30

( )

(1)

1

220kV

(2021) 161

2

(2)

3

(3)

4

(1)

(4)

(2)

(3)

(4)

5

(

9)

(6)

1

1.1

1.1.1

1.1.2

1.1.3

1.1.4

1.2

1.2.1

1.2.2

(1)

(2)

(3)

1.3

1.3.1

1.3.2

1.4

1.4.1

1.4.1-1

1.4.2

1.4.2-1

1.5

1.5.1

1

1.5.1-1

2

1.5.1-2 (mg/L)

3

1.5.1-3

4

1.5.1-4 **dB(A)**

5

1.5.1-5 **( )** **mg/kg**

1.5.1-6 ( ) mg/kg

			pH≤5.5	**5.5 pH≤6.5**	**6.5 pH≤7.5**	**pH 7.5**

1.5.2

1.5.2.1

1

1.5.2-1

		(mg/m^3)

2

3

1.5.2-2 **(leq[dB(A)])**

4

1.5.2.2

1

1.5.2-3

(kg/h)

(mg/m^3) **(m)** **(mg/m^3)**

(GB 16297-1996)

7.1

7.3

25m

1.5.2-4

		(mg/m^3)			
		( )			

(GB 9078-1996) 4.6

4.6.1

4.6.2

4.6.3

4.6.4

25m

28m

(GB 16297-1996) 2

30m

1.5.2-5

(GB13271-2014) 4.5

25m **28m**

1.5.2-6

		(mg/m^3)	

2

(1)

1.5.2-7 **mg/L**

(2)

1.5.2-8

3

1.5.2-9 **(leq[dB(A)])**

4

1.6

1.6.1

1

$$= \frac{C}{C} \times$$

1.6.1-1

1.6.1-2

2

1.6.2

1

1.6.2-1

Q/(m^3/d)
W/( )

B

2

1.6.3

1

(1)

(2)

1.6.3-1

(3)

2

1.6.5

1

1.6.5-1

1.6.5-2

	I			II			III		

2

1.6.6

1

1.6.6-1

2

1.6.7

1

1.6.7-1

= — + — + ··· —

1.6.7-2 (Q)

		CAS	Q(t)	q(t)	q/Q

2

1.7

1

1.7-1

	/m					
	X	Y				/m

2

1.7-2

			(m)	

3

1.7-3

4

5

1.8

2

2.1

2.2

2.2-1

2.4

2.4.1

		(t/a)	
		300000	**/**

2.4.2

			AG-CMB- -24-355	**AG-NAG- -20-340**	**AG-PAG- -18-300**

”

2.5-2

		(/)	

2.6.3

1

2

2.7

2.7.1

1

2

2.7.2

2.7.3

1

2

3

2.7.3-1

2.7.3-1

4

2.7.4

1

2.7.4-1

				(t/a)	
				575948.21	

2

2.7.4-2

					(t/a)	

3

2.7.4-3

			(m)	**(m^2)**		

2.7.5

2.7.6

1

2.7.6-1

2

2.8

2.8.1

1

2

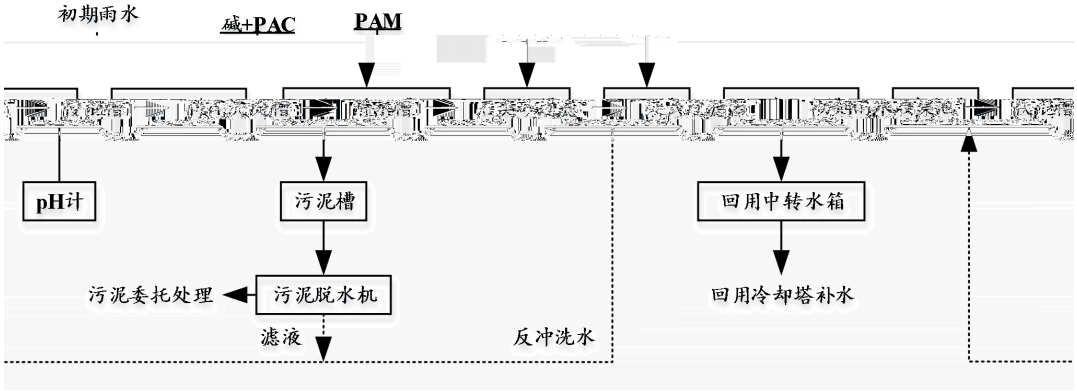
3

2.8.2

1

2

3



2.8.2-1

2.9

2.9.1

1

2

3

4

2.9.2

2.9-1

2.10

1

2.10-1

		4000	

2.11

2.11-1

3

3.1

3.1.1

3.1-1

3.1-2

3.1.2

3.1-3

3.1.3

3.1-4

3.2.1-1

3.2.1-1

3.2.2

3.2.2.1 1

3.2.2-1 1

1

1

2

(1)

(2)

3

4

1

2

3

1

(1)

(2)

(3)

2

: * ‡ H • @ Op

3.2.2-1 1

3.2.2.2 2

3.2.2-2 2

2

1

2

3

(1)

(2)

(3)

1

2

3

1

(1)

(2)

(3)

2

"D™b4ÿO Ë2$@"D™b4ÿO Ë “ 0P@ÂjLY 4ÿL ™XI

3.2.2-2 2

3.2.2.3 3

3.2.2-3 3

3

1

2

(1) /

X4ê »/ È(™ !$ $-

3

[illegible]

1

2

3

1

(1)

(2)

(3)

2

3.3

3.3.1

3.3-1 1

3.3-2 2

3.3-3 3

3.3.2

3.3.2-1 **(m^3/d)**

3.3.2-2 (m^3/d)

3.4

3.4.1

1

3.4-1

2

(1)

a

3.4.1-3

	(g/L)	(g/L)	
CO			
NOx			

(2)

(3)

(4)

3.4.1-4

		dB(A)

(5)

3.4.2

3.4.2.1

1

1

(1)

3.4.2-1

			(t/a)		(m^3/h)	(mg/m^3)	(kg/h)	(t/a)				(mg/m^3)	(kg/h)	(t/a)	

(2)

3.4.2-2

			(t/a)		(m^3/h)	(mg/m^3)	(kg/h)	(t/a)				(mg/m^3)	(kg/h)	(t/a)	

(3)

3.4.2-3

			(t/a)		(kg/h)	(t/a)			(kg/h)	(t/a)	

(4)

3.4.2-4

			(t/a)		(m^3/h)	(mg/m^3)	(kg/h)	(t/a)				(mg/m^3)	(kg/h)	(t/a)		

	(t/a)		**(m^3/h)**	**(mg/m^3)**	**(kg/h)**	**(t/a)**			**(kg/h)**	**(t/a)**

(2)

1)

3.4.2-6

3.4.2-7

	+		

3.4.2-8

3.4.2-9 RTO

		SO_2		NOx	
(kg/h)	(t/a)	(kg/h)	(t/a)	(kg/h)	(t/a)

3.4.2-10

		(m^3/h)											
			(mg/m^3)	(kg/h)	(t/a)			(mg/m^3)	(kg/h)	(t/a)	(mg/m^3)	(kg/h)	

2)

3.4.2-11 RTO

		SO_2		NOx	
(kg/h)	(t/a)	(kg/h)	(t/a)	(kg/h)	(t/a)

3.4.2-12

		(m^3/h)											
			(mg/m^3)	(kg/h)	(t/a)			(mg/m^3)	(kg/h)	(t/a)	(mg/m^3)	(kg/h)	

(1)

(2)

$$= \sum_{=} E$$

$$E = \quad \times$$

3.4.2-13

					(t/a)

3.4.2-14

		(m³/h)											
			(mg/m³)	(kg/h)	(t/a)			(mg/m³)	(kg/h)	(t/a)	(mg/m³)	(kg/h)	

4

(1)

(2) **(** **)**

(3)

3.4.2-15

3.4.2-16

		SO_2		**NOx**	
(kg/h)	**(t/a)**	**(kg/h)**	**(t/a)**	**(kg/h)**	**(t/a)**

3.4.2-18 1

				(mg/m³)	(kg/h)	(t/a)	(mg/m³)	(kg/h)	(t/a)
				2299.5782	**4.4957**	**35.6044**	**20.6956**	**0.0409**	**0.321**

				772.8974	**28.2897**	**224.0532**	**30.4962**	**2.1378**	**16.9314**
			SO_2	**0.0142**	**0.0011**	**0.009**	**0.0142**	**0.0011**	**0.009**
			NOx	**0.5950**	**0.0476**	**0.377**	**0.5950**	**0.0476**	**0.377**
			NMHC	**769.2161**	**61.5373**	**487.3753**	**15.3843**	**1.2307**	**9.7475**
				777.4754	**62.1980**	**492.6084**	**15.5495**	**1.2439**	**9.8522**
			[a]						
				56.4808	**5.648**	**44.7328**	**16.9444**	**1.6944**	**13.42**

			SO_2	**225.9232**	**22.5924**	**178.9312**	**45.1848**	**4.5184**	**35.7864**
			NOx	**135.554**	**13.5552**	**107.3588**	**135.554**	**13.5552**	**107.3588**
				613.0987	**22.441**	**177.7329**	**24.1915**	**1.6959**	**13.4313**
			SO_2	**0.0142**	**0.0011**	**0.009**	**0.0142**	**0.0011**	**0.009**
			NOx	**0.5950**	**0.0476**	**0.377**	**0.5950**	**0.0476**	**0.377**
			NMHC	**606.0876**	**48.4870**	**384.0171**	**12.1218**	**0.9697**	**7.6803**
				777.4754	**62.1980**	**492.6084**	**15.5495**	**1.2439**	**9.8522**
			[a]	**1.2×10^{-5}**	**9.3×10^{-6}**	**7.4×10^{-5}**	**9.3×10^{-7}**	**1.9×10^{-7}**	**1.5×10^{-6}**

				904.9172	**57.2020**	**453.0398**	**47.7728**	**4.4776**	**35.4632**
			SO_2	**0.3624**	**0.0362**	**0.2870**	**0.3624**	**0.0362**	**0.2870**
			NOx	**14.3902**	**1.4390**	**11.3970**	**14.3902**	**1.4390**	**11.3970**
				756.115	**75.6116**	**598.8432**	**15.1224**	**1.5122**	**11.9768**
			[a]	**1.1×10^{-4}**	**1.1×10^{-5}**	**9.0×10^{-4}**	**2.4×10^{-7}**	**2.4×10^{-7}**	**1.9×10^{-6}**
				4646.9723	**118.0764**	**935.1631**	**140.1005**	**10.0466**	**79.5669**
			SO_2	**226.314**	**22.6308**	**179.2362**	**45.5756**	**4.5568**	**36.0914**
			NOx	**151.1342**	**15.0894**	**119.5098**	**151.1342**	**15.0894**	**119.5098**
			NMHC	**1375.3037**	**110.0243**	**871.3924**	**27.5061**	**2.2004**	**17.4278**
				2311.0658	**200.0076**	**1584.0600**	**46.2214**	**4.0000**	**31.6812**
			[a]	**1.3×10^{-4}**	**3.0×10^{-5}**	**1.0×10^{-3}**	**2.1×10^{-6}**	**6.2×10^{-7}**	**4.9×10^{-6}**

3.4.2-19 1

			(kg/h)	**(t/a)**	**(kg/h)**	**(t/a)**

			10.5359	**83.4443**	**0.00778667**	**0.0615053**
			0.2314	**1.8332**	**0.000024**	**0.0002**
			11.272	**89.2739**	**0.0049**	**0.039**
			2.9194	**23.1216**	**0.0002092**	**0.0023**

			0.1812	**1.4349**	**0.0000181**	**0.000143**
			7.2354	**57.3033**	**0.0023**	**0.0187**
			32.3753	**256.4112**	**0.0152**	**0.1219**

2

1

(1)

3.4.2-20

(t/a) **(m^3/h)** **(mg/m^3)** **(kg/h)** **(t/a)** **(mg/m^3)** **(kg/h)** **(t/a)**

(2)

3.4.2-21

			(t/a)		**(m^3/h)**	**(mg/m^3)**	**(kg/h)**	**(t/a)**				**(mg/m^3)**	**(kg/h)**	**(t/a)**	

(3)

3.4.2-22

			(t/a)		(kg/h)	(t/a)			(kg/h)	(t/a)	

(4)

3.4.2-23

			(t/a)		(m^3/h)	(mg/m^3)	(kg/h)	(t/a)				(mg/m^3)	(kg/h)	(t/a)		

(5)

3.4.2-24

			(t/a)		(m^3/h)	(mg/m^3)	(kg/h)	(t/a)			(kg/h)	(t/a)	

(6)

3.4.2-25

			(t/a)		**(m^3/h)**	**(mg/m^3)**	**(kg/h)**	**(t/a)**				**(mg/m^3)**	**(kg/h)**	**(t/a)**		

2

(1)

3.4.2-26 RTO

		SO_2		NOx	
(kg/h)	(t/a)	(kg/h)	(t/a)	(kg/h)	(t/a)

3.4.2-27

		(m³/h)	(mg/m³)	(kg/h)	(t/a)			(mg/m³)	(kg/h)	(t/a)	(mg/m³)	(kg/h)	

2)

3.4.2-28 RTO

		SO_2		NOx	
(kg/h)	(t/a)	(kg/h)	(t/a)	(kg/h)	(t/a)

3.4.2-29

		(m^3/h)											
			(mg/m^3)	(kg/h)	(t/a)			(mg/m^3)	(kg/h)	(t/a)	(mg/m^3)	(kg/h)	

3

$$= \sum_{=} E$$

$$E = \quad \times$$

3.4.2-30

					(t/a)

3.4.2-31

(m^3/h) **(mg/m^3)** **(kg/h)** **(t/a)** **(mg/m^3)** **(kg/h)** **(t/a)** **(mg/m^3)** **(kg/h)**

4

(1)

(2) **(** **)**

(3)

3.4.2-32

		SO_2		NOx	
(kg/h)	(t/a)	(kg/h)	(t/a)	(kg/h)	(t/a)

3.4.2-33

(m^3/h)	(mg/m^3)	(kg/h)	(t/a)		(mg/m^3)	(kg/h)	(t/a)	(mg/m^3)	(kg/h)

5

3.4.2-34 2

				(mg/m^3)	(kg/h)	(t/a)	(mg/m^3)	(kg/h)	(t/a)
				1305.296	**2.5071**	**54.4408**	**11.7476**	**0.0223**	**0.1786**

				773.3064	**28.3046**	**224.172**	**30.5123**	**2.139**	**16.9406**
			SO_2	**0.0142**	**0.0011**	**0.009**	**0.0142**	**0.0011**	**0.009**
			NOx	**0.5950**	**0.0476**	**0.377**	**0.5950**	**0.0476**	**0.377**
			NMHC	**345.2236**	**27.6179**	**218.7337**	**6.9045**	**0.5524**	**4.3747**
				777.4754	**62.1980**	**492.6084**	**15.5495**	**1.2439**	**9.8522**
			[a]	**1.2×10^{-5}**	**9.3×10^{-6}**	**7.4×10^{-5}**	**9.3×10^{-7}**	**1.9×10^{-7}**	**1.5×10^{-6}**

				56.5108	5.6512	44.7564	16.9532	1.6952	13.4268
			SO_2	226.0428	22.6044	179.026	45.2084	4.5208	35.8052
			NOx	135.6256	13.5624	107.4156	135.6256	13.5624	107.4156
				614.2699	22.4839	178.0723	24.2377	1.6991	13.4567
			SO_2	0.006	0.0012	0.009	0.006	0.0012	0.009
			NOx	0.32	0.064	0.377	0.32	0.064	0.377
			NMHC	115.165	23.033	182.421	2.303	0.461	3.648
				777.4754	62.1980	492.6084	15.5495	1.2439	9.8522
			[a]	1.2×10^{-5}	9.3×10^{-6}	7.4×10^{-5}	9.3×10^{-7}	1.9×10^{-7}	1.5×10^{-6}

				906.4608	**57.2928**	**453.7578**	**47.8492**	**4.4848**	**35.519**
			SO_2	**0.3624**	**0.0362**	**0.287**	**0.3624**	**0.0362**	**0.287**
			NOx	**14.3902**	**1.439**	**11.397**	**14.3902**	**1.439**	**11.397**
				757.3098	**75.731**	**599.7894**	**15.1462**	**1.5146**	**11.9958**
			[a]	**1.1×10^{-4}**	**1.1×10^{-5}**	**9.0×10^{-4}**	**2.4×10^{-7}**	**2.4×10^{-7}**	**1.9×10^{-6}**
				3655.8439	**116.2396**	**955.1993**	**131.3**	**10.0404**	**79.5217**
			SO_2	**226.4254**	**22.6429**	**179.331**	**45.591**	**4.5593**	**36.1102**
			NOx	**150.9308**	**15.113**	**119.5666**	**150.9308**	**15.113**	**119.5666**
			NMHC	**460.3886**	**50.6509**	**401.1547**	**9.2075**	**1.0134**	**8.0227**
				2312.2606	**200.127**	**1585.0062**	**46.2452**	**4.0024**	**31.7002**
			[a]	**1.3×10^{-4}**	**3.0×10^{-5}**	**1.0×10^{-3}**	**2.1×10^{-6}**	**6.2×10^{-7}**	**4.9×10^{-6}**

3.4.2-35 2

			(kg/h)	**(t/a)**	**(kg/h)**	**(t/a)**

			8.0614	**63.8463**	**0.00522667**	**0.0413053**
			0.2312	**1.8306**	**0.000024**	**0.0002**
			11.2776	**89.3192**	**0.0049**	**0.039**
			2.9194	**23.1218**	**0.0002092**	**0.0023**
			0.1815	**1.4376**	**0.0000181**	**0.000144**

			7.2497	**57.4157**	**0.0023**	**0.0187**
			29.9208	**236.9712**	**0.0127**	**0.1017**

3

1

(1)

3.4.2-36

			(t/a)		**(m^3/h)**	**(mg/m^3)**	**(kg/h)**	**(t/a)**				**(mg/m^3)**	**(kg/h)**	**(t/a)**	

(2)

3.4.2-37

(t/a) **(m^3/h)** **(mg/m^3)** **(kg/h)** **(t/a)**

			(t/a)		**(kg/h)**	**(t/a)**			**(kg/h)**	**(t/a)**	

(4)

3.4.2-39

			(t/a)		**(m^3/h)**	**(mg/m^3)**	**(kg/h)**	**(t/a)**				**(mg/m^3)**	**(kg/h)**	**(t/a)**		

(5)

3.4.2-40

			(t/a)		(m^3/h)	(mg/m^3)	(kg/h)	(t/a)			(kg/h)	(t/a)	

2

(1)

3.4.2-41 RTO

		SO_2		NOx	
(kg/h)	(t/a)	(kg/h)	(t/a)	(kg/h)	(t/a)

3.4.2-42

(m^3/h)									
	(mg/m^3)	**(kg/h)**	**(t/a)**		**(mg/m^3)**	**(kg/h)**	**(t/a)**	**(mg/m^3)**	**(kg/h)**

3.4.2-43 RTO

		SO_2		NOx	
(kg/h)	(t/a)	(kg/h)	(t/a)	(kg/h)	(t/a)

3.4.2-44

		(m^3/h)											
			(mg/m^3)	(kg/h)	(t/a)			(mg/m^3)	(kg/h)	(t/a)	(mg/m^3)	(kg/h)	

3

$$= \sum_{=} E$$

$$E = \quad \times$$

3.4.2-45

				(t/a)

3.4.2-46

		(m³/h)											
			(mg/m³)	(kg/h)	(t/a)			(mg/m³)	(kg/h)	(t/a)	(mg/m³)	(kg/h)	

4

(1)

(2) **(** **)**

(3)

3.4.2-47

3.4.2-48

		SO_2		NOx	
(kg/h)	(t/a)	(kg/h)	(t/a)	(kg/h)	(t/a)

3.4.2-49

		(m^3/h)											
			(mg/m^3)	(kg/h)	(t/a)			(mg/m^3)	(kg/h)	(t/a)	(mg/m^3)	(kg/h)	

				2329.783	**4.5557**	**36.0828**	**20.9676**	**0.0409**	**0.3242**
				763.6061	**27.5273**	**218.0157**	**29.7353**	**2.0768**	**16.4481**
			SO_2	**0.0142**	**0.0011**	**0.009**	**0.0142**	**0.0011**	**0.009**
			NOx	**0.5950**	**0.0476**	**0.377**	**0.5950**	**0.0476**	**0.377**

NMHC	**535.0909**	**42.8073**	**339.0336**	**10.7018**	**0.8561**	**6.7807**
	777.4754	**62.1980**	**492.6084**	**15.5495**	**1.2439**	**9.8522**
[a]	**1.2×10^{-5}**	**9.3×10^{-6}**	**7.4×10^{-5}**	**9.3×10^{-7}**	**1.9×10^{-7}**	**1.5×10^{-6}**

				613.8452	**22.4707**	**177.968**	**24.2233**	**1.6981**	**13.4491**
			SO_2	**0.0142**	**0.0011**	**0.009**	**0.0142**	**0.0011**	**0.009**
			NOx	**0.5950**	**0.0476**	**0.377**	**0.5950**	**0.0476**	**0.377**
			NMHC	**433.1395**	**34.6512**	**274.4372**	**8.6628**	**0.6930**	**5.4887**
				777.4754	**62.1980**	**492.6084**	**15.5495**	**1.2439**	**9.8522**
			[a]	**1.2×10^{-5}**	**9.3×10^{-6}**	**7.4×10^{-5}**	**9.3×10^{-7}**	**1.9×10^{-7}**	**1.5×10^{-6}**
				905.9368	**57.2664**	**453.55**	**47.7762**	**4.4776**	**35.4634**
			SO_2	**0.3624**	**0.0362**	**0.287**	**0.3624**	**0.0362**	**0.287**
			NOx	**14.3902**	**1.439**	**11.397**	**14.3902**	**1.439**	**11.397**

		756.9684	75.6968	599.519	15.1394	1.514	11.9904
	[a]	1.1×10^{-4}	1.1×10^{-5}	9.0×10^{-5}	2.4×10^{-7}	2.4×10^{-7}	1.9×10^{-6}
		4669.6839	117.4713	930.3745	139.656	9.9886	79.1124
	SO_2	226.4416	22.6436	179.3374	45.6012	4.5596	36.1114
	NOx	151.2106	15.0974	119.5702	151.2106	15.0974	119.5702
	NMHC	968.2304	77.4585	613.4708	19.3646	1.5491	12.2694
		2311.9192	200.0928	1584.7358	46.2384	4.0018	31.6948
	[a]	1.3×10^{-4}	3.0×10^{-5}	1.0×10^{-3}	2.1×10^{-6}	6.2×10^{-7}	4.9×10^{-6}

3.4.2-51 3

(kg/h) (t/a) (kg/h) (t/a)

			0.2314	**1.8322**	**0.000024**	**0.0002**
			11.2784	**89.3242**	**0.0049**	**0.039**
			2.9198	**23.1249**	**0.0002092**	**0.0023**
			0.1814	**1.4365**	**0.0000181**	**0.000143**

		7.2439	**57.3703**	**0.0023**	**0.0187**
		32.5274	**257.6139**	**0.0153**	**0.1226**

(DA093)

3.4.2-52

3.4.2-53

	(2 4t/h)		

3.4.2.2

1

3.4.2-54

			(%)	(m^3/h)				(%)			
					(m^3/h)	(m^3/d)	(m^3/a)		(m^3/h)	(m^3/d)	(m^3/a)

					8000	**192000**	**63360000**		**160**	**3840**	**1267200**
					3992	**95808**	**31616640**		**79.84**	**1916.16**	**632333**

2

3

4

3.4.2-55 **(m³/a)**

5

(1)

(2)

6

7

3.4.2-56 (m^3/d)

1

3.4.2-57

(m^3/a)		**(mg/L)**	**(t/a)**	

2

3.4.2-58

(m^3/a)		**(mg/L)**	**(t/a)**	

3.4.2.3

1 (S1)

2 (S2)

3 (S3)

4 (S4)

(1)

(2)

9 (S9)

10 (S10)

(1)

(2)

									(t/a)	
4342.8877t/a										
250561.1156t/a										
899.292t/a										

3.4.2.4

3.4.3-59 **dB(A)**

		( )					
		1	2	3			

3.5

3.5.1

		(kg/h)	

3.5.2

3.5-2

		(mg/L)

3.6

3.6-1

			(t/a)	(t/a)	(t/a)

3.7

3.7.1

3.7.2

3.7.3

1

(1)

(2)

(3)

(4)

(5)

2

3

(1)

(2)

(3)

(4)

(5)

(6)

(7)

4

(1)

(2)

(3)

(4)

(5)

(6)

(7)

3.7.4

3.8

3.8.1

( )

( )

( )

( )

3.8.2

( )

3.8-1

( )

( )

( )

1 **CO_2**

2 **CO_2**

3 **CO_2**

3.8.3

( )

( )

( )

1 **CO_2**

$$C \quad = \sum \left(AD \times CC \times \quad F \times — \right)$$

$$CC = \quad C \quad \times EF$$

3.8-2

	(Nm^3)	(GJ/ GJ/Nm^3)	(tC/GJ)	(%)	

2 CO_2

$$C_{2-} = \left\{\sum (AD \times CC) - \left[\sum (AD \times CC) + \sum (AD \times CC)\right]\right\} \times \frac{44}{12}$$

3 **CO_2**

$$C_{2-} = AD \times EF$$

3.8-3 **(tCO_2)**

		(t)
		2224751.183

3.8.4

1

2

3

3.8.5

4

4.1

1

4.2

4.2.1

1

2

4.2.2

1

2

4.2.3

4.2.4

2

4.2.5

4.2.6

4.3

4.3.1

4.3.1.1

4.3.1.3

1

4.3.1-2 NH_3 H_2S

						/m

2

4.3.1-3

		(μg/m³)	(μg/m³)	(%)	(%)	

4.3.2

4.3.2.1

4.3.2-1　2019　-2021

	2019	2020	2021	

4.3.2.2

4.2-4 2020 12

pH	COD	BOD_5																		
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	MPN/L
		超标			超标	/														
			超标	超标		/														超标
			超标		超标															

4.3.3

4.3.3.1

1

2

4.3.3-1

3

4

4.3.3.2

4.3.3-1 W1 mg/L

W1(ZK1)

2022.8.9 2022.8.10 2022.8.11

4.3.3-2 W2 mg/L

	W2(ZK2)				
	2022.8.9	2022.8.10	2022.8.11		

4.3.3-3 W3 mg/L

	1#			
	2021.3.26	**2021.3.27**		

4.3.4

4.3.4.1

4.3.4.2

4.3.4-1 S1 mg/kg

	S1							
	0-50cm	50-150cm	150-300cm					
/	2022 7 14							
	YNZKSC20220714007-S001	YNZKSC20220714007-S002	YNZKSC20220714007-S003					

4.3.4-2 S2 S3 S4

	S2			S3			S4					
	0-50cm	50-150cm	150-300cm	0-50cm	50-150cm	150-300cm						
	2022 7 14											

4.3.4-3 S5 S6 mg/kg

	S5			S6		
/	2022 7 14					
	YNZKSC20220714007-S011			YNZKSC20220714007-S012		

4.3.5

4.3.5.1

4.3.5.2

4.3.5-1 (Leq(A))

	2022.7.14-15		2022.7.15-16	
	65	**55**	**65**	**55**
	60	**50**	**60**	**50**

4.3.6

4.3.6.1

4.3.6.2

4.3.6.3

4.4

4.4.1

1

2

3

4

1

1

4.4.1-2

		( )
-		

3 **( )**

4.4.1-3 **( )**

		( )
-		

4

4.4.1-4

	( )

5 320

4.4.1-5 320

	( )

1

2

(1)

(2)

(3)

(4)

1

3

1

4.4.1-6

		(MVA)	(hm^2)	

4.4.2

5

5.1

5.1.1

1

2

5.1.2

1

2

3

5.1.3

5.1.3-1

		dB(A)

$$( ) = \quad ( ) - (\quad + \quad + \quad + \quad)$$

5.1.3-2 (dB(A))

			5m	10m	20m	30m	40m	50m	100m	200m

5.1.4

1.

2.

3.

5.1.5

1

2

(

6)

(**9)**

3

4

5

5.2

5.2.1

5.2.1.1

1

5.2.1-1

		(°)	(°)	(km)	(m)		

5.2.1-3

3　2021

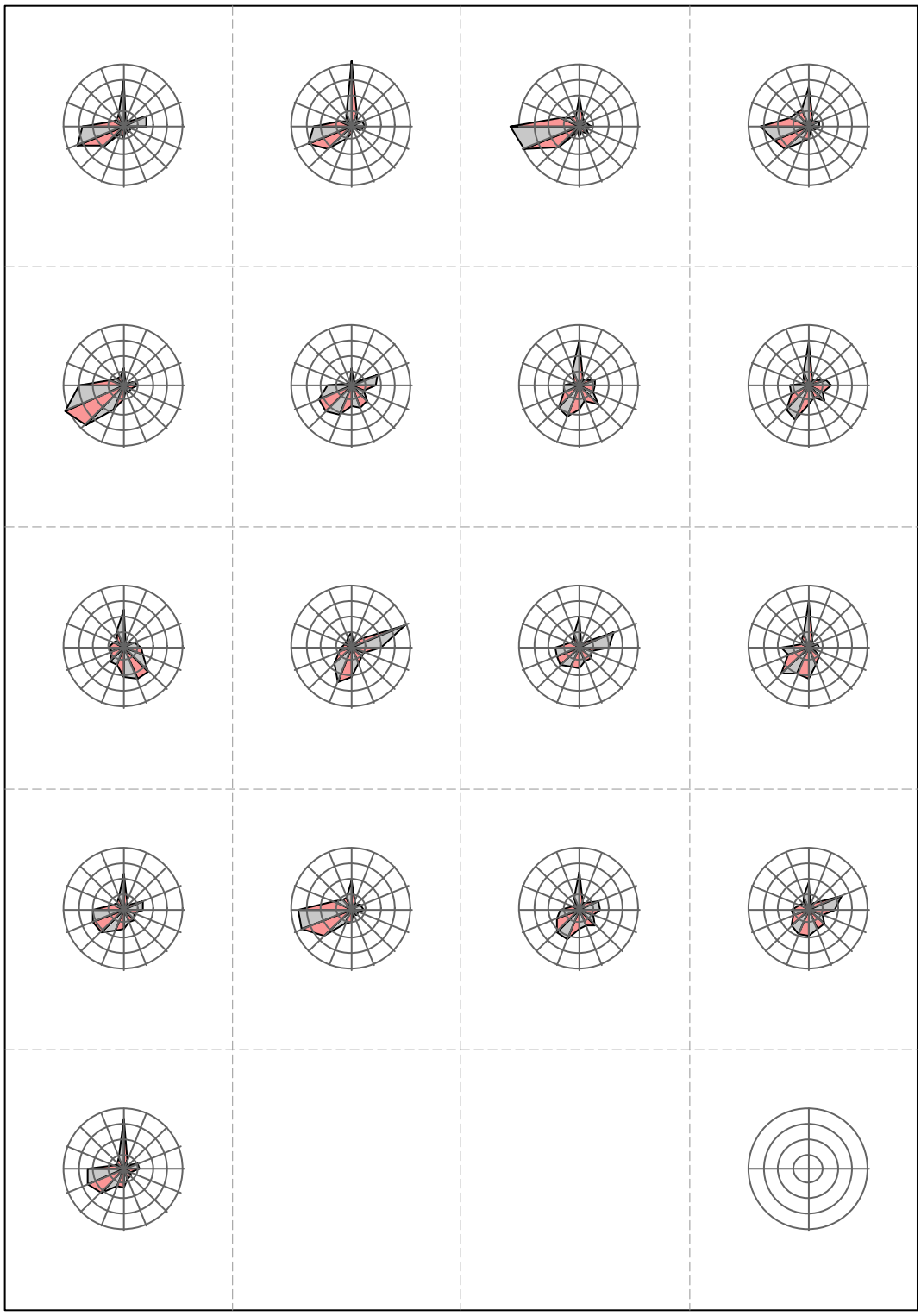
(1)

5.2.1-4 2020 (%)

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	

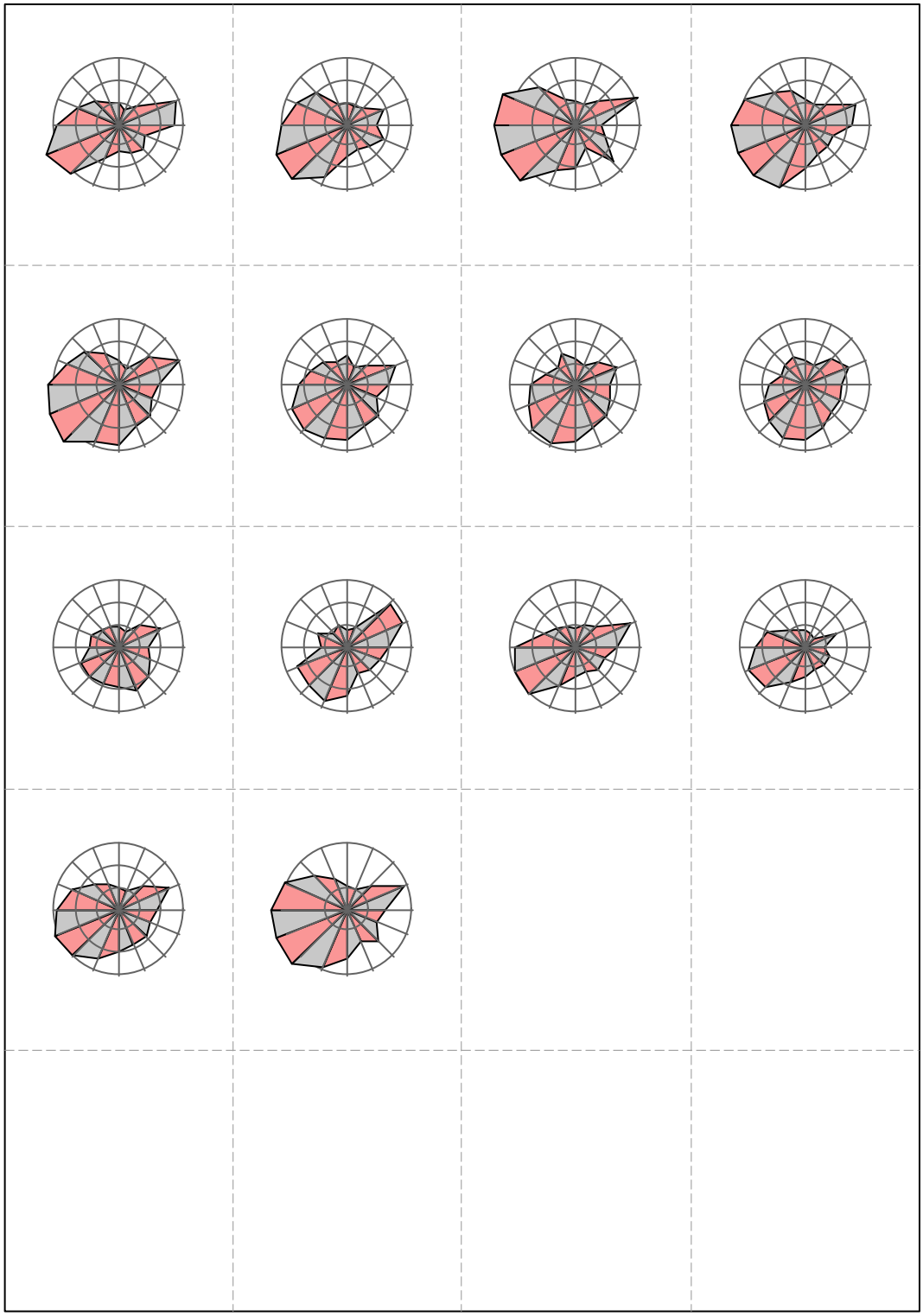
5.2.1-5 2021

		m/s	(%)



5.2-1 2021

(2)



5.2-3 2021

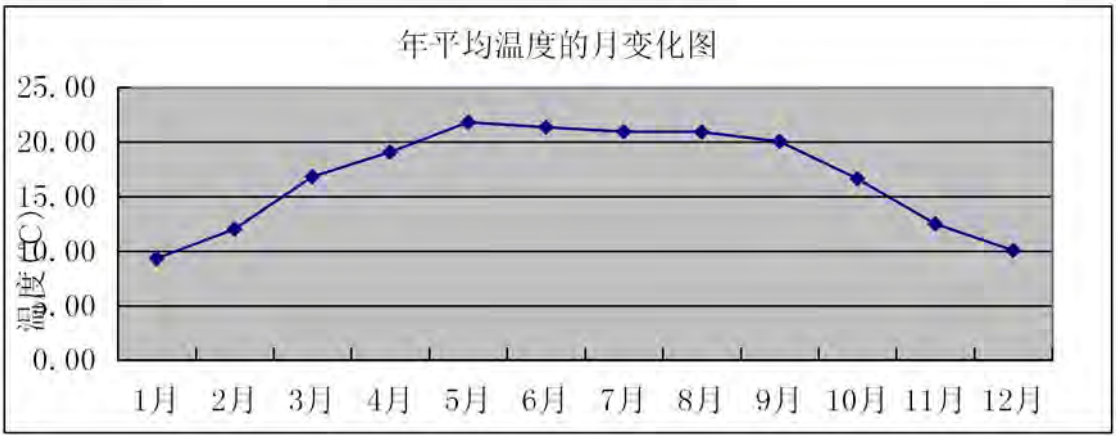
5.2-4 2021

5.2.1-7 2021 m/s

5.2.1-6 2021

(3)

5.2.1-9 2021

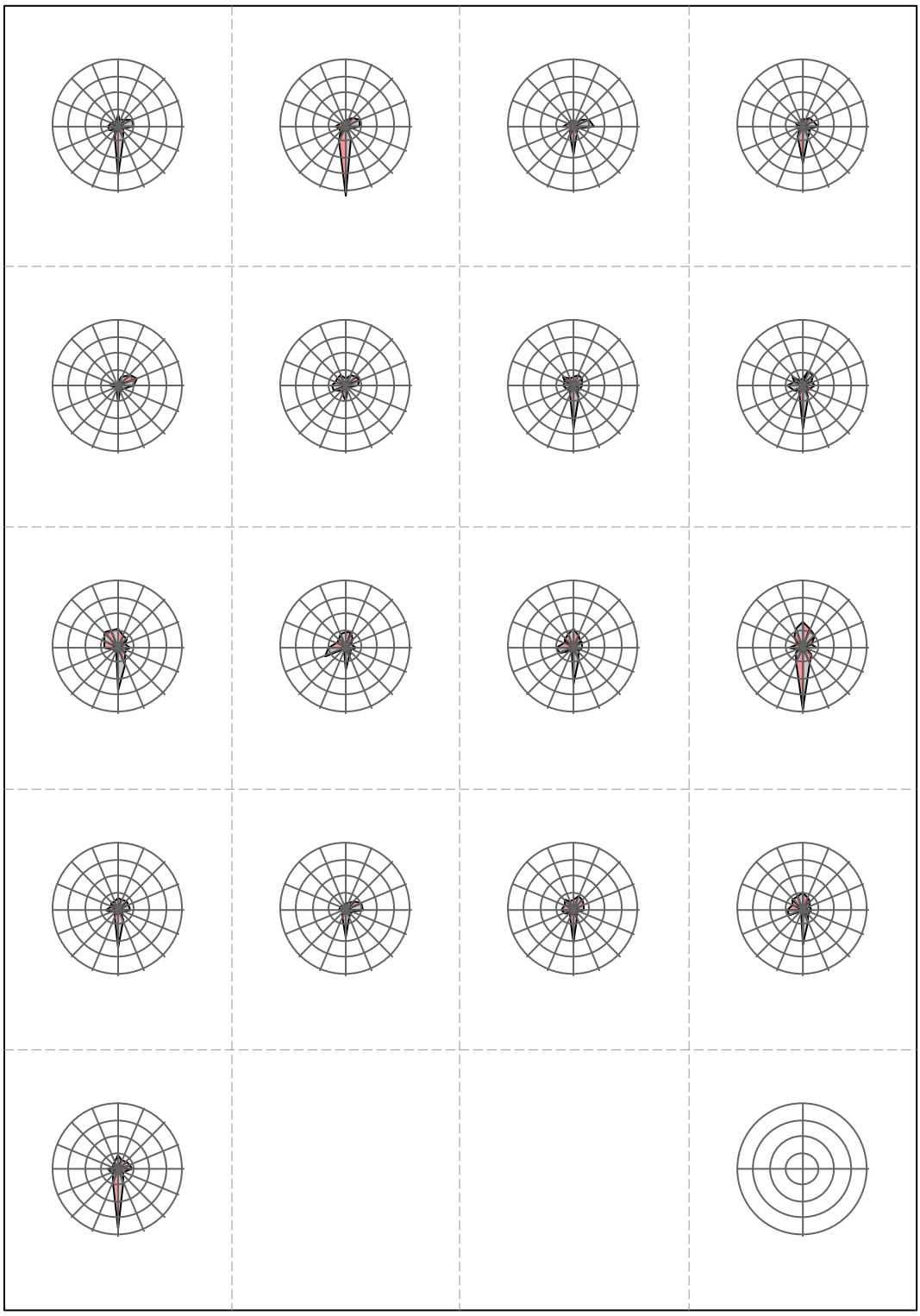


5.2-5 2021

(4)

5.2.1-10 2021 %

(5)



5.2-6 2021

5.2.1-11 2021 %

5.2.1.2

1

2

3

#Þ9 ‘ - Ã

4

5.2.1-12

5

6

5.2.1-13

	(m)		(m)	(m)	(m)	(m/s)	( )	(kg/h)					
	X	*Y*	(m)	(m)	(m)			PM_{10}	SO_2	NO_2	NMHC		[a]

	X	*Y*						

5.2.1-15

	(m)							**(kg/h)**				
	X	**Y**	**(m)**	**(m)**	**(m)**	**(m/s)**	**( )**	**PM_{10}**	**SO_2**	**NMHC**		**[a]**

7

5.2.1-16

8

(1)

5.2.2-1

(2)

5.2.1-17

				BOWEN	

(3)

(4)NO_2

5.2.1.3

5.2.1-18

	/m					
	X	Y				/m

5.2.1.4 PM_{10}

1

5.2.1-19 PM$_{10}$

			(μg/m^3)	(YYMMDDHH)	(μg/m^3)	%	

5.2.1-20 PM_{10} 95%

			(μg/m^3)	(YYMMDDHH)	(μg/m^3)	(μg/m^3)	(μg/m^3)	%( )	

5.2.1-21 PM$_{10}$

			(μg/m^3)	(YYMMDDHH)	(μg/m^3)	(μg/m^3)	(μg/m^3)	%( )	

2

5.2.1-1 PM_{10} 95%

5.2.1-2 PM_{10}

3

5.2.1-23 SO$_2$ 98%

			(μg/m^3)	(YYMMDDHH)	(μg/m^3)	(μg/m^3)	(μg/m^3)	%( )	

5.2.1-24 SO_2

			(μg/m^3)	(YYMMDDHH)	(μg/m^3)	(μg/m^3)	(μg/m^3)	%( )	

5.2.1.6 NO_2

1

5.2.1-25 NO_2

			(μg/m^3)	(YYMMDDHH)	(μg/m^3)	%	

5.2.1-26 NO$_2$ 98%

			(μg/m^3)	(YYMMDDHH)	(μg/m^3)	(μg/m^3)	(μg/m^3)	%( )	

2

5.2.1-5 NO_2 98%

5.2.1-6 NO_2

3

1

5.2.1-28

			(μg/m^3)	(YYMMDDHH)	(μg/m^3)	%	

5.2.1-29

			- (μg/m^3)	(YYMMDDHH)	(μg/m^3)	(μg/m^3)	(μg/m^3)	%( )	

2

5.2.1-7

3

5.2.1.8

1

5.2.1-30

			(μg/m^3)	(YYMMDDHH)	(μg/m^3)	%	

2

5.2.1-8

3

5.2.1.9 [a]

1

5.2.1-31 [a]

			- (μg/m^3)	(YYMMDDHH)	(μg/m^3)	(μg/m^3)	(μg/m^3)	%( )	

2

5.2.1-9 [a]

3

5.2.1.10

5.2.1-32 PM_{10}

			(μg/m^3)	(YYMMDDHH)	(μg/m^3)	%	

5.2.1-33 SO_2

			(μg/m^3)	(YYMMDDHH)	(μg/m^3)	%	

5.2.1-34

(µg/m^3) (YYMMDDHH) (µg/m^3) %

5.2.1-36 [a]

			(µg/m^3)	(YYMMDDHH)	(µg/m^3)	%	

5.2.1.11

5.2.1-37 TSP

				(μg/m³)	(μg/m³)	(%)	
	X	Y					

5.2.1-38 SO_2

	X	Y		(μg/m³)	(μg/m³)	(%)	

5.2.1-40

X **Y** **(μg/m³)** **(μg/m³)** **(%)**

5.2.1-42

		(x,y)		(µg/m^3)	(YYMMDDHH)	(µg/m^3)	%	

2

$$\overline{C} = \frac{}{A} B + \quad D$$

5.2.1-43

	5 (m/s)	L(m)								
		L≤1000			1000<L≤2000			2000		

5.2.1-44

		(m^2)	(kg/h)	(mg/m^3)	L(m)	(m)

5.2.1.13

5.2.2

5.2.2.1

5.2.2.2

1

2

3

4

5.2.2-1 (m^3/d)

5.2.2.3

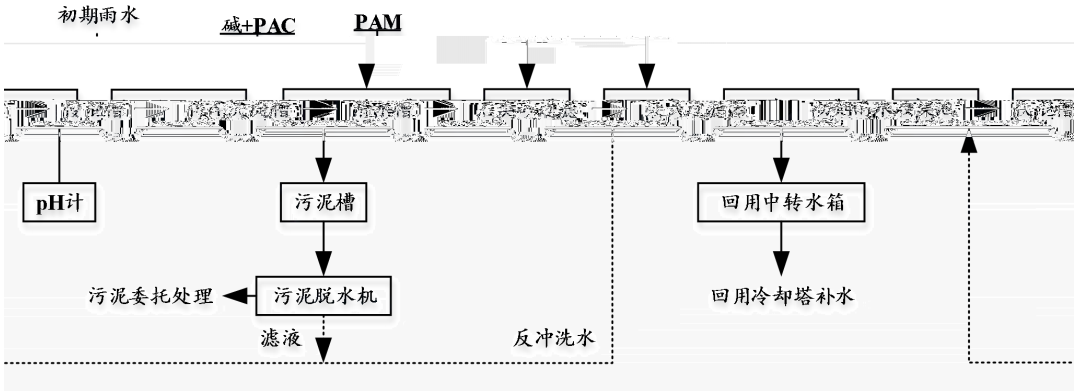
1

(1)

5.2.2-2 (m^3/d)

2

(1)



5.2.2-1

(2)

(3)

5.2.2.4

5.2.2.5

5.2.3

5.2.3.1

5.2.3-1

2

(F54)

- **(F155)**

- **(F156)**

- **(F56)**

5.2.3-1

3

(3)

2

3

( )

( )

( )

( )

5.2.3-3

	(E)	(N)	(m)	(m)	(m)

5.2.3-2

5.2.3-3 (zk1)

5.2.3-4

		(m)	(m)			

(1)	**(2) 1#**
(3) 2#	**(4)**

	
(5)	**(6)zk1**

5.2.3-4

3

5.2.3-5

5.2.3.4

1

2

3

5.2.3-5

		(mg/L)	(mg/L)	

5.2.3.5

1

2

(1)

$$\frac{C}{C} = - \quad \left(\frac{-}{\sqrt{D}} \right) + - \quad \frac{}{D} \quad \left(\frac{+}{\sqrt{D}} \right)$$

$$= \frac{K \times I}{} \quad D \; = \quad \times$$

(2)

5.2.3-6 (Zech 2015)

5.2.3-6

K(m/d)	I	n_e	a_L(m)	u(m/d)	D_L (m^2/d)	C_0(mg/L)		
								COD

(3)

5.2.3-7 **(mg/L)**

(m)	**100**	**1**	**1000**	**5**	**10**

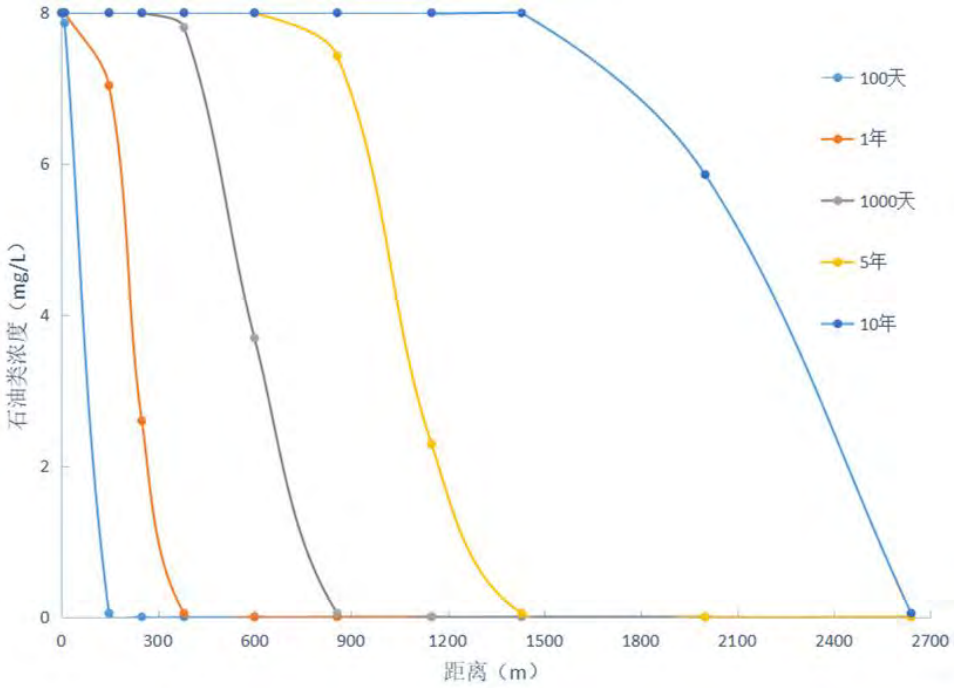
5.2.3-8 COD (mg/L)

(m)	100	1	1000	5	10

5.2.3-8 COD

5.2.3-9 (mg/L)

(m)	100	1	1000	5	10


8
6
4
2
0
石油类浓度（mg/L）
0
300
600
900
1200
1500
1800
2100
2400
2700
距离（m）
100天
1年
1000天
5年
10年

5.2.3-9

5.2.3.6 zk2

5.2.3-10 zk2 COD

		COD			
(d)	(mg/L)	(d)	(mg/L)	(d)	(mg/L)

5.2.3-10 zk2

5.2.3-11 COD zk2

5.2.3-12 zk2

5.2.3.7

5.2.3.8

1

2.

5.2.3-11

5.2.3-13

3

5.2.3-14

4

5.2.3.9

5.2.4

5.2.4.1

5.2.4-1

5.2.4.2

$$(\quad) = \quad + D_C - (A \quad + A \quad + A \quad + A \quad + A \quad)$$

-

D

A

A

A

A

A

$$(\quad) = \quad (\quad_0) + D_C - (A \quad + A \quad + A \quad + A \quad + A \quad)$$

D

A

A

A

A

A

$$_{A}(\ ) = 10 \quad \left\{ \sum_{=1}^{8} 10^{[\ \ (\ )]-\Delta} \right\}$$

$$_{A}(\ ) = \ _{A}(\ _{0}) - A$$

A

$(A\ \ )$

$$A \ \ = 20 \ \ \left(\frac{}{_{0}} \right)$$

$(A\ \ )$

$$A \ \ = \frac{(\ \ -\ \ )}{}$$

$(A\ \ )$

$$A \ \ = \ \ -\left(\frac{}{} \right) \left[\ \ + \left(\frac{}{} \right) \right]$$

-

$(A\ \ )$

$$_{A}(\ ) = \ _{A}(\ \ ) - A$$

A

$$= 10 \quad \left[\frac{1}{} \left(\sum_{=1} \quad 10^{0.1 \quad A} + \sum_{=1} \quad 10^{0.1 \quad A} \right) \right]$$

$$= 10 \quad \left(10^{0.1} \quad + 10^{0.1} \quad \right)$$

5.2.4.3

/dB(A) **/dB(A)** **/dB(A)** **/dB(A)** **/dB(A)** **/dB(A)** **/dB(A)** **/dB(A)**

5.2.4-1

5.2.5

5.2.5.1

5.2.5.2

1

5.2.5-1

2.

5.2.5-2

		a	
		b	

5.2.5.3

5.2.5-3

5.2.5-4

5.2.5.4

1

2

3

5.2.5-5

		S1		
		YNZKSC202207 14007-S001	YNZKSC202207 14007-S002	YNZKSC202207 14007-S003
		2022.7.14		
		E102°20′28.50″ N24°57′19.86″		
		0-50cm	50-150cm	150-300cm

5.2.5-6

S2

YNZKSC202207 14007-S004 **YNZKSC202207 14007-S005** **YNZKSC202207 14007-S006**

2022.7.14

E102°20′25.72″ N24°57′27.99″

0-50cm **50-150cm** **150-300cm**

5.2.5-7

		S3		
		YNZKSC202207 14007-S007	**YNZKSC202207 14007-S008**	**YNZKSC202207 14007-S009**
		2022.7.14		
		E102°20′34.68″ N24°57′19.16″		
		0-50cm	**50-150cm**	**150-300cm**

5.2.5-8

		S4	**S5**	**S6**
		YNZKSC202207 14007-S010	**YNZKSC202207 14007-S011**	**YNZKSC202207 14007-S012**
		2022.7.14		
		E102°20′34.99″ N24°51′18.18″	**E102°20′31.28″ N24°57′17.20″**	**E102°20′31.69″ N24°57′27.01″**
		0-20cm	**0-20cm**	**0-20cm**

4

5.2.5.5

1

$$\Delta = (I - -)/(\rho \times A \times D)$$

$$\Delta = I / (\rho \times A \times D)$$

$$= \quad + \Delta$$

3

5.2.5.6

1

2

3

4

5.2.5.7

5.2.6

5.2.6.1

5.2.6-1

			(t/a)	

5.2.6.2

5.2.6.3

1

5.2.6-2

2

3

4

5.2.6.4

2

3

4

6

6.1

6.2

6.3

6.3.1

6.3.2

= — + — + ··· —

6.3.2-1

		CAS	Q(t)	q(t)	q/Q

6.3.3

6.3.3-1

6.4

6.5

6.5.1

6.5.1-1

6.5.2

1

2

3

4

6.5.3

6.5.3-1

6.6

1

2

3

4

5

6.7

6.7.1

1

2

3

4

6.7.2

1

2

3

6.7

6.8

6.8-1

(**)**				

( )	

7

7.1

(2)

7.2

(1)

(4)

(2)

(3)

(4)

7.2.1

7.2.2

7.2-1

7.3

7.3.1

7.3-1

7.3.2

7.3-1

7.3.3 2025

( )

( )

( )

5

2020 **2025**

7.3.4

( )

( )

( )

7.3.5

7.3.5-1 ([2019]56)

	([2019]56)		

7.3.6

7.3.7

7.3.8

7.3.8-1

7.3.9 (2022)

7.3.9-1 (2022)

	(2022)		

7.3.11

1

(1)

(2)

(3)

(4)

(5)

(6)

(7)

2

7.3.12

1

7.3.12-1

2

7.3.13

1

(1)

(2)

(3)

2

(4)

7.3.14

1

2

7.4

7.4.1 ( )

(2021-2035)

1.

(1)

7.4.1-1

		( )

-		

(2) ( )

7.4.1-2 ( )

		( )
-		

2.

7.4.2 ( )

(2021-2035)

7.4.2-1

7.5

7.5.1

(

9)

(6)

(3)

7.5.2

7.5.3

7.6

(3)

î (î ê

(4)

8

8.1

1

2

3

4

8.2

8.2.3

8.2.5

1

4.

(1)

(2)

8.2.6

1

3

4

5

6

9

9.3

9.3.1

9.3.2

1

2

3

4

9.3.3

9.2-1

				( )

9.4

10

10.1

10.2

10.2.1

10.2.2

10.2.3

10.2.4

1

2

3

10.2.5

1

2

10.2.5-1

10.2.5-2

10.2.5-3

10.3

10.3.1

10.3.2

10.3.2-1

10.3.3

10.3.4

10.4

10.5

10.5-1

					90% **99%** **99%** **99%**
					99.9%

10.6

10.6.1

10.6.1-1

										/
				(mg/m³)	(kg/h)	(t/a)	(mg/m³)	(kg/h)	(t/a)	

/

(mg/m³)	(kg/h)	(t/a)	(mg/m³)	(kg/h)	(t/a)

										/
				(mg/m^3)	**(kg/h)**	**(t/a)**	**(mg/m^3)**	**(kg/h)**	**(t/a)**	

										/
				(mg/m³)	**(kg/h)**	**(t/a)**	**(mg/m³)**	**(kg/h)**	**(t/a)**	

										/
				(mg/m³)	(kg/h)	(t/a)	(mg/m³)	(kg/h)	(t/a)	

										/
				(mg/m³)	(kg/h)	(t/a)	(mg/m³)	(kg/h)	(t/a)	

										/
				(mg/m^3)	(kg/h)	(t/a)	(mg/m^3)	(kg/h)	(t/a)	

										/
				(mg/m³)	(kg/h)	(t/a)	(mg/m³)	(kg/h)	(t/a)	
	1 ( ) ( ) ( ) ( ) SO_2 NO_x [a] (GB 16297-1996) 2 2 ( ) ( ) ( ) ( ) ( ) (GB 9078-1996)									

										/
				(mg/m^3)	(kg/h)	(t/a)	(mg/m^3)	(kg/h)	(t/a)	

									/
			(mg/m^3)	(kg/h)	(t/a)	(mg/m^3)	(kg/h)	(t/a)	

10.6.2

10.6.2-1

10.6-3

10.7

11

11.1

11.2

(2)

11.3

(

9)

(6)

(3)

11.4

1

2

3

4

5

11.5

11.5.1

11.6