³

5.9-14 MDI

5.9-15 MDI **ug/m^3**

5.9-16

5.9-2 MDI mg/m^3

5.9.5.2 ๑ ๓ Ω

§

6

6.1

6.1.1

1

2

≥

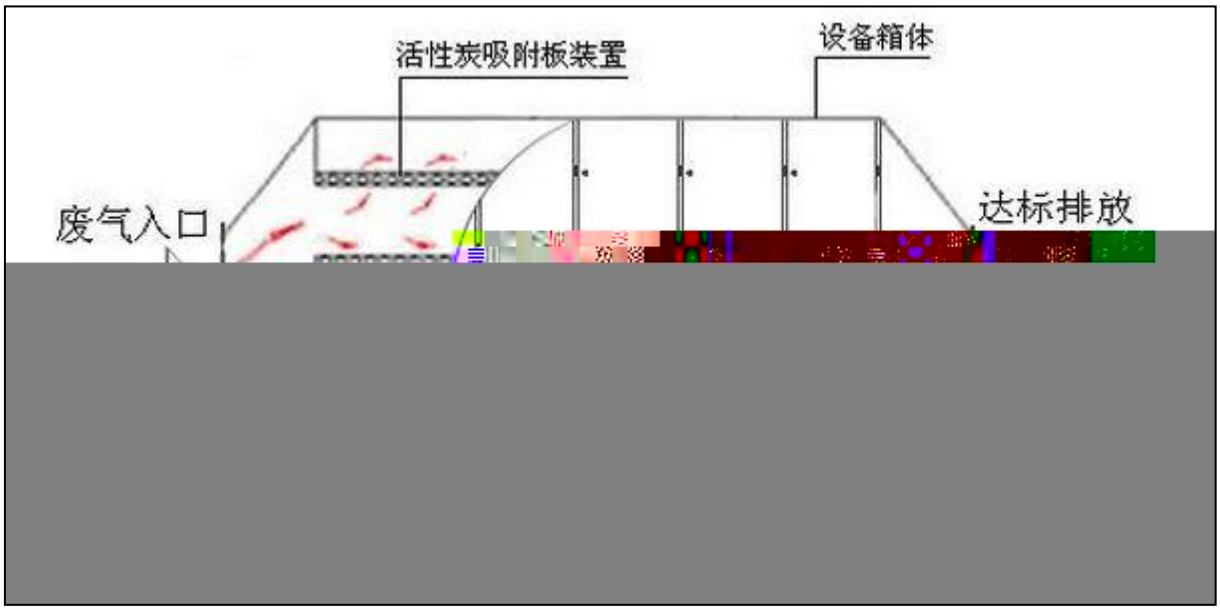
6.1-1

6.1.2

1

2

6.1-2



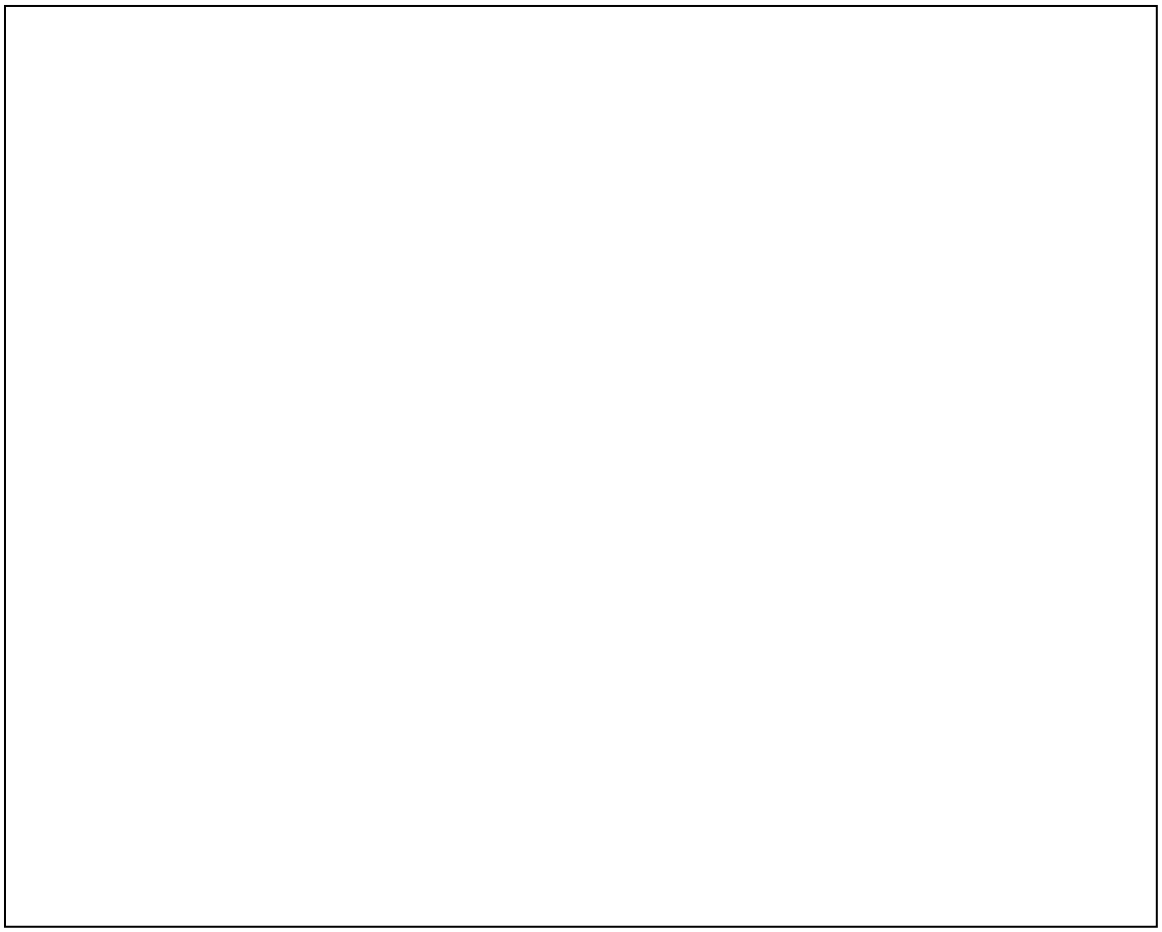
6.1-2

6.1-2

6.2.2

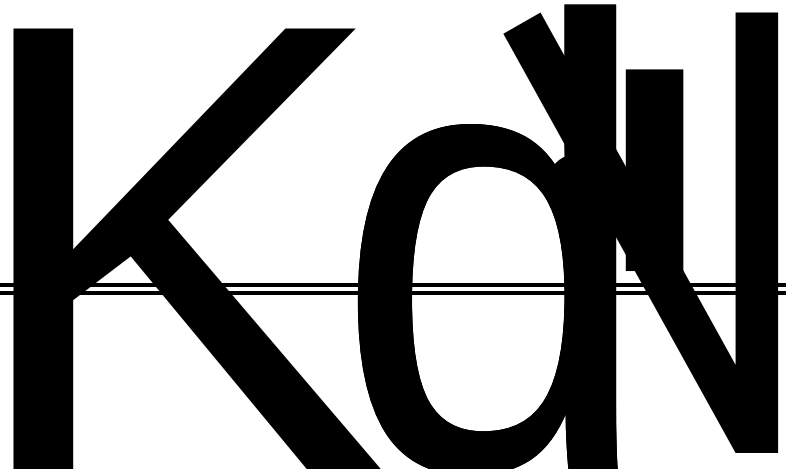
1

2



6.2-1

6.2.3

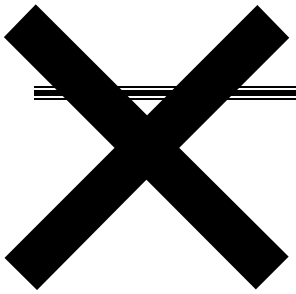


6.2.4

6.3

“ ”

6.3.1



6.3.2

6.3-1

		≥ ≤ ×	
		≥ ≤ ×	

6.4

6.5.2

6.5-1

6.6-1

6.7

6.7-1

7

7.1

7.1.1

7.1-1

7.1.2

7.1.3

1

7.1-2

7.2

7.3

7.4

7.4.1

7.4.2

8

8.1

8.1.1

1

2

8.1.2

1

2

8.1.3

8.1-1

8.2

8.2.1

8.2-1

	mg/m^3	**t/a**		**mg/m^3**	**t/a**

8.2.2

8.2-2

8.2.3

8.3

8.3.1

8.3.2

8.3-1

8.4

8.4-1 **“ ”**

		/			

9

9.1

9.2

9.2.1

9.2.2

9.2.3

9.2.4

9.2.5

9.3

9.3.1

1

2

3

4

9.4

9.4.1

9.4.1.1

9.4.1.2

9.4.1.3

9.4.1.4

9.4.1.5

9.4.1.6

9.4.1.7

9.5

9.5.1

9.5.2

9.5.3

9.6

9.7

9.8

9.9

“ ”