1

1.1

“ ”

6 2003 4 21 160

143

70%

H62020715/10ml 400

-

3000

6

1 30kg 1 50kg

10

1.2

3000

1 30kg 1

50kg 10

6

1.3

1 30kg 1 50kg

10

1.4

2000m^2 2000m^2 30kg

1 1000m^2 270m^2 50kg

10 1 1000m^2

30

1-1

1-1

			1 1F 1000m^2 1 30 1 270m^2 R410A	
			1 1F 1000m^2 1 50kg 10	
			1	--
				--
			180m^2	
				--
				--
			1F 1800m^2	
			4F 1200m^2	
			1F 600m^2	
			1F 800m^2	
			16 m^3/a 6 m^3/a	
			5m^3/h 2m^3/h	
			8t/h	
				--
			2 40 R410A	--
			8t/h 7.36t/h	
				--
			1	--

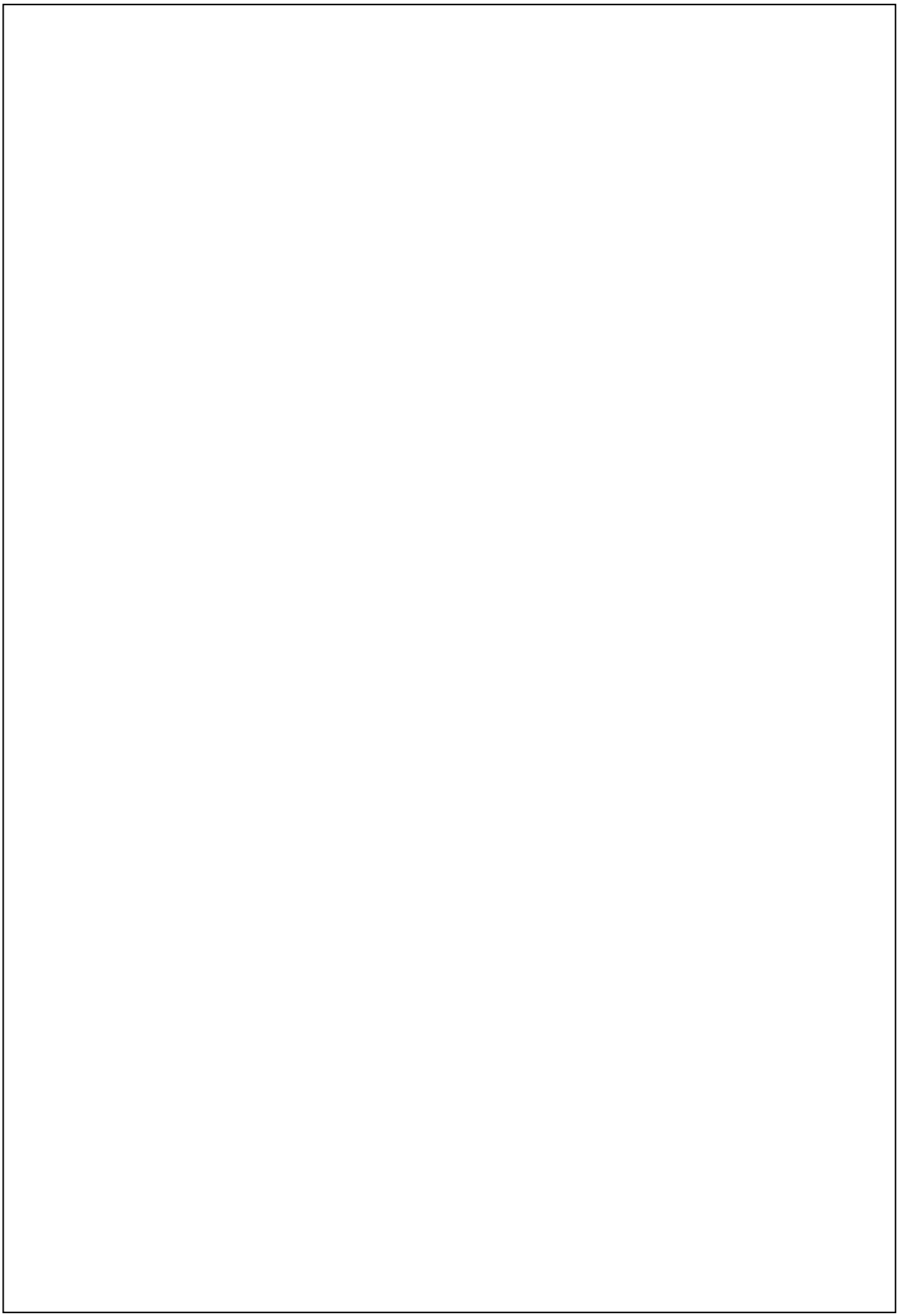
		1 100Nm^3/h 99.9% 0.7MPa 2m^3 2		
		200m^3/h 1 2		--
			1 + 1 #15m	--
			1 + 1 2#15m	--
			3	--
				--
				--
			1 + / / +	--
			1 / / +	--
				--
			110m^3/h “ + ”	--
		1.0×10^{-10}cm/s		--
				--
				--

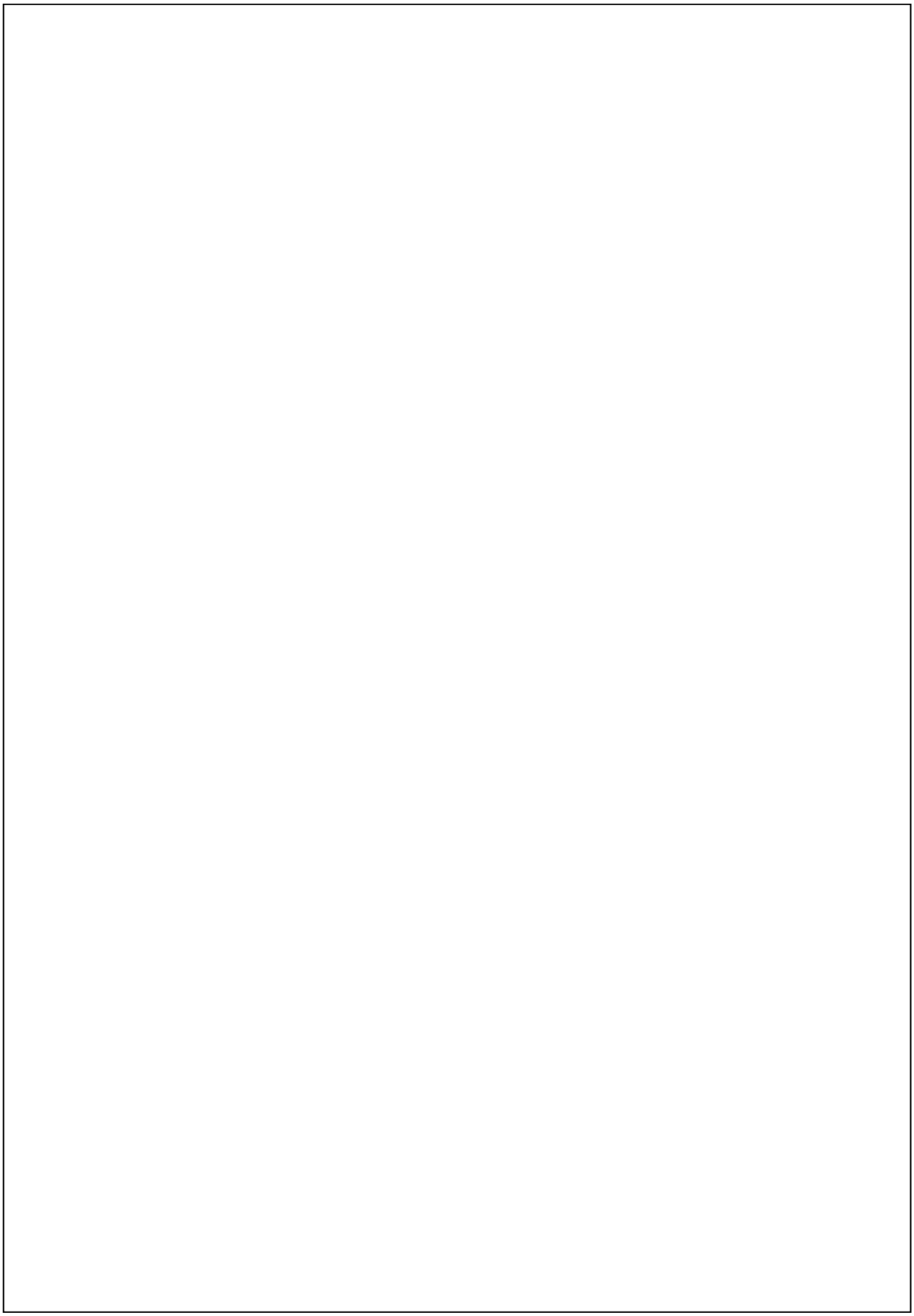
		180m^2	--
		300m^3	

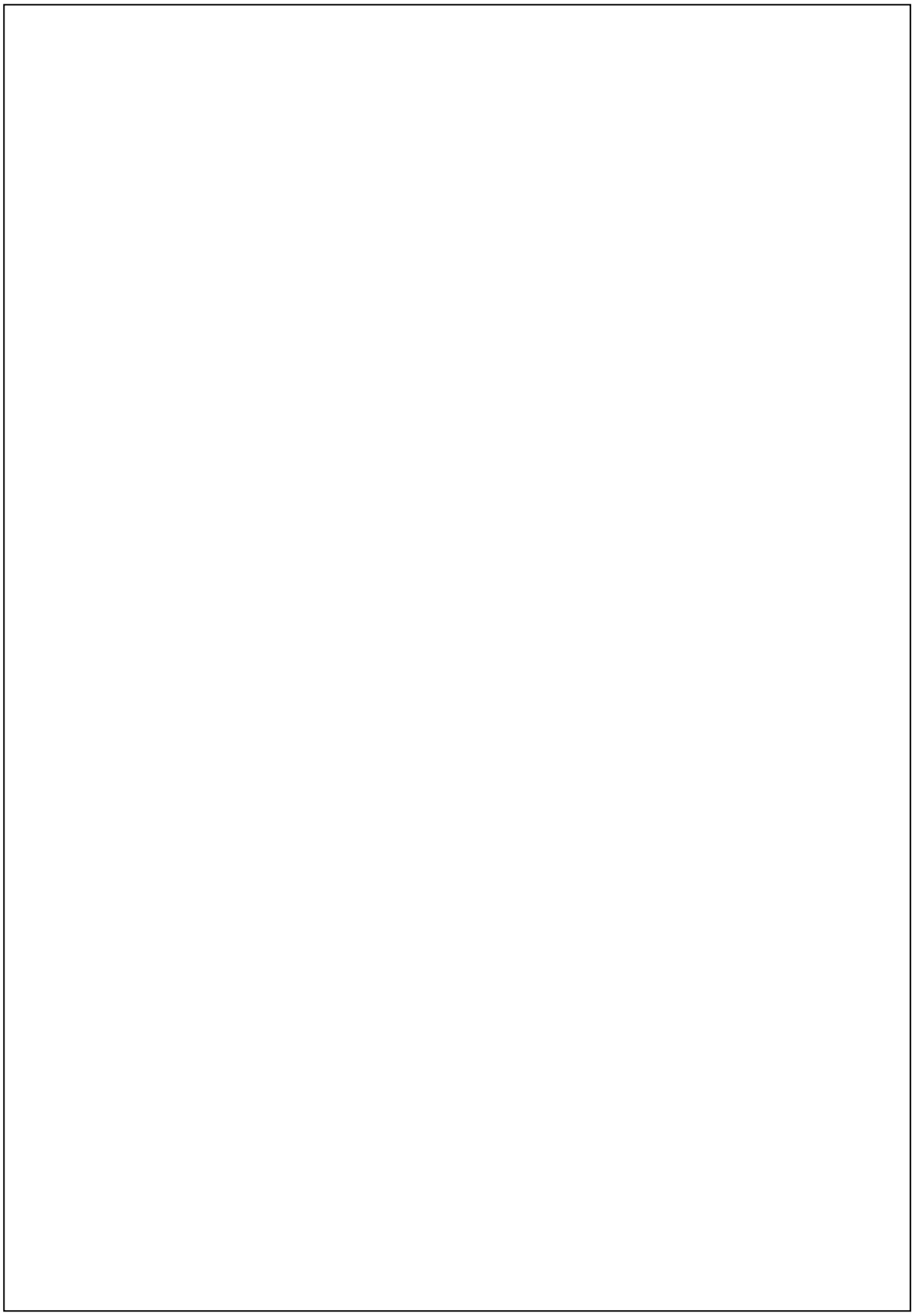
1.5

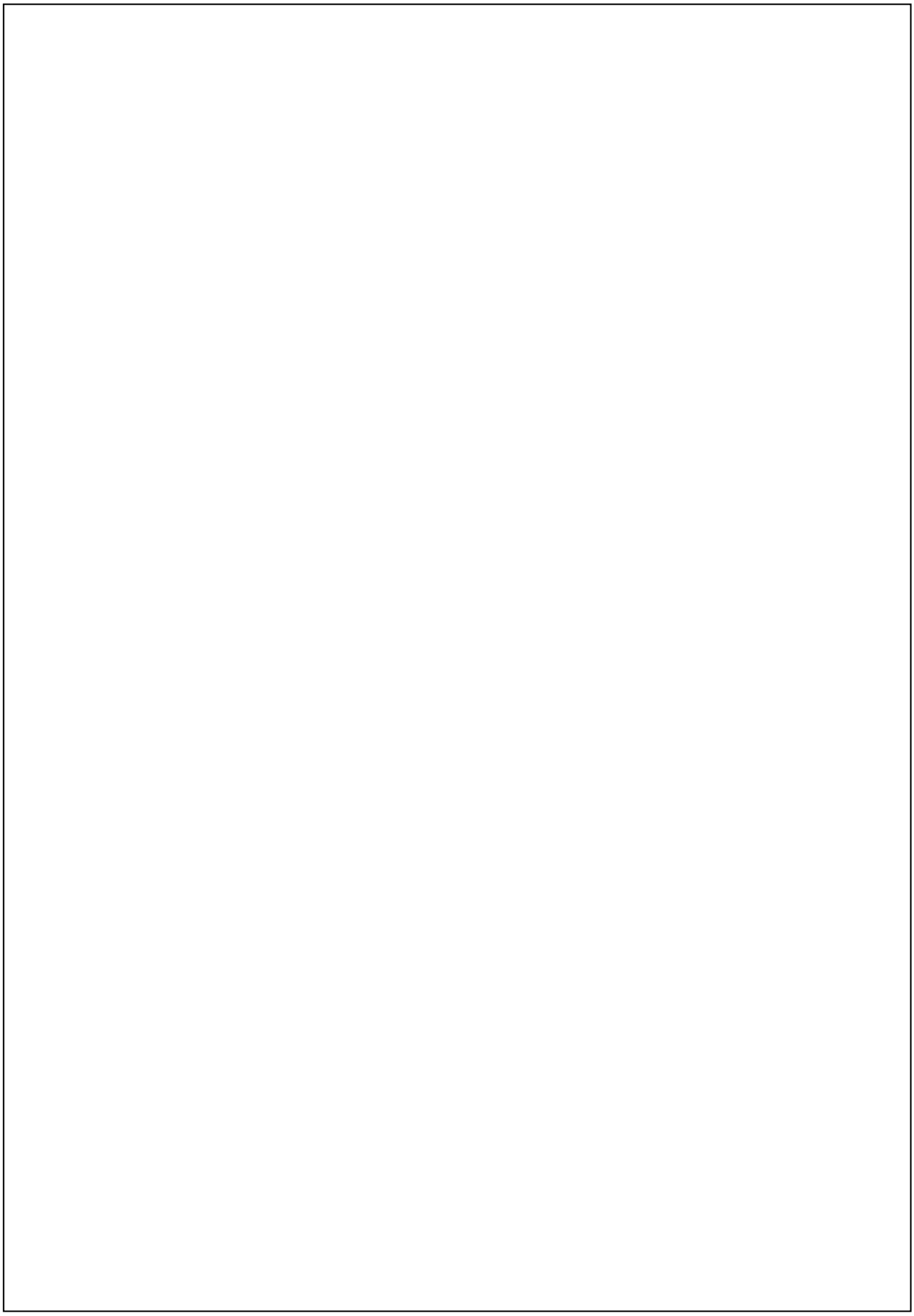
1-1

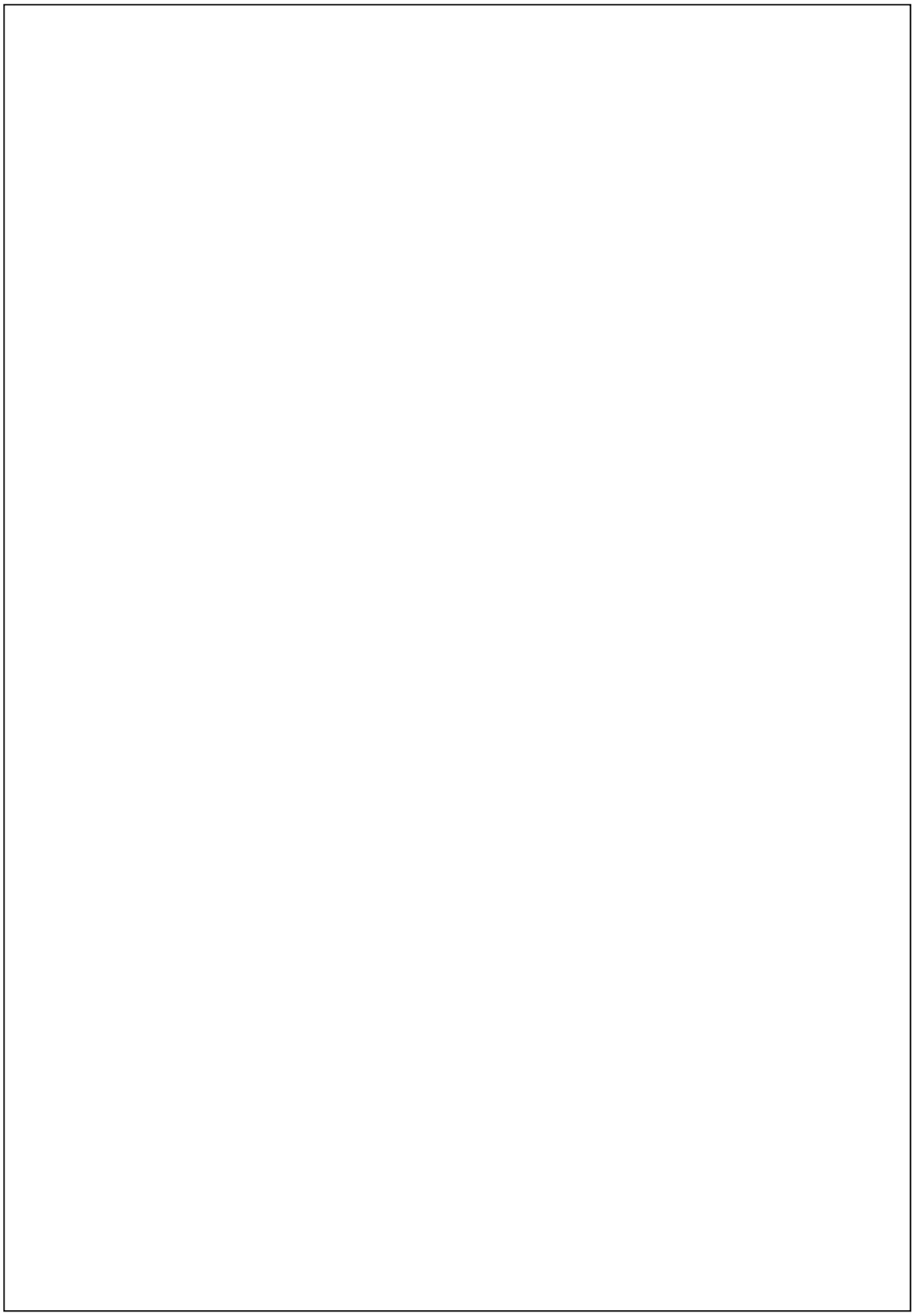
1-2~1-7











1.6

2019

29 “ ” “ ” “

”

2

1

1

2019

2019 2019

365 AQI 100 330 90.4%

SO_2 10 μ g/m^3 16.7% NO_2 22 μ g/m^3

4.4% O_3 8 90 134 μ g/m^3 3.1% CO

95 1.0mg/m^3 PM_{10} 83 μ g/m^3

27.2% $PM_{2.5}$ 28 μ g/m^3 3.5%

PM_{10}

2019 40

PM_{10} 65 μ g/m^3 11% $PM_{2.5}$ 25 μ g/m^3 8.7%

2019 SO_2 NO_2 CO O_3 $PM_{2.5}$ PM_{10}

HJ2.2-2018 “ SO_2

NO_2 PM_{10} $PM_{2.5}$ CO O_3 ”

2019

2

2021 4

2

2019

2019 2019

3

2020

2019 6 1# 2# 3#

2021 4

3

8

GB/T14848-2017

4

2021 4

GB3096-2008 3

65dB A 55dB A

5

2021 4

GB36600-2018

3

3.1

3.1.1

1

3-1

2

0.1‰-0.4‰

0.4‰ 3-2

3

50% 3-3

3-1

			m^3/h		mg/m^3	kg/h	t/a			mg/m^3	kg/h	t/a	h
	1#		16000		1200	2.4	0.5	+ +15m	90%	15	0.24	0.05	200~250
			16000		91.5	0.183	0.124		90%	1.13	0.018	0.012	200~1680
			16000		25	0.05	0.02		90%	0.36	0.005	0.002	400
			16000		2087.5	4.175	1		90%	26.13	0.418	0.1	200~1680
		TVOC	16000		3287.5	6.575	1.5		90%	41.13	0.658	0.15	200~1680

	m			m^3/h	mg/ m^3	kg/h	t/a				mg/ m^3	kg/h	t/a	
	63.73 15.48			--	--	0.012	0.02		--	--	--	0.012	0.02	1680
				--	--	0.0002	0.0004		--	--	--	0.0002	0.0004	1680
				--	--	0.00005	0.00008		--	--	--	0.00005	0.00008	1680
				--	--	0.0002	0.0004		--	--	--	0.0002	0.0004	1680
				--	--	0.0122	0.0204		--	--	--	0.0122	0.0204	1680
	63.73 15.48			--	--	0.039	0.00134		--	--	--	0.039	0.00134	14~56
				--	--	0.01	0.00021		--	--	--	0.01	0.00021	14~56
				--	--	0.001	0.00001		--	--	--	0.001	0.00001	14
				--	--	0.056	0.0015		--	--	--	0.056	0.0015	14
				--	--	0.0005	0.00001		--	--	--	0.0005	0.00001	28
				--	--	0.014	0.005		--	--	--	0.014	0.005	14~56
				--	--	0.109	0.00784		--	--	--	0.109	0.00784	14~56
	50 20			--	--	0.00028	0.0014		--	--	--	0.00028	0.0014	--
				--	--	0.00001	0.00005		--	--	--	0.00001	0.00005	--
				--	--	0.00005	0.00026		--	--	--	0.00005	0.00026	--
	--			4000	1.21	0.0048	0.00305		70%	--	0.37	0.0015	0.00092	70%

3-3

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

					75	1.2			
1#		+	16000		5.75	0.092	0.5~2	1	
					1.56	0.025			
					130.5	2.088			

2

1

W1-1 W1-2 W1-3

W1-4 W1-5 W1-6

+ / / +

2

W2-1

W2-2 W2-3 W2-4 W2-5

W3-1 W4-1 W4-2

W5-1 W5-2 W6-1

W6-2 W7-1 W7-2

/ / +

3

W10-1

W10-2

W10-3

W10-4

W10-5

W10-6

CODcr87.67mg/L

$BOD_5$18.63mg/L SS19.54mg/L 9.11mg/L 0.46mg/L 0.05mg/L

1.14mg/L 1.13mg/L 109.53mg/L 10.72mg/L

3

75 90dB A

4

1

S1-1

S1-1

S1-2

S1-2

S1-3

S1-3

S1-4

S1-4

S1-5

S1-5

S1-6

S1-6

S1-7

S1-7

S1-8

S1-8

2

S2-1

S2-1 271-005-02

271-003-02

S8-1

S8-1 271-005-02

S9-1

S9-1

3

S10-1

S10-1

7.31kg

S10-2

S10-2 3.05t/a

S10-3

S10-3 2.44t/a

S10-4

S10-4

0.22t/a

S10-5

S10-5 8.95t/a

900-041-49

S10-6

S10-6 0.1t/a

900-041-49

S10-7

S10-7 1.061t/a

900-041-49

S10-8

S10-8

900-041-49

0.351t/a

S10-9

S10-9

900-214-08 1.2t/a

3.2

1

1

G1-1 G1-2

G1-3 G1-4 G1-5

GB16297-1996 2

2

G2-1 G2-2

G2-3 PH G3-1

G4-1

G4-2 G4-3

G5-1 G5-2

G6-1 G6-2

G7-1 G7-2

G9-1 SO_2

+

G2-4 G3-2

G4-4 G5-3

G6-3 G7-3 G8-1

G8-2 G8-3

2#15m

TVOC

GB37823-2019 1 SO_2 GB16297-1996

2

3

GB37823-2019 4

GB16297-1996 2

4

NH_3 H_2S GB14554-1993

1

5

1

70%

GB18483-2001

2

+ / / +

/ / +

“ + ”

GB21905-2008 2

3

GB12348-2008 3 ≤65dB A ≤55dB A

4

1

S1-1

S1-1

S1-2

S1-2

S1-3

S1-3

S1-4

S1-4

S1-5

S1-5

S2-1 271-005-02

271-003-02

S8-1

S8-1 271-005-02

S9-1

S9-1

3

S10-1

S10-1

7.31kg

S10-2

S10-2 3.05t/a

S10-3

S10-3 2.44t/a

S10-4

S10-4

0.22t/a

S10-5

S10-5 8.95t/a

900-041-49

S10-6

S10-6

0.1t/a 900-041-49

S10-7

S10-7 1.061t/a

900-041-49

S10-8

S10-8

900-041-49

0.351t/a

S10-9

S10-9

900-214-08 1.2t/a

5

1

2

3

- HJ610-2016

3 1

1

3

4

6

3.3

3.4

1

2

3-4

		PH CODcr BOD_5 SS NH_3-N	1 /	
	1#	TVOC	1 /	
	2#	TVOC SO_2	1 /	
	4 10m 3	TVOC SO_2	1 /	
		A	1 /	
	1 2	pH	1 /	
		GB36600-2018 1 45	1 /5	
	--			--

“ ”

5

5.1

6

15009371920

274864031@qq.com 735000

5.2

40-1-202

735100

18993798239 925147118@qq.com