

		1
1		5
2		35
	“ ”	
3		107
	“ ”	
4		135
5		158

6 **191**

7 **205**

8 **208**

9 **214**

	66 99	7
	66 99	

“ ”

“

”

“

”

“

”

1

“

”

“ ”

2

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

1.3-3

1.4

1.4.1

1

2

4

1.4-4	GB3096-2008	dB(A)

5

[illegible]

[illegible]

1.4-9				dB A

4

1.5

1.5.1

1.5.1.1

1

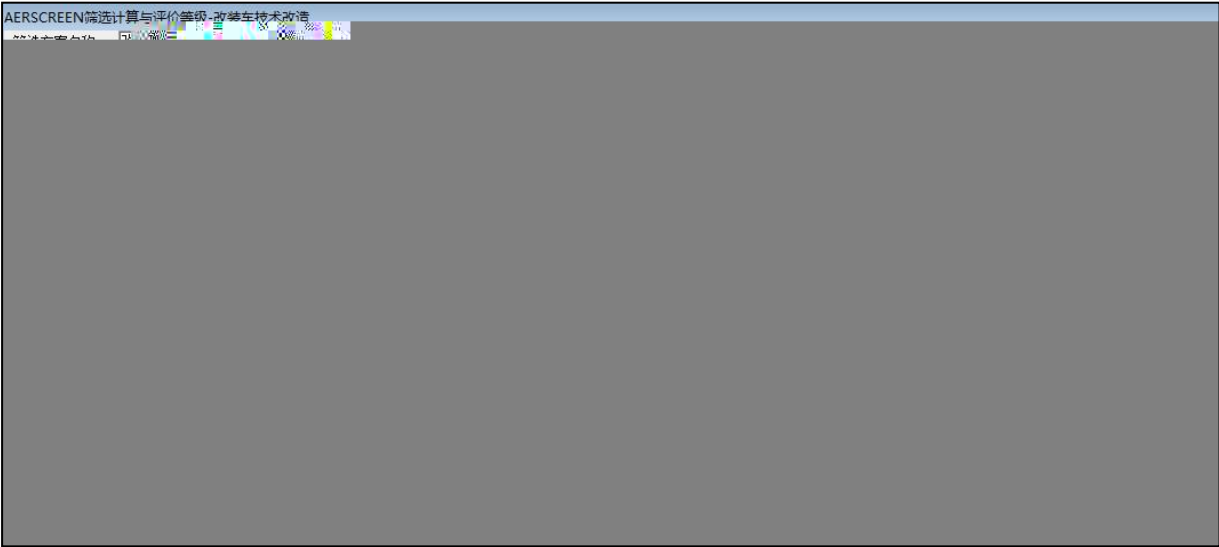
— ×

2 AERSCREEN

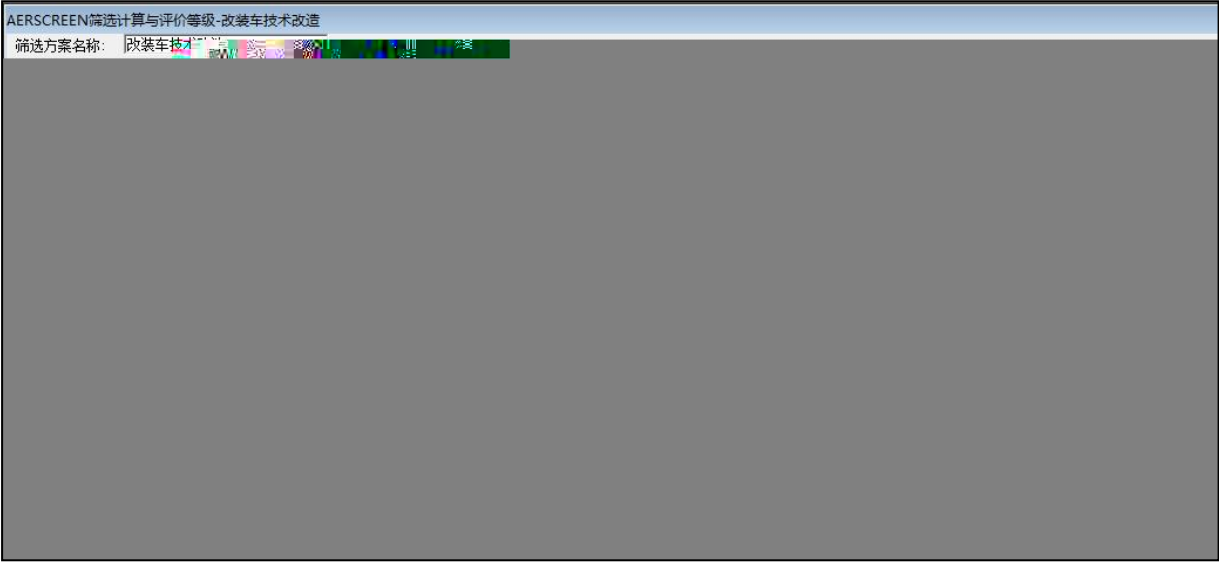
[illegible]

				(m)	(m)	(m)	/°	m	h		kg/h					
		X	Y								PM ₁₀	PM _{2.5}		TVOC		<u>MDI</u>
		(m)	(m)													
													_____		_____	
											_____	_____	_____	_____	-	

[illegible]



1.5-1 1h



1.5-2 1h

4

1.5-7

1.5.1.2

1.5-6

		Q/ m³/d W/
		≥ ≥

1.5.1.3

“	”
“	”

1.5-7

1.5-8

1.5.1.4

1.5.1.5

“

$$= \frac{1}{Q} + \frac{q}{Q} + \frac{q_n}{Q_n}$$

1.5-11		Q				
			_____	_____		_____
			_____	_____		_____
			_____	_____		
			_____	_____		

$$\frac{\mathbb{R}^n}{\mathbb{R}^n} \cong \mathbb{R}^n$$

1.5-12		M		

1.5-13		P		
≅				

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



--	--	--	--

1.5-24

6

7

1.6

							— — —			

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				
-	_____	_____	_____	_____

--	--	--

2.1.1.4

“ ”

1

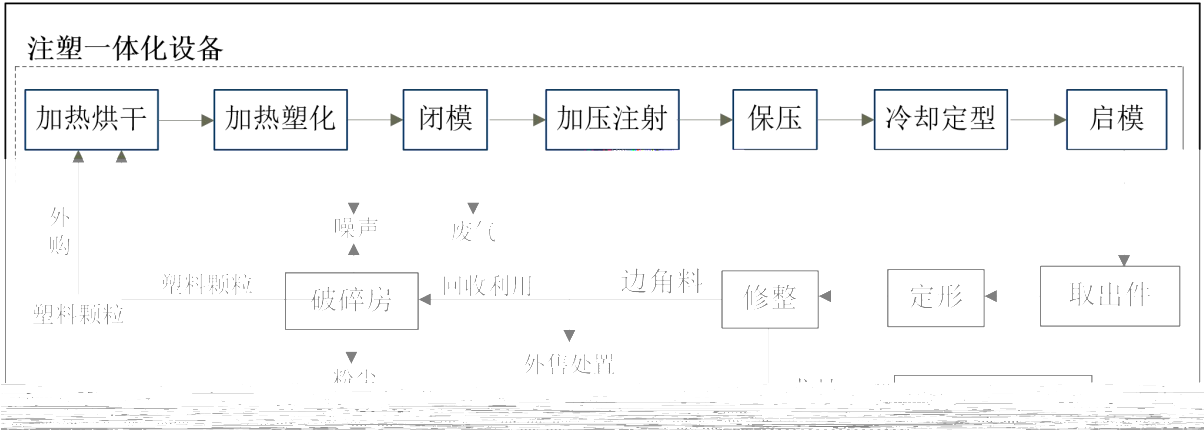
2

3

2.1.2

2.1.2.1

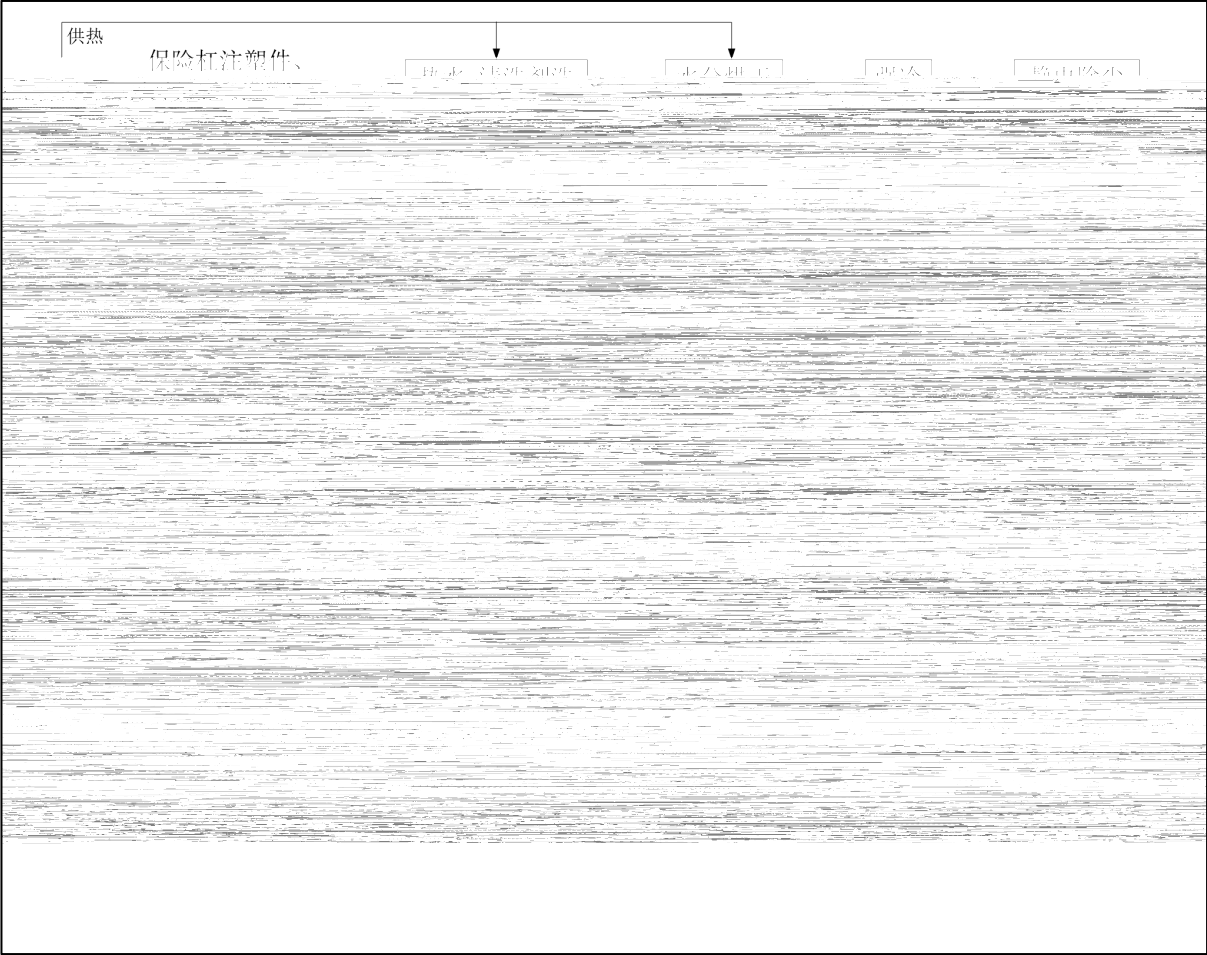
1



2.1-1

2.1-4

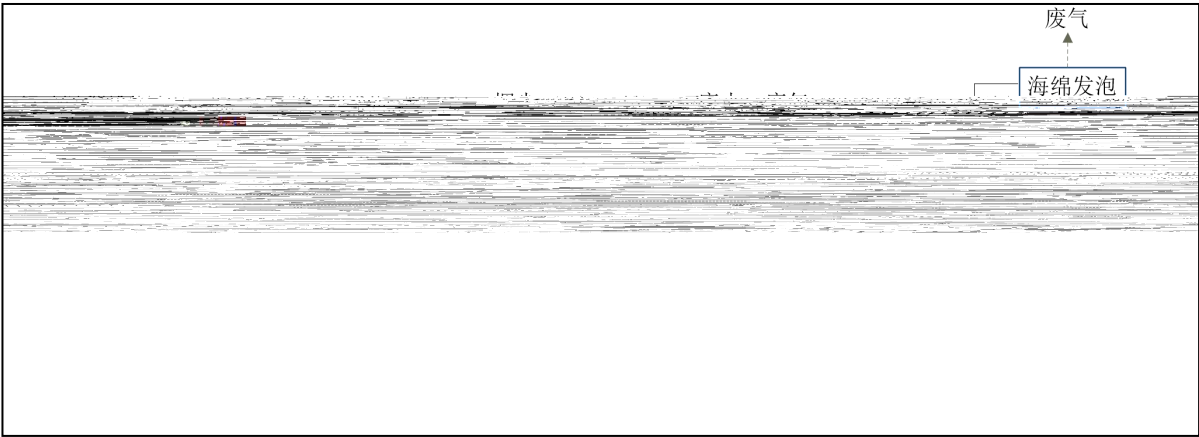
2



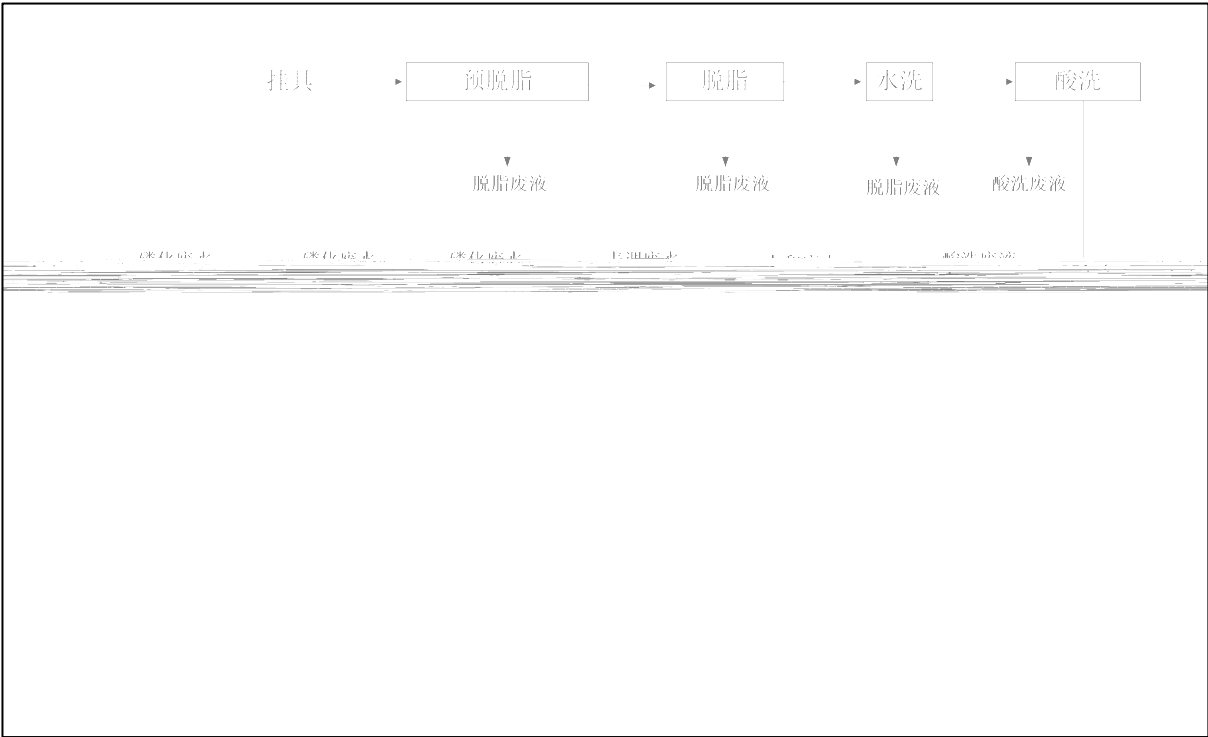
2.1-2

2.1-5

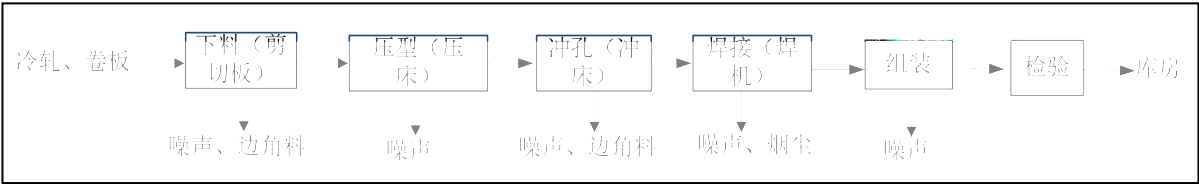
2.1.4.2



2.1-3



2.1-4



2.1-5

2.1-6

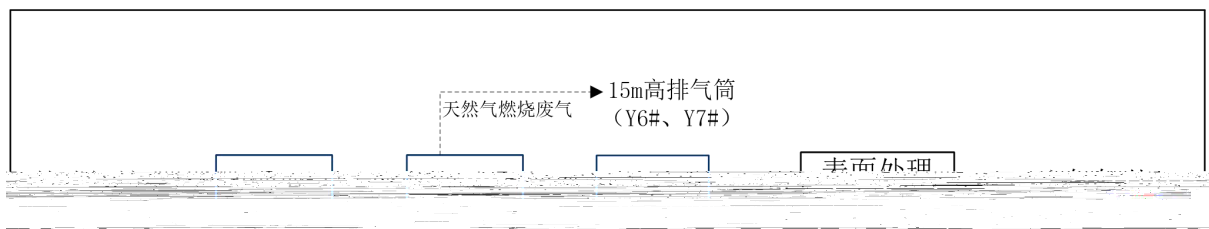
2.1.4.3

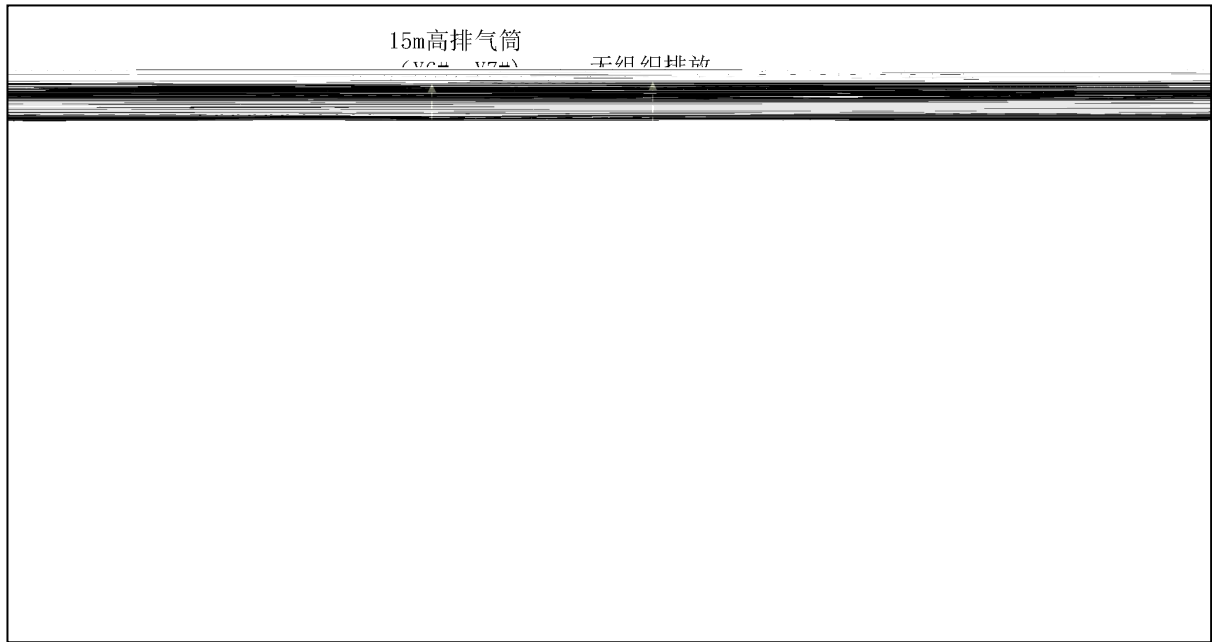
噪声、边角料	噪声、边角料	噪声
--------	--------	----

2.1-6

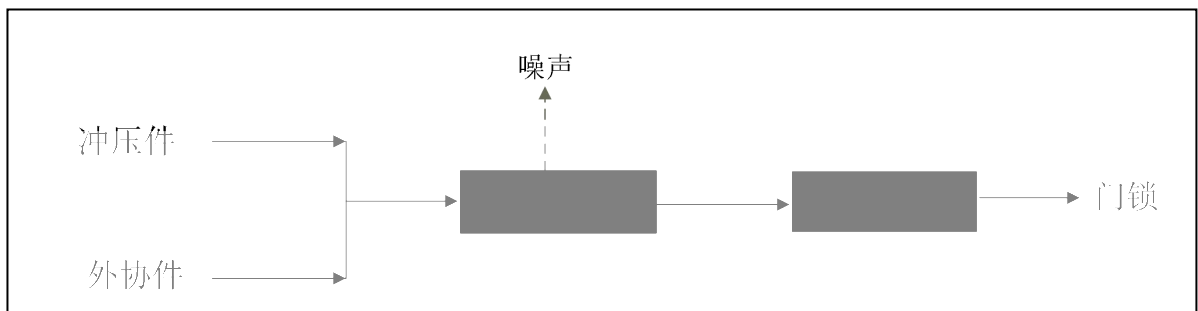
2.1-7

2.1.4.4

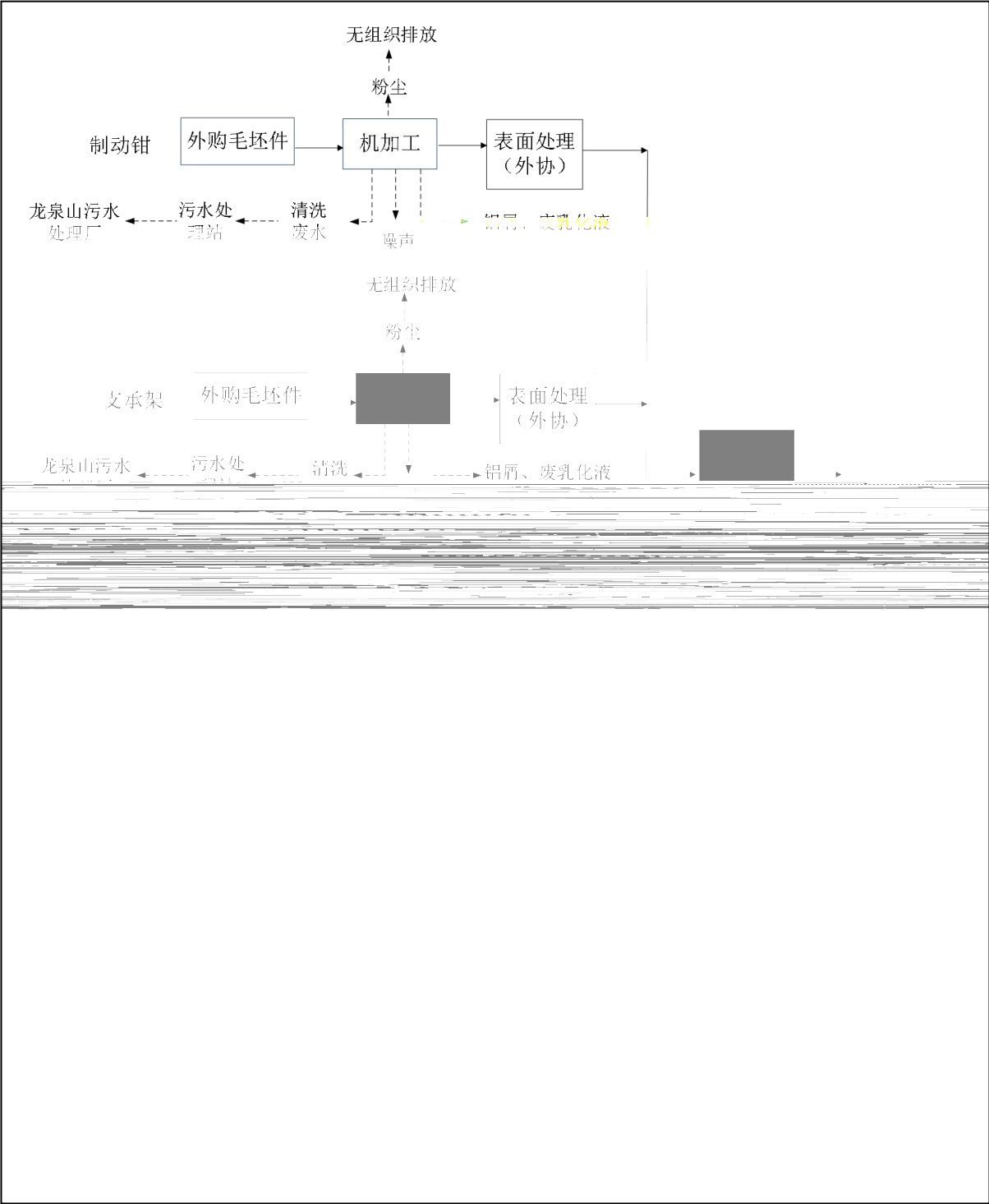




2.1-8



2.1-9



2.1-10

2.1-8

2.1.3

[illegible]

VOCs

2.1.4

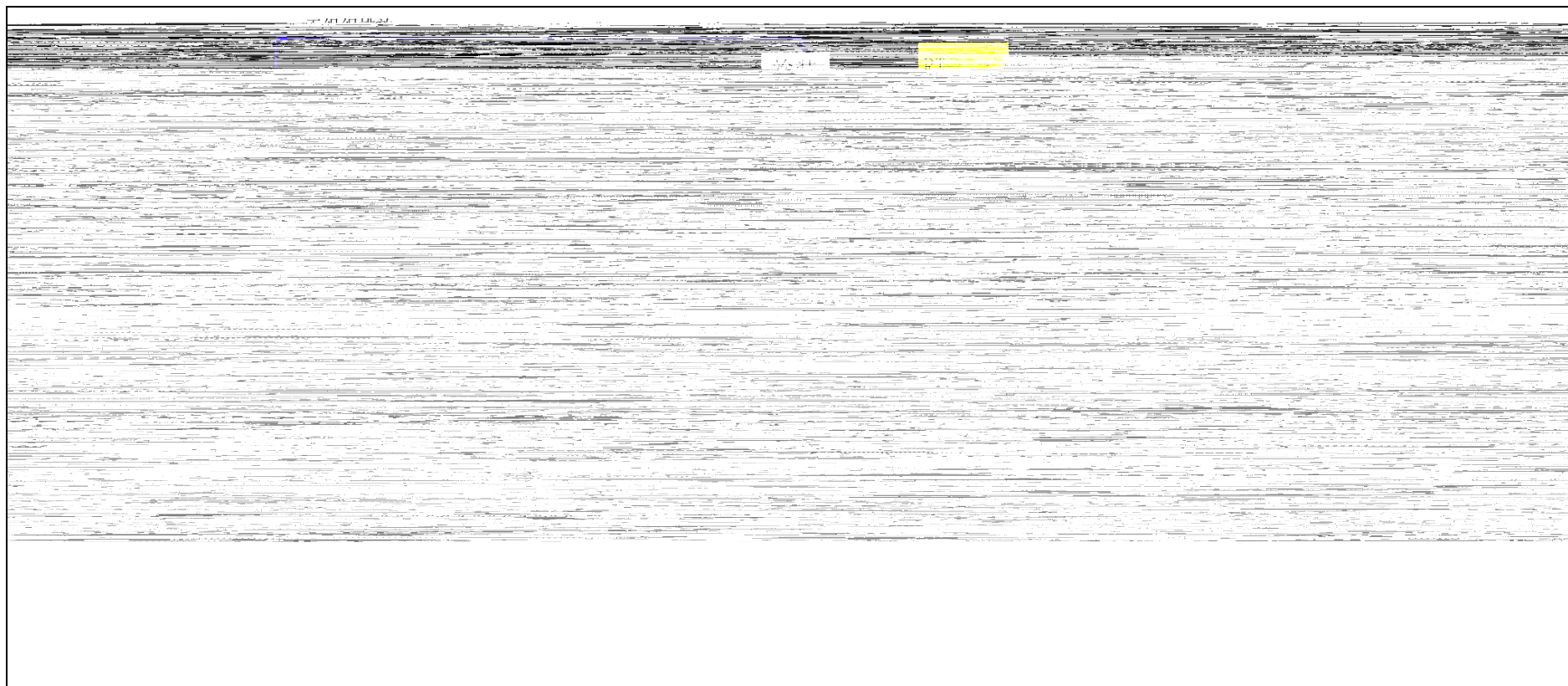
2.1-11

%

		33.6	974.14	1007.74	3248.3

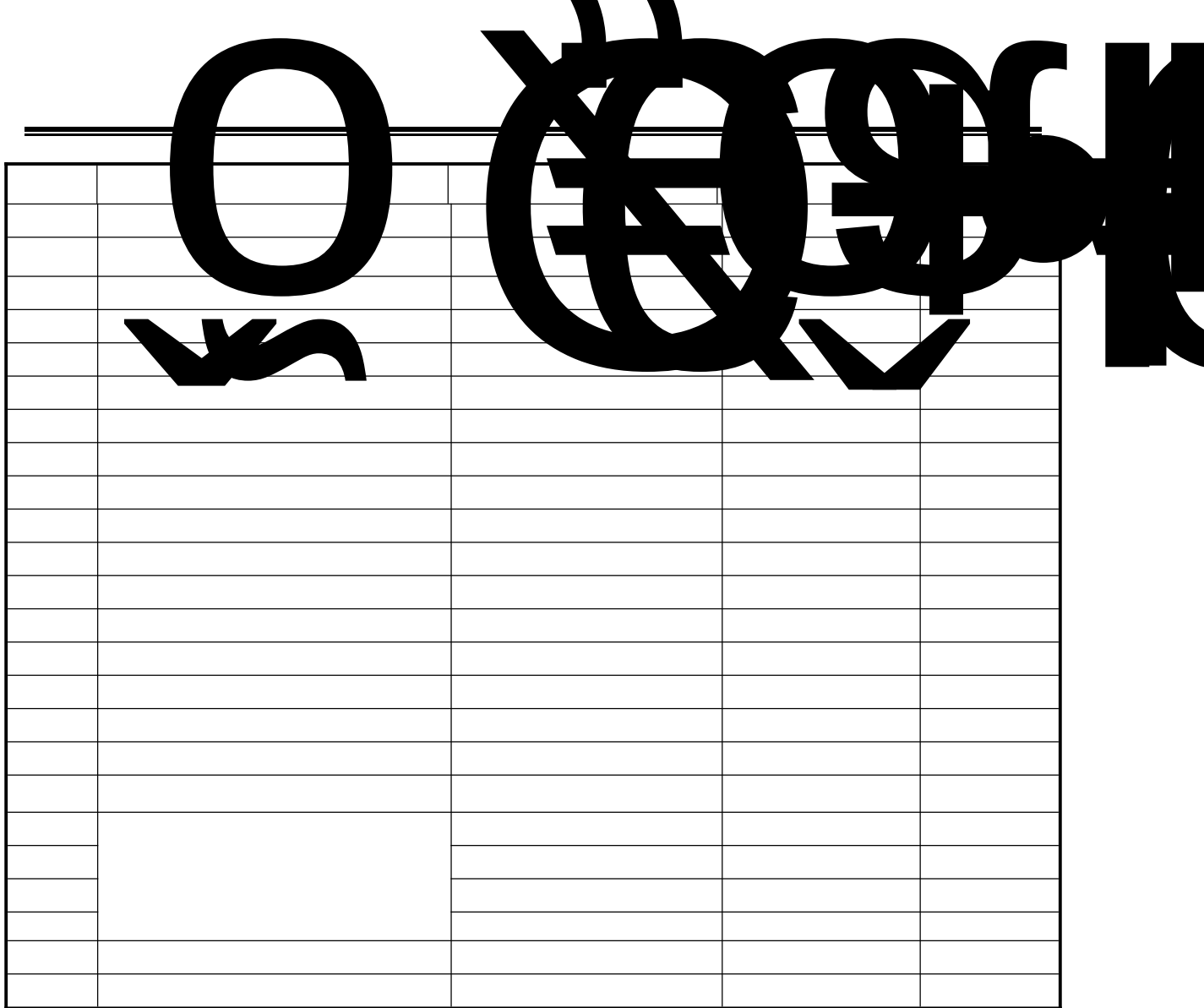
2.1-14t/a

				VOCs



2.1-11

t/a



2.1.5.2

2.1-16

Year	2010	2011	2012	2013	2014
1	100	100	100	100	100
2	100	100	100	100	100
3	100	100	100	100	100
4	100	100	100	100	100
5	100	100	100	100	100
6	100	100	100	100	100
7	100	100	100	100	100
8	100	100	100	100	100
9	100	100	100	100	100
10	100	100	100	100	100
11	100	100	100	100	100
12	100	100	100	100	100
13	100	100	100	100	100
14	100	100	100	100	100
15	100	100	100	100	100
16	100	100	100	100	100
17	100	100	100	100	100
18	100	100	100	100	100
19	100	100	100	100	100
20	100	100	100	100	100
21	100	100	100	100	100
22	100	100	100	100	100
23	100	100	100	100	100
24	100	100	100	100	100
25	100	100	100	100	100
26	100	100	100	100	100
27	100	100	100	100	100
28	100	100	100	100	100
29	100	100	100	100	100
30	100	100	100	100	100
31	100	100	100	100	100
32	100	100	100	100	100
33	100	100	100	100	100
34	100	100	100	100	100
35	100	100	100	100	100
36	100	100	100	100	100
37	100	100	100	100	100
38	100	100	100	100	100
39	100	100	100	100	100
40	100	100	100	100	100
41	100	100	100	100	100
42	100	100	100	100	100
43	100	100	100	100	100
44	100	100	100	100	100
45	100	100	100	100	100
46	100	100	100	100	100
47	100	100	100	100	100
48	100	100	100	100	100
49	100	100	100	100	100
50	100	100	100	100	100
51	100	100	100	100	100
52	100	100	100	100	100
53	100	100	100	100	100
54	100	100	100	100	100
55	100	100	100	100	100
56	100	100	100	100	100
57	100	100	100	100	100
58	100	100	100	100	100
59	100	100	100	100	100
60	100	100	100	100	100
61	100	100	100	100	100
62	100	100	100	100	100
63	100	100	100	100	100
64	100	100	100	100	100
65	100	100	100	100	100
66	100	100	100	100	100
67	100	100	100	100	100

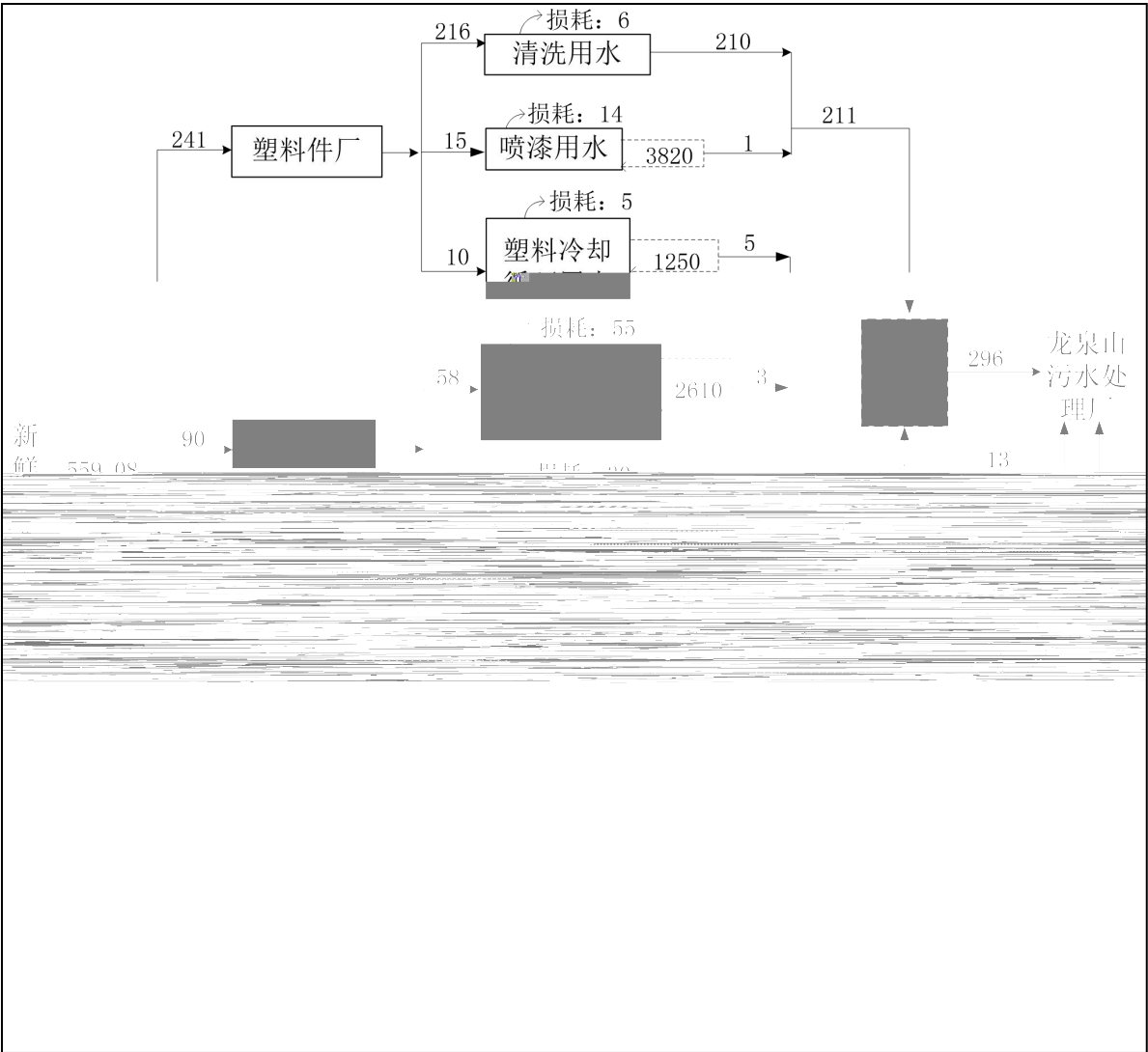


2.1-17

2.1.6.1

[illegible]

-	-		-	-	-	-	



2.1-13 m³/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

					+	
-						

2.2-1

: mg/L pH

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

			m³/h										
				/ mg/m³	/ kg/h	/ mg/m³	/ kg/h	/ mg/m³	/ kg/h	/ mg/m³	/ kg/h	/ mg/m³	/ 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

			/ m³/h		
				/ mg/m³	/ kg/h

2.2-4

			/ m³/h		
				/ mg/m³	/ kg/h

2.2-4

			/ m³/h		
				/ mg/m³	/ kg/h

2.2-4

			/ m³/h		
				/ mg/m³	/ kg/h

2.2-5		/				mg/m ³		
			1#	2#	3#	4#		
			×	×	×	×	×	
			×	×	×	×		
			×	×	×	×		
			×	×	×	×		
			×	×	×	×		
			×	×	×	×		
			×	×	×	×		
			×	×	×	×		

“

”

2.2-6							mg/m ³		
			1#	2#	3#	4#			
			×	×	×	×	×		
			×	×	×	×			
			×	×	×	×			
			×	×	×	×			
			×	×	×	×			
			×	×	×	×			
			×	×	×	×			
			×	×	×	×			

“

”

2.2-7							mg/m ³		
			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

ñ0 Ryc

			pH				

2.2.2.4

2.4

2

2

2.2-12

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

[illegible]

2.2-13

[illegible]

2.2-15

	2020	12	25
1	2	3	4

mg/m³

	2020	12	26
1	2	3	4

Å

3

1

2.2-16

t/a

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

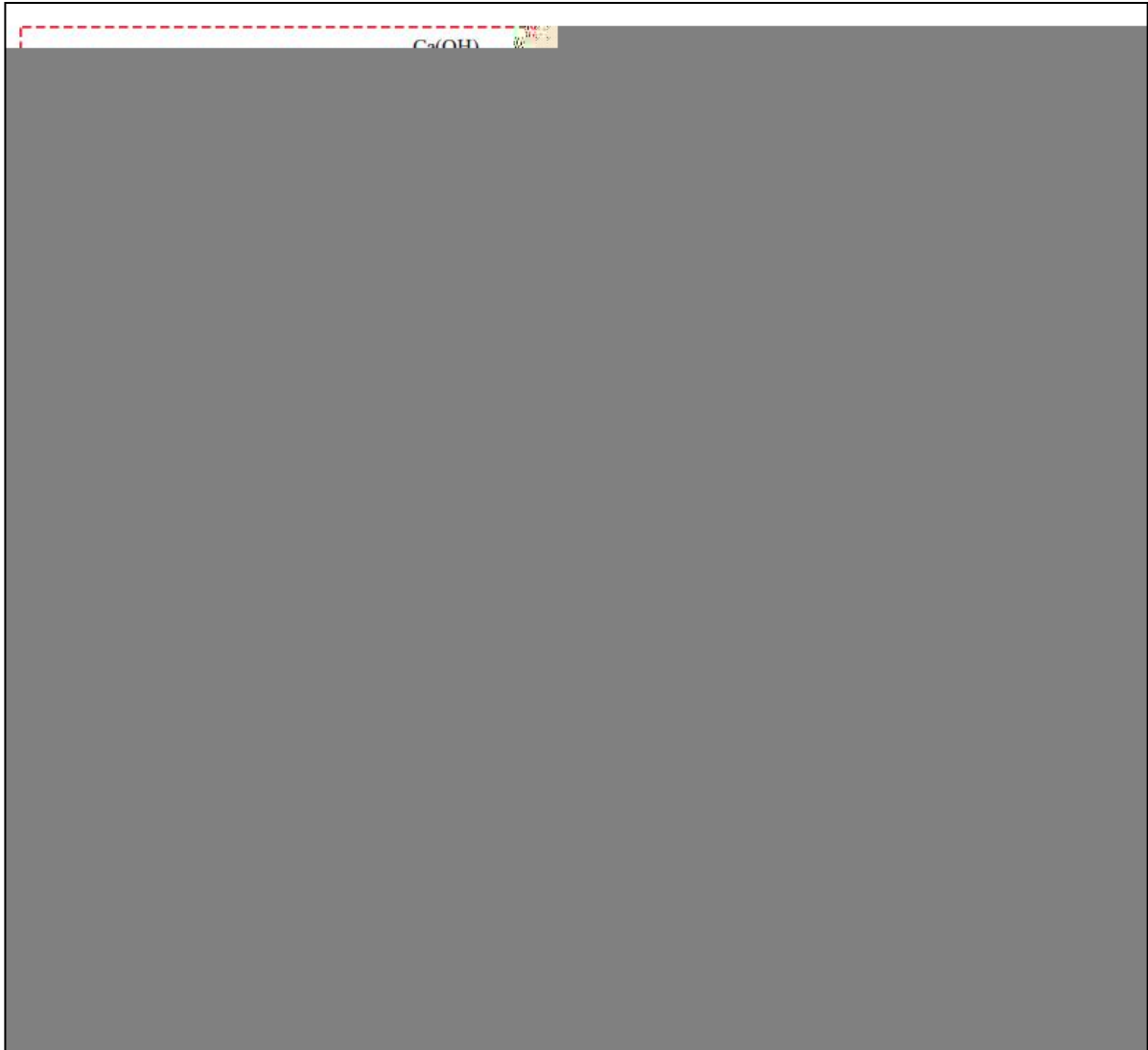


5



6





2.2-2

2.2-19					mg/L				
	2020	12	25			2020	12	26	
1	2		3	/	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

2.2.3.5

2.2-22 “ ”

2.3

“ ”

“ ”

“ ”

2.3-1

“ ”

		“ ”
—		
—		

3

3.1

3.1.1

3.1.2

3.1-1

		x x x x	
		x x x x	
		x x x x	

3.1-2

3.1.3

3.1.6

3.1-4

3.1-5

	-4' 4	43%		
		5%	25%	
	20%	60%		
N	0.5%	0.5%	0.5%	1% N 0.5%

3

3.2

3.2.1

1

1

1

1

图 3.2-1 焊接车间

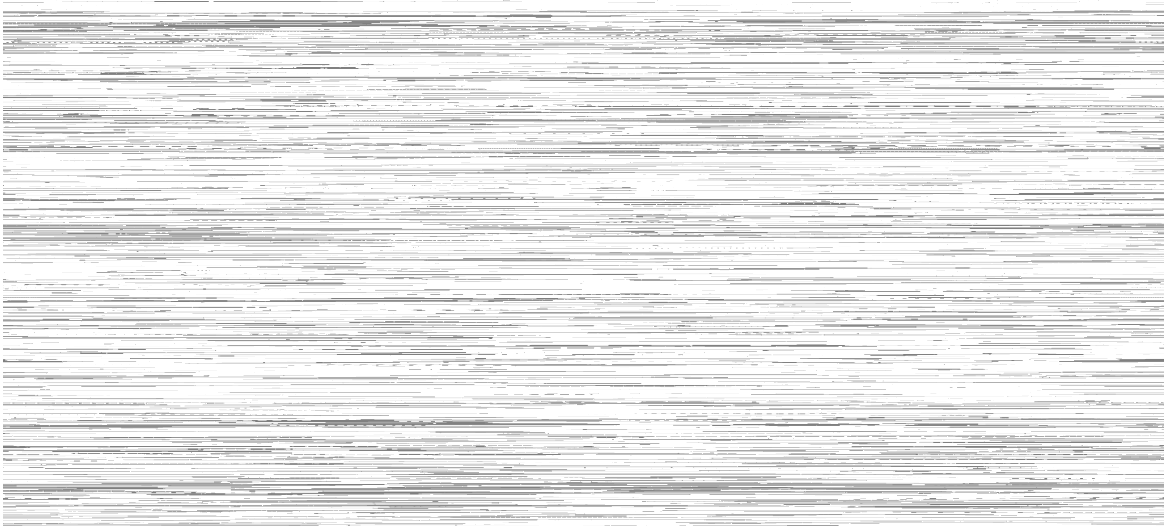
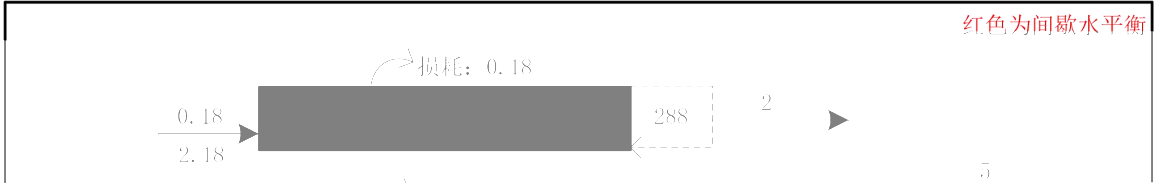
焊接车间

3.2-1

					/	

3.2.2

3.2-2				m³/d			



3.2-2

2

VOCs

3.2-3

	—					
	—					
	—					
	—					
	—					
	—					

3.2-4

	—	—	-	-	—	—
	—	—	-	-	—	—
	—	-	-	-	—	—

3.2-5 VOCs t/a

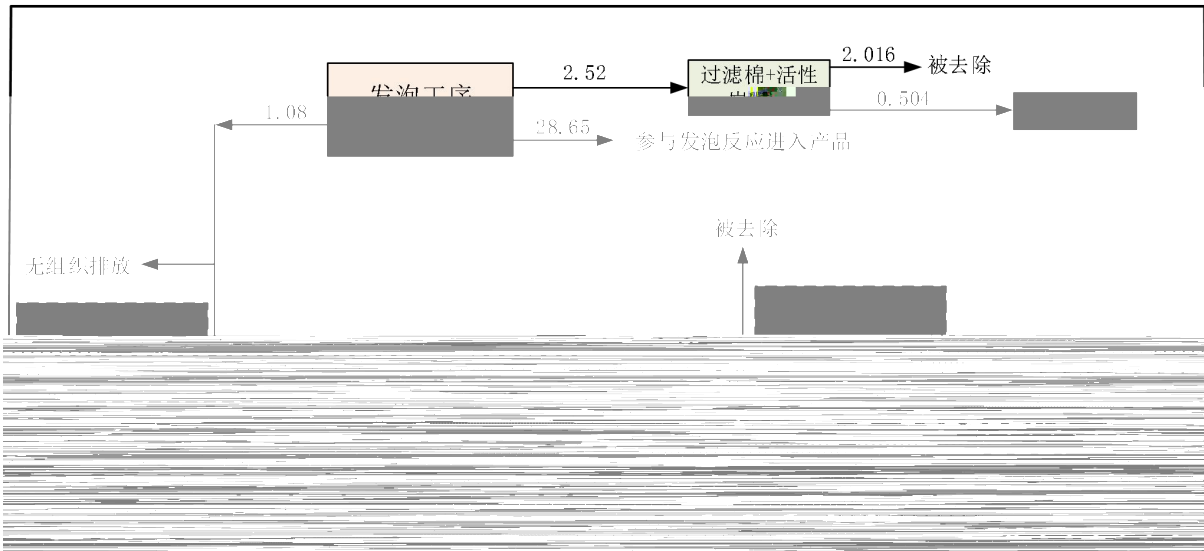
			—
			—
			—
	—		—
	—		
	—		
	—		
	—		
	—		
	—		
	—		—

3.2-6 t/a

			—
	—		—
	—		—
	—		
	—		
	—		—

3.2-7 t/a

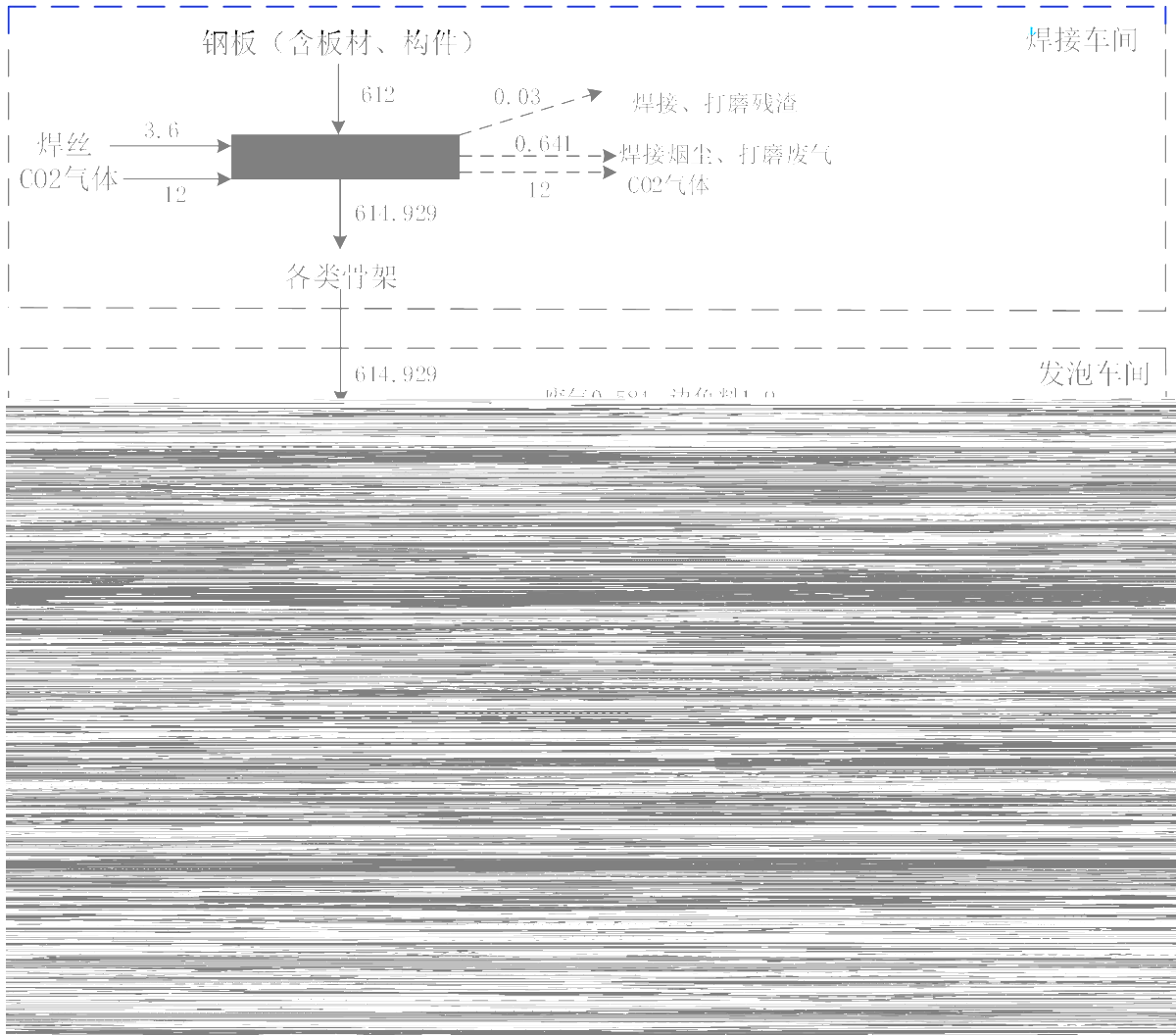
		—	—
	—	—	—
	—	—	—
	—		
	—		
	—		—



3.2-3 t/a

3.2.3

3.2-8



3.3

3.4

2

1

2

×

3.4-3

3

3.4-4

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

— —	— —	— — —	— —	— — —	— — — —	— —	— —	— —	— — — — —	— — —	— —
					— —	— —	— —	—	— —	— —	— — — — — —
				—	— — —	— — —	— — —	— —	—	—	
			—		— —	— —	— —	—	—	—	
				—	— —	— —	— —	—	—	—	
				—	— —	— —	— —	—	—	—	— —
				—	— —	— —	— —	—	—	—	— — — — — —
				—	— —	— —	— —	—	—	—	
				—	— —	— —	— —	—	—	—	
				—	— —	— —	— —	—	—	—	— — — — — —
				—	— —	— —	— —	—	—	—	— — — — — —
				—	— —	— —	— —	—	—	—	— — — — — —

3.4.5

1

3.4-12

2

3.4-13

3.4.6

1

—

3.4-14

				—	—			
				—	—			
				—	—			
—	—	—	—	—	—			

	_____	_____	_____	—	_____			
	_____		_____	—	_____			
			_____	—	_____			

2

3.5 “ ”

3.5.1 “ ”

3.5-1 “ ”

œ

		_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____
		_____	_____	_____	_____	_____
		_____	_____	_____	_____	_____
		_____	_____	_____	_____	_____

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

		$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	%	
		—	—	——	——
		—	—	—	——
		—	—	—	——
		—	—	——	——
		—	————	—	——
		——	—	—	——

4.2.2.3

4.2-3

4.2.2.4

$$y = MAX_n \sum_{j=1}^n C$$

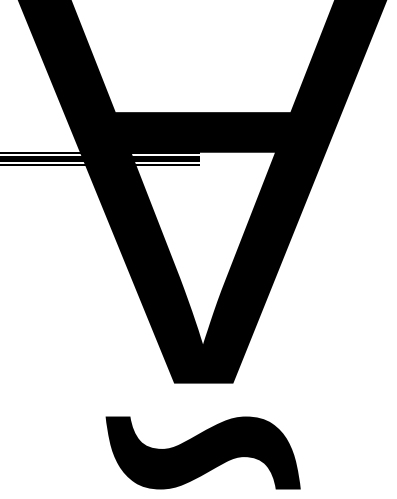
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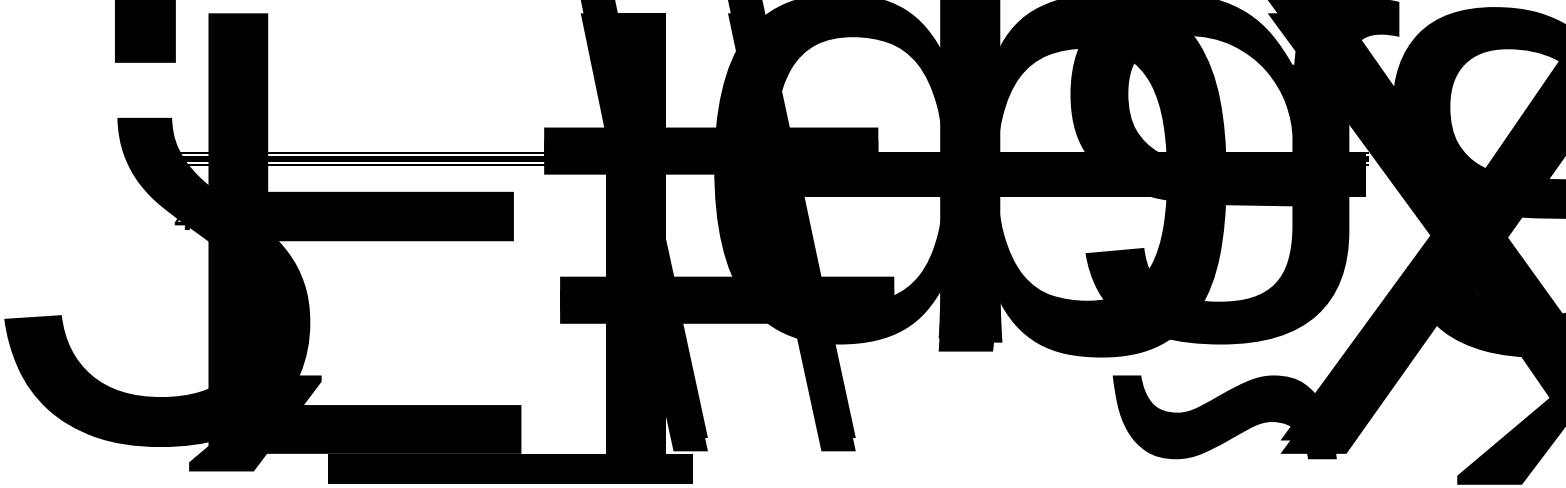
4.2-5		mg/m ³	

4.2-5				mg/m ³			
_____	_____	_____				_____	_____
		_____	_____	_____	_____		
_____	_____						
_____	_____						
_____	_____						
_____	_____						

4.3



4.3-1



4.4-1

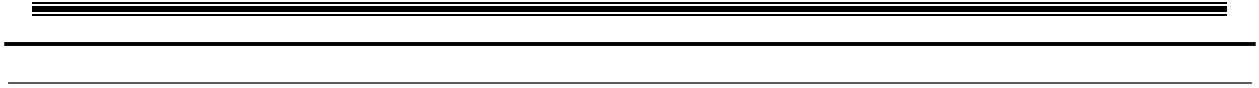
4.4.2

4.4.3

4.4.4

4.4-2

/



--	--	--	--

mg/L

4.5

4.5.1

4.5-1

4.5.2

mg/kg

4.5.5

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

P_i
 C_i
 C_{Si}

P_i
 P_i

4.5.6

1

4.5-3

			o			o	

mg/kg	pH
10	7.0
20	7.0
30	7.0
40	7.0
50	7.0
60	7.0
70	7.0
80	7.0
90	7.0
100	7.0
110	7.0
120	7.0
130	7.0
140	7.0
150	7.0
160	7.0
170	7.0
180	7.0
190	7.0
200	7.0
210	7.0
220	7.0
230	7.0
240	7.0
250	7.0
260	7.0
270	7.0
280	7.0
290	7.0
300	7.0
310	7.0
320	7.0
330	7.0
340	7.0
350	7.0
360	7.0
370	7.0
380	7.0
390	7.0
400	7.0
410	7.0
420	7.0
430	7.0
440	7.0
450	7.0
460	7.0
470	7.0
480	7.0
490	7.0
500	7.0
510	7.0
520	7.0
530	7.0
540	7.0
550	7.0
560	7.0
570	7.0
580	7.0
590	7.0
600	7.0
610	7.0
620	7.0
630	7.0
640	7.0
650	7.0
660	7.0
670	7.0
680	7.0
690	7.0
700	7.0
710	7.0
720	7.0
730	7.0
740	7.0
750	7.0
760	7.0
770	7.0
780	7.0
790	7.0
800	7.0
810	7.0
820	7.0
830	7.0
840	7.0
850	7.0
860	7.0
870	7.0
880	7.0
890	7.0
900	7.0
910	7.0
920	7.0
930	7.0
940	7.0
950	7.0
960	7.0
970	7.0
980	7.0
990	7.0
1000	7.0

[illegible]

“ < ”

4.6

4.6.1

4.6-1

4.6.2

4.6.3

4.6.4

4.6.5

4.6.6

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

					t/a
				mg/m ³	

5.2-3

/

	_____	_____

5.2-4

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

2

5.2-5

[illegible]

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

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

5

[illegible][illegible]

5.5

5.5.1

5.5-1					dB(A)	

5.5.2

$$L_{p2} = L_{p1} - (TL + 6) \quad (\text{A.6})$$



$$L_{P1i}(T) = 10 \lg \left(\sum_{i=1}^N 10^{0.1 L_{P1ij}} \right) \quad (\text{A.8})$$

$$L_{p2i}(T)=L_{p1i}(T)-(Tf_{i1}^{\text{Li}}-Tf_{i2}^{\text{Li}}) \quad (A.9)$$

$$L_W=L_{p2}(T)-Tf_{12}^{\text{Li}} \quad (A.10)$$

$$L_A(r)=L_A(r)-Tf_{12}^{\text{Li}} \quad (r=r)$$

$$\mathbf{L}=\sum_{i=1}^n\mathbf{L}_i$$

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

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

		≥

--	--	--	--	--

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-	_____	_____	_____	_____		
-	_____	_____	_____	_____		

5.9.4

1

5.9-8

Đ		
	"	

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 _____

ρ ρ
$$Q$$
$$g$$
$$U$$
 R_i

R_i

5.9-12

ug/m³

		-	-	-			
		-			-	-	-

5.9-13

			-		



5.9-1 mg/m^3

5.9-14 MDI

_____	_____	
	_____	_____
—	—	_____
—	—	_____
—	—	_____
—	—	_____
—	—	_____
—	—	_____
—	—	_____
—	—	_____
—	—	_____
—	—	_____
—	—	_____

5.9-15 MDI

ug/m³

5.9-16



5.9-2 MDI mg/m³

5.9.5.2

6

6.1

6.1.1

1

2

≥

6.1-1

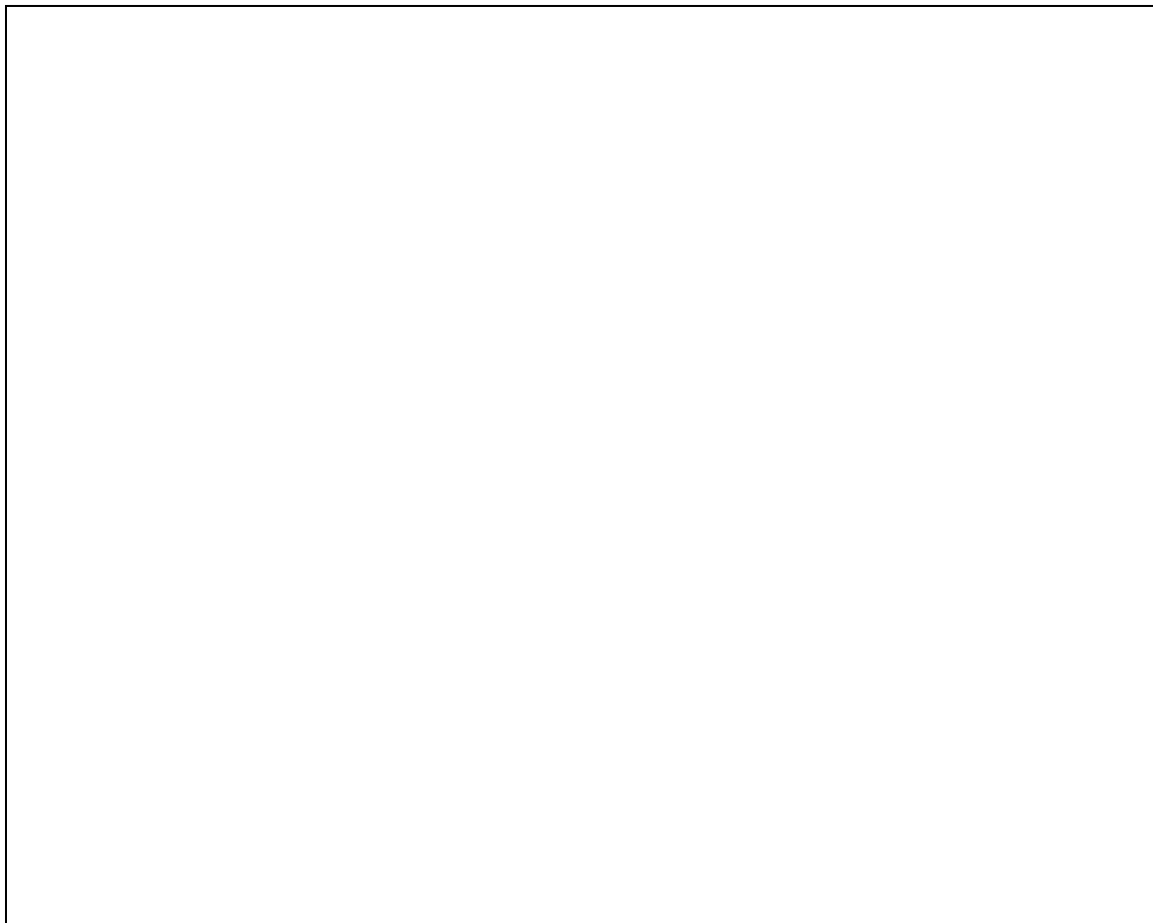


6.1-2

6.2.2

1

2



6.2-1

6.2.4

6.3

“

”

6.3.1

6.3.2

6.3-1

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

6.4

[illegible]

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/m³

t/a

mg/m³

t/a

8.3-1

			_____	_____		
			_____	_____		
			_____	_____		
		_____	_____	_____		
	_____	_____	_____	_____		
	_____	_____	_____	_____		
	_____	_____	_____	_____		
	_____	_____	_____	_____		
	_____	_____	_____	_____		
	_____	_____	_____	_____		
	_____	_____	_____	_____		
	_____	_____	_____	_____		
	_____	_____	_____	_____		
	_____	_____	_____	_____		
			_____	_____		

8.4

8.4-1

“ ”

		/			

9

9.1

2

"

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

9.6

9.7

—

—

9.8

9.9

“ ”