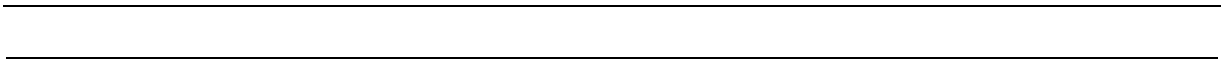


	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	99
	40
	300 8 2400 1 3 40



	<p>1</p> <p>2 GB16297-1996 2</p> <p>3 GB12348-2008 3</p>

2-1

mg/

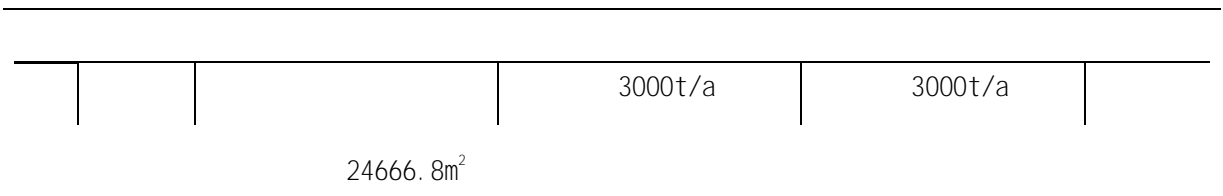
285

/

4

t/a

1



6		NTD600B+ZL700B		1	1
7	3000L	HYD3000		1	1
8	1500L	HYD1500		1	1
9		QZB5		2	

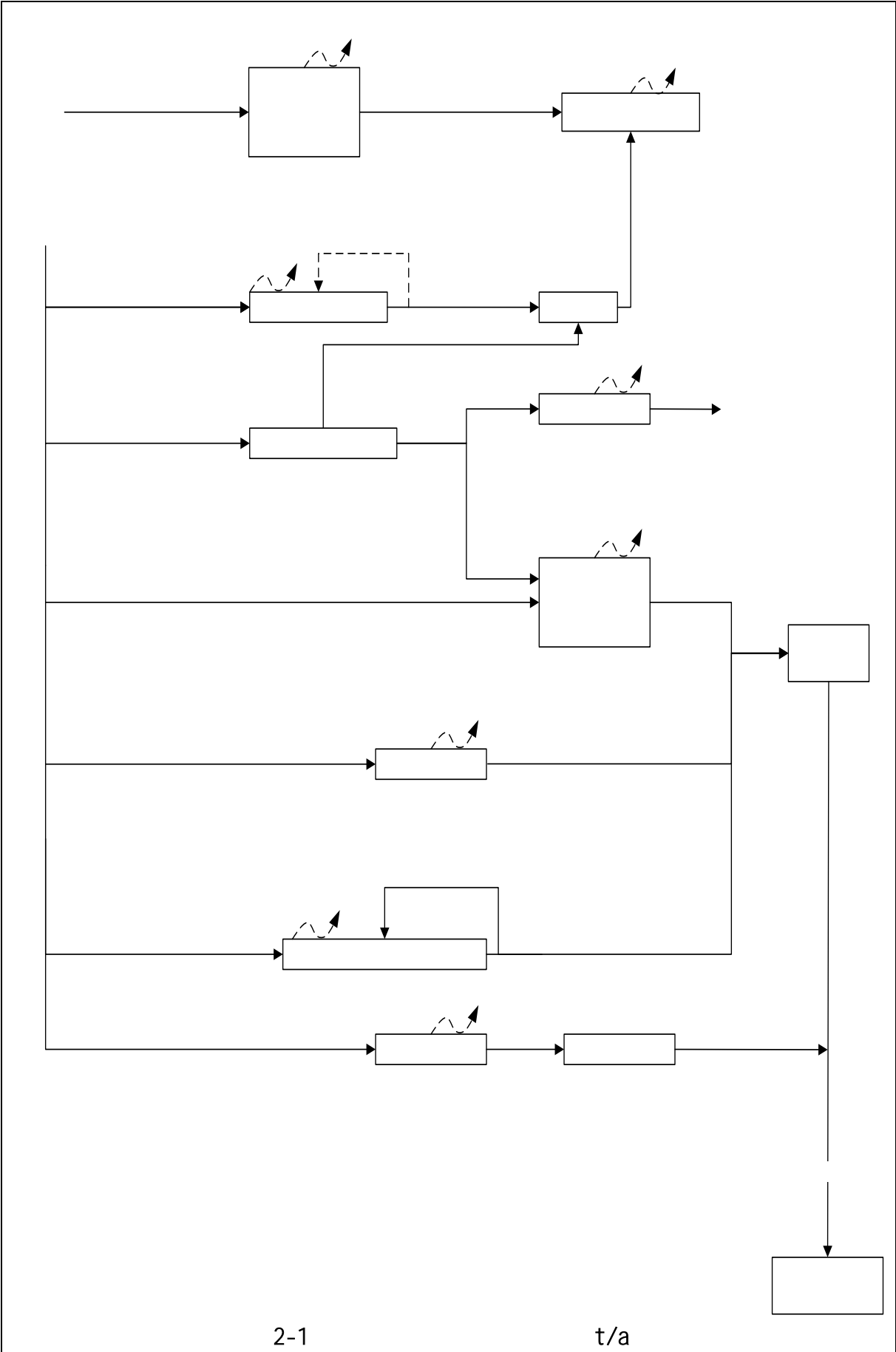
	32		300t/h		2	2
	33		/		3	3

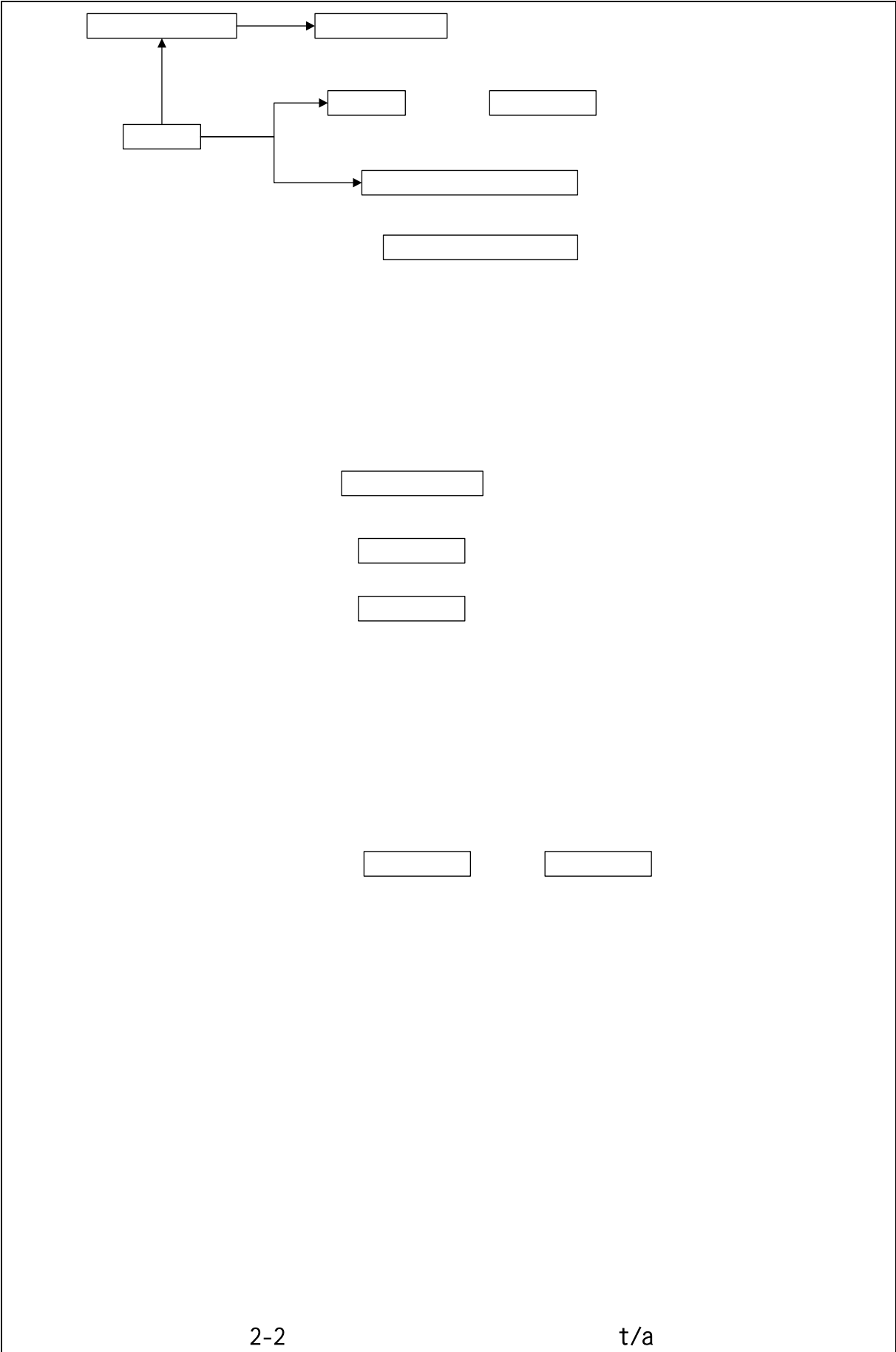
2-4

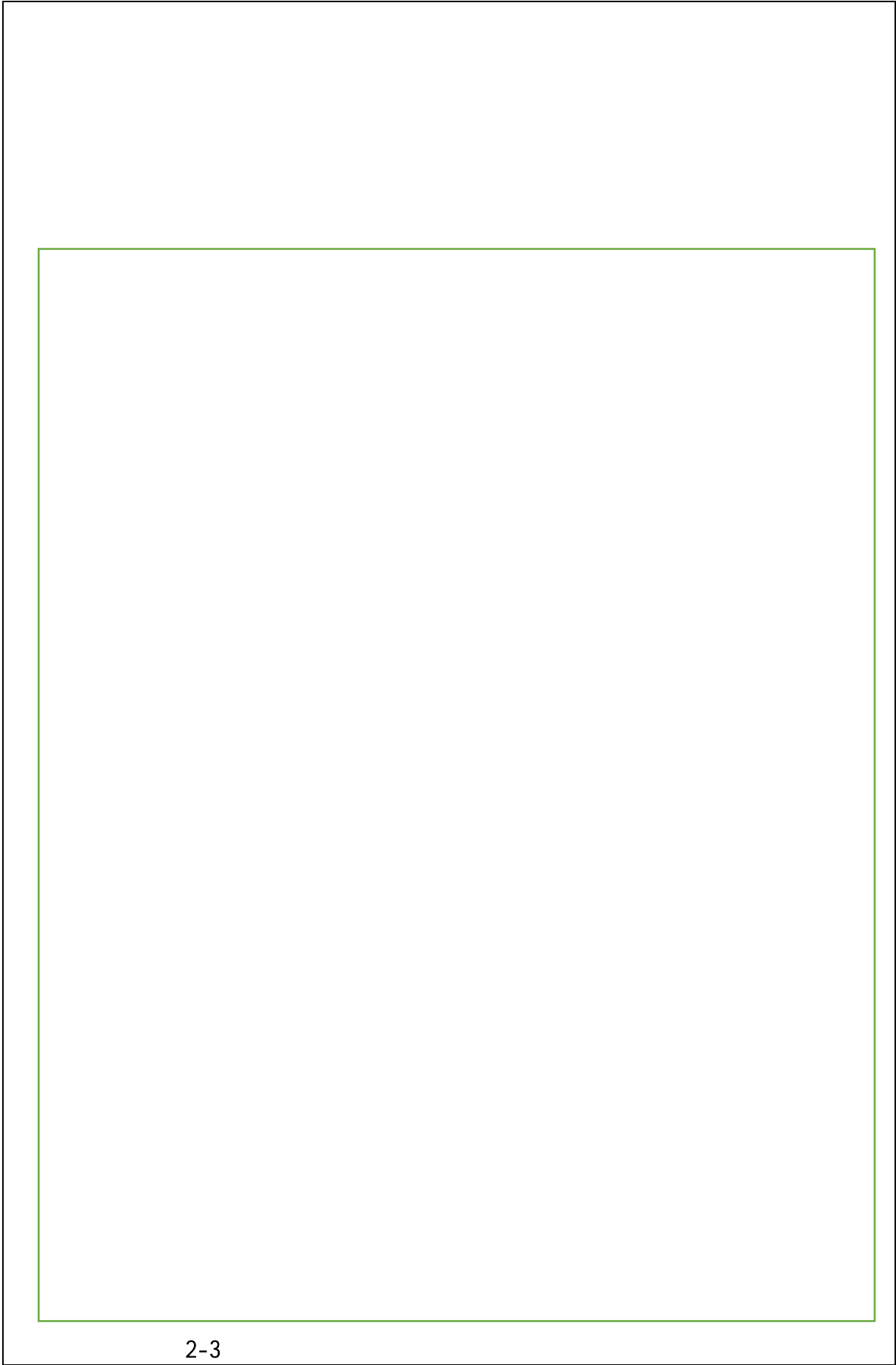
2-4

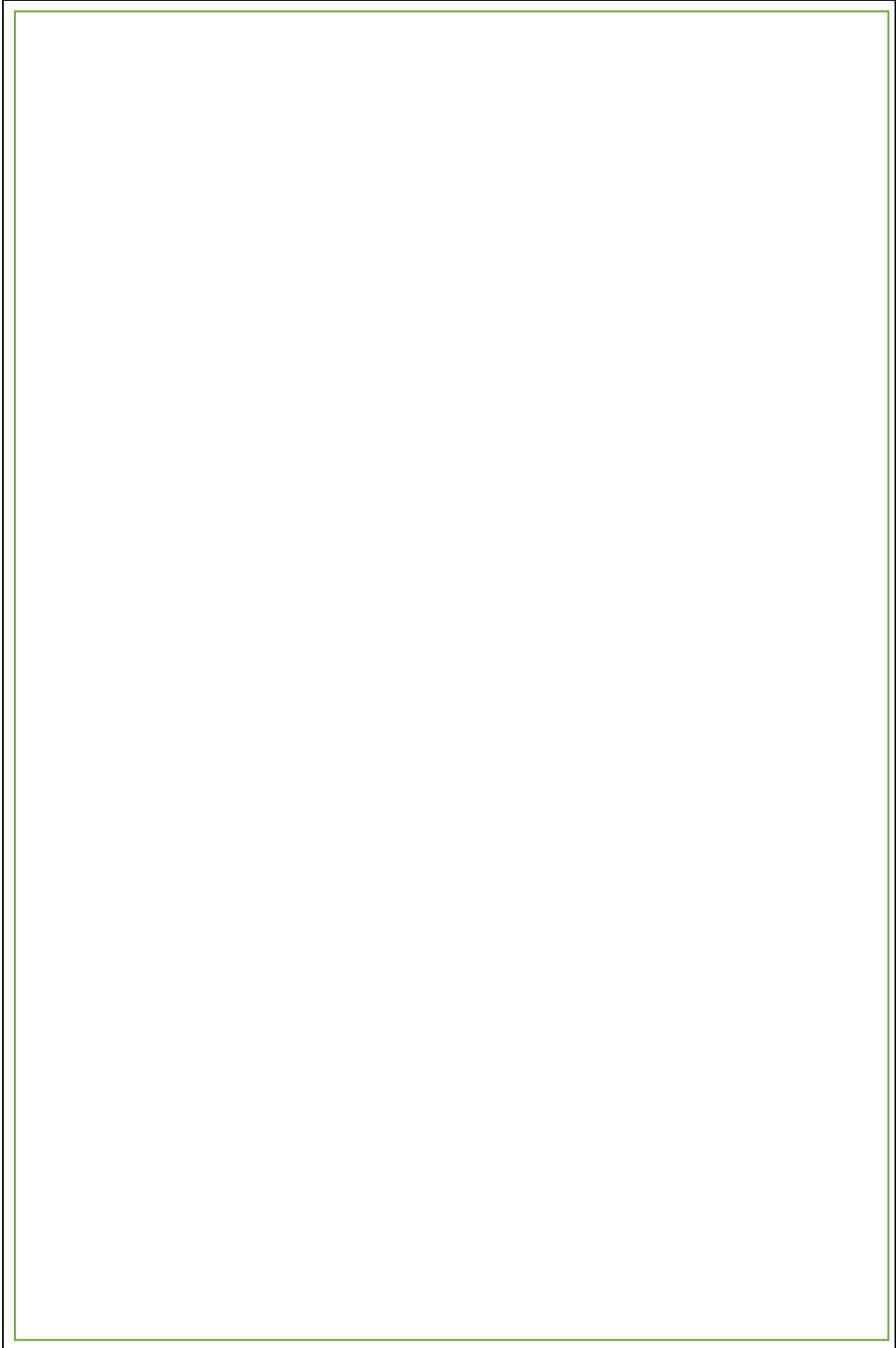
		/	kg	kg	kg
--	--	---	----	----	----

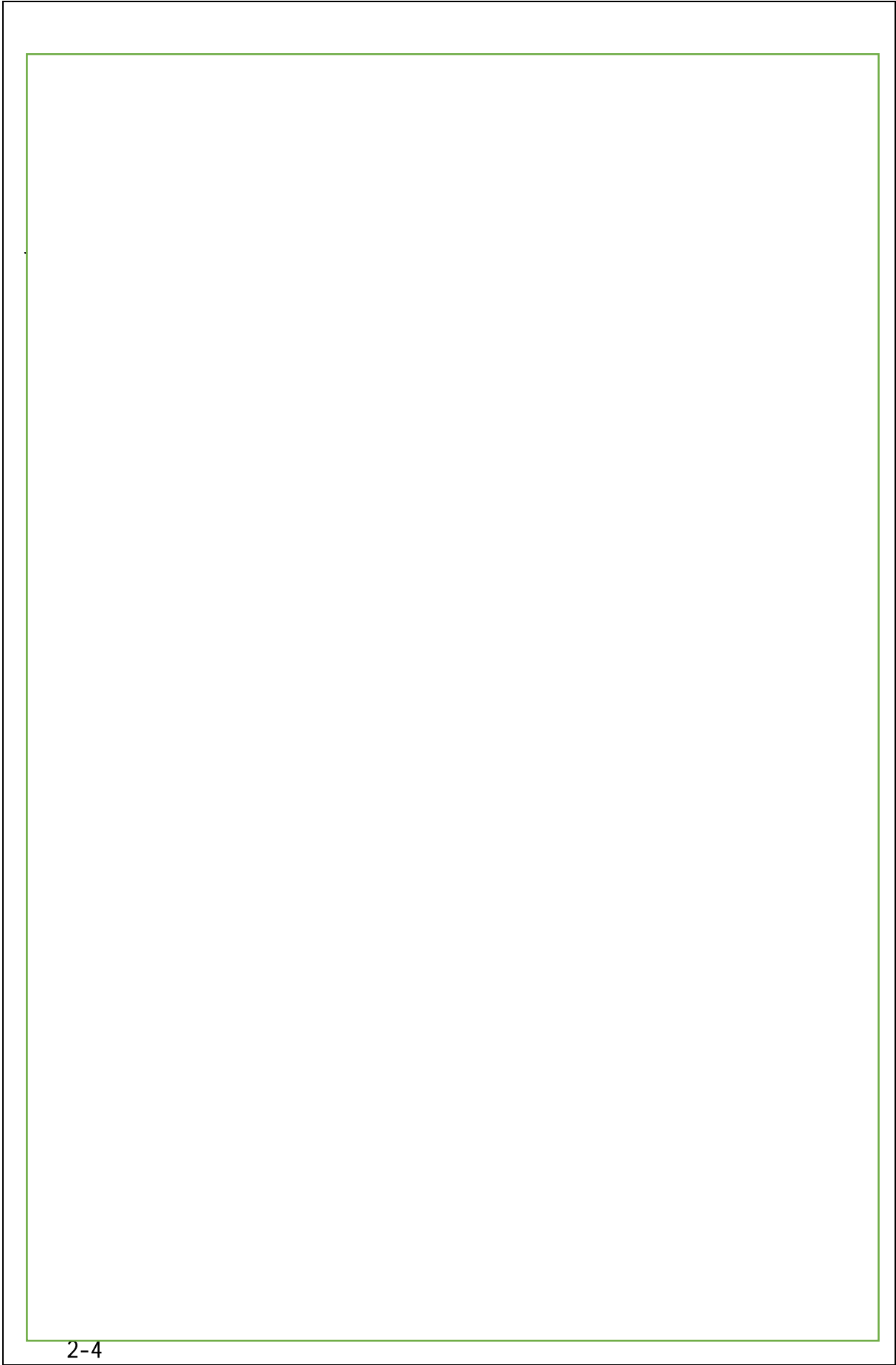
		/	21600	133	132
		/	108000	667	660
	100	/	108000	667	660
		/	5000	30.8	30.6
			63000	389	385
		/	270000	3000	2940
		/	48000	533	523
		/	30000	333	327
90		/	30000	333	327
		/	27000	300	294

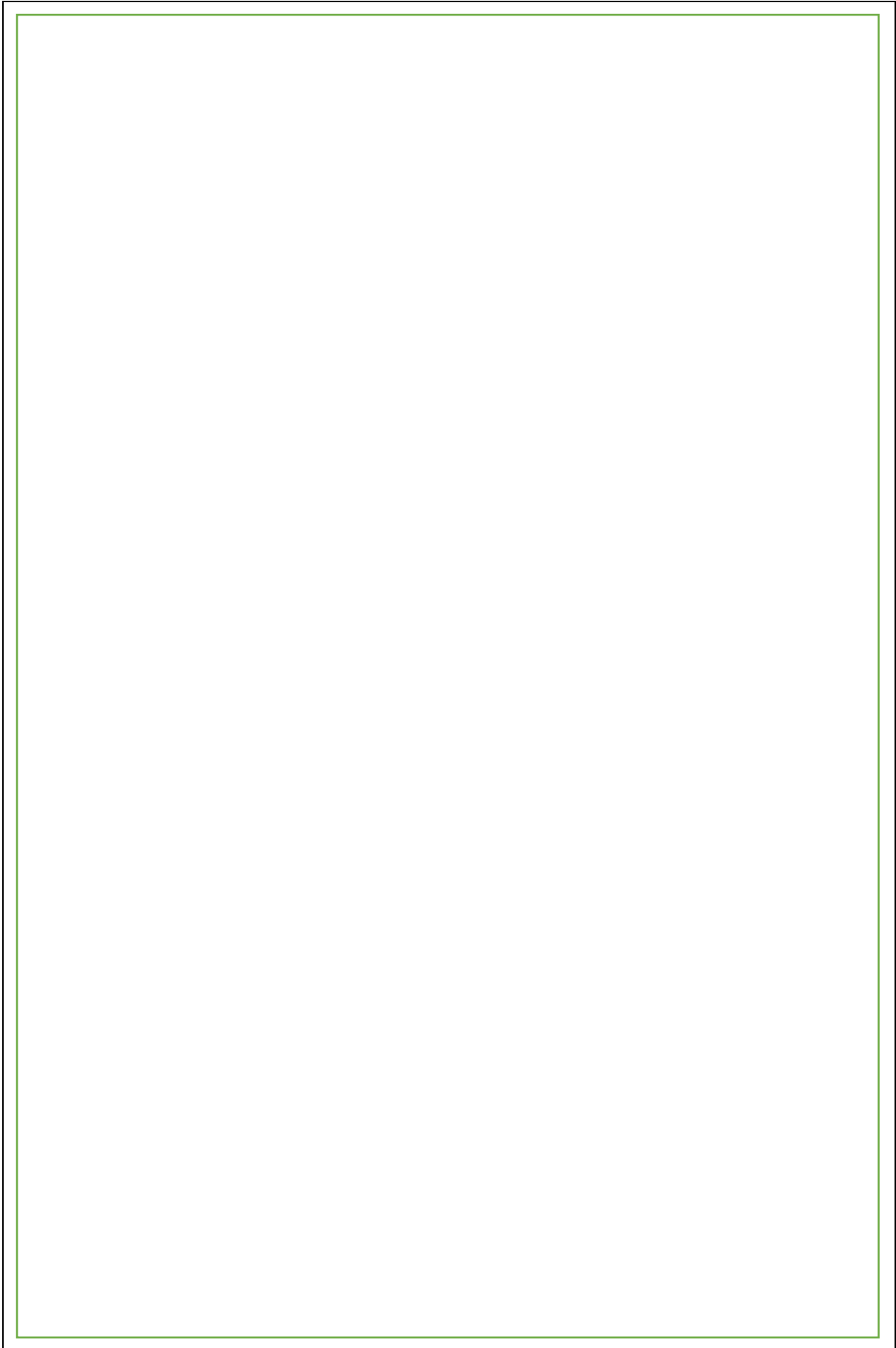






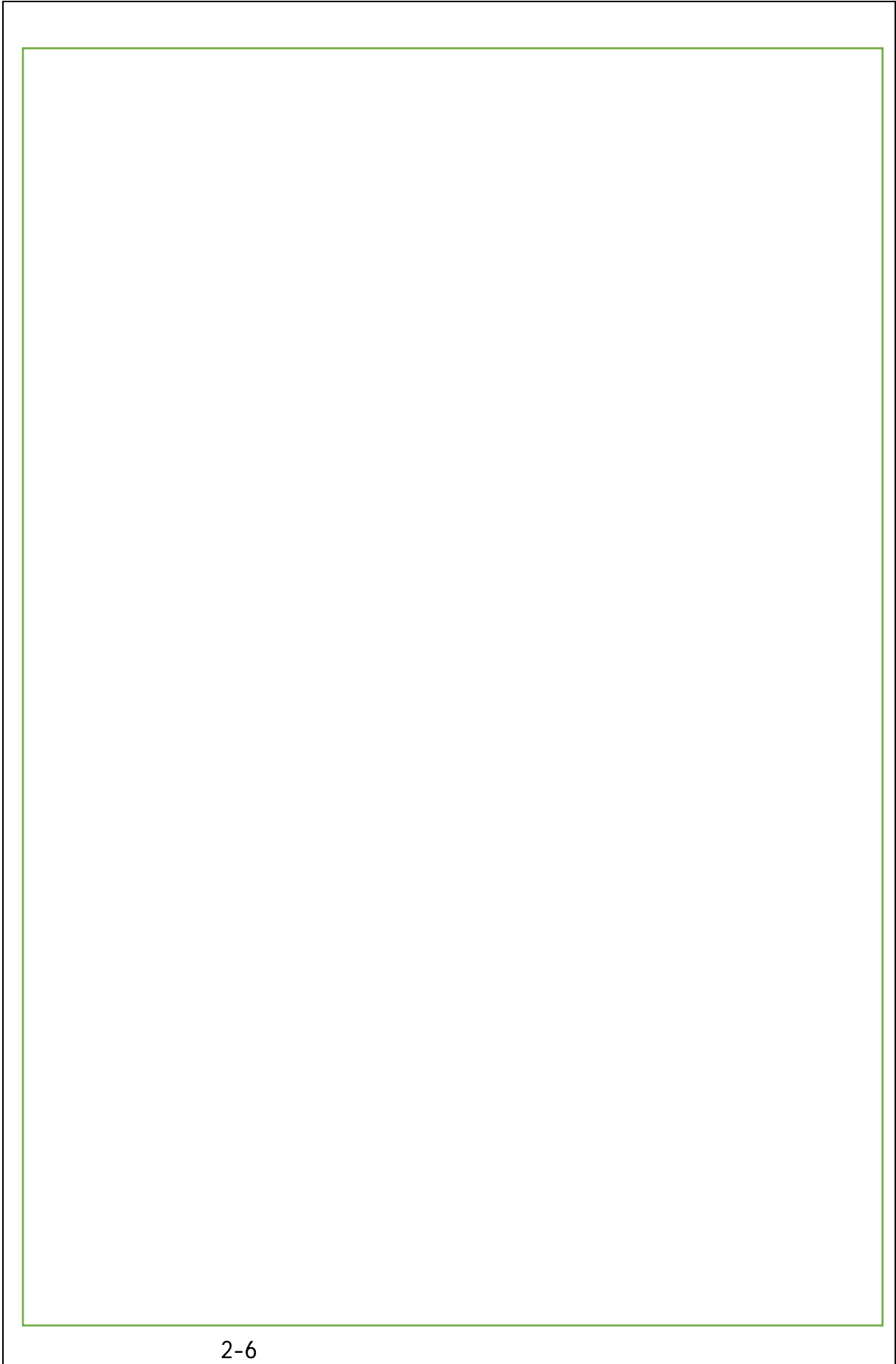


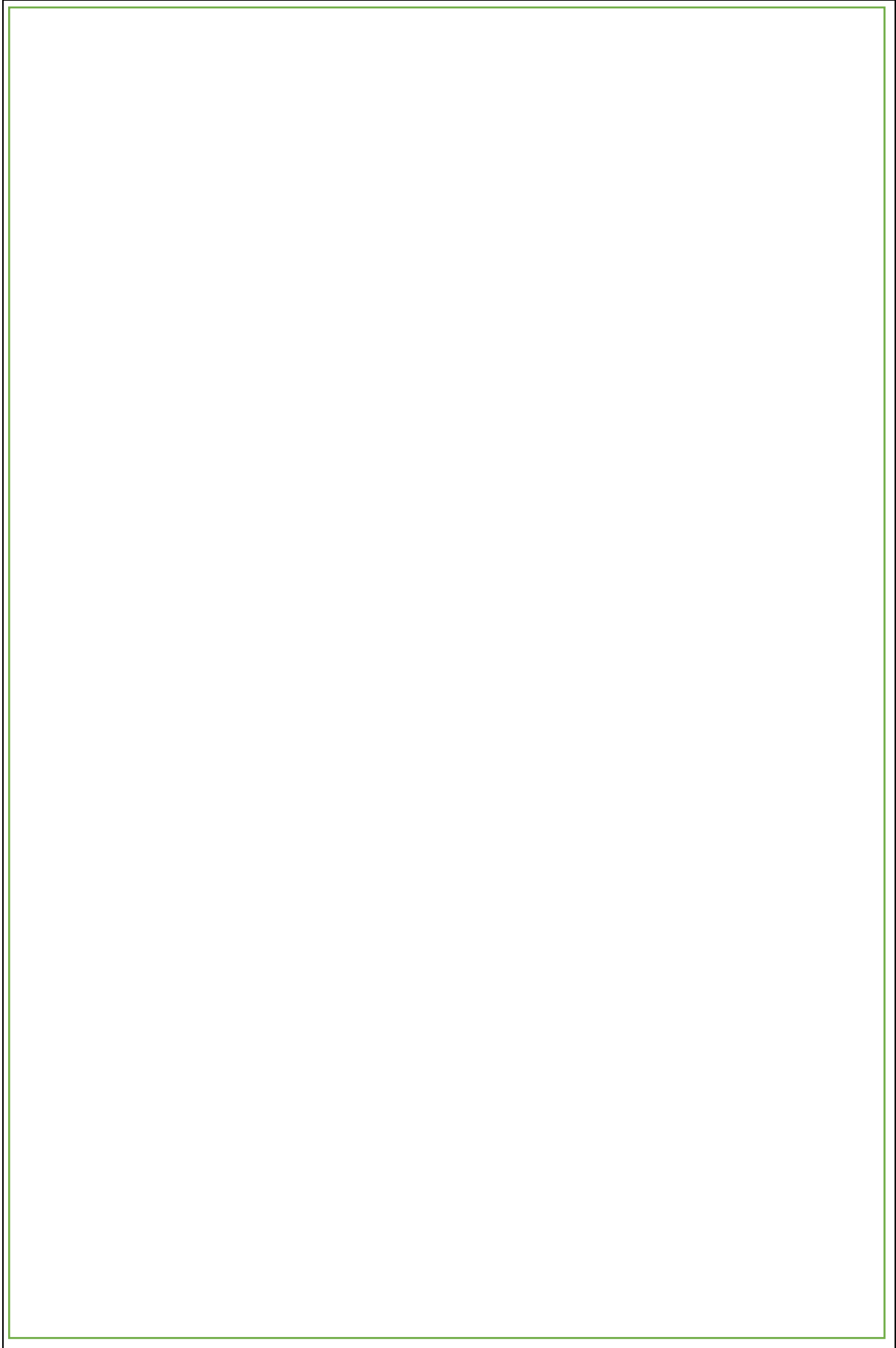


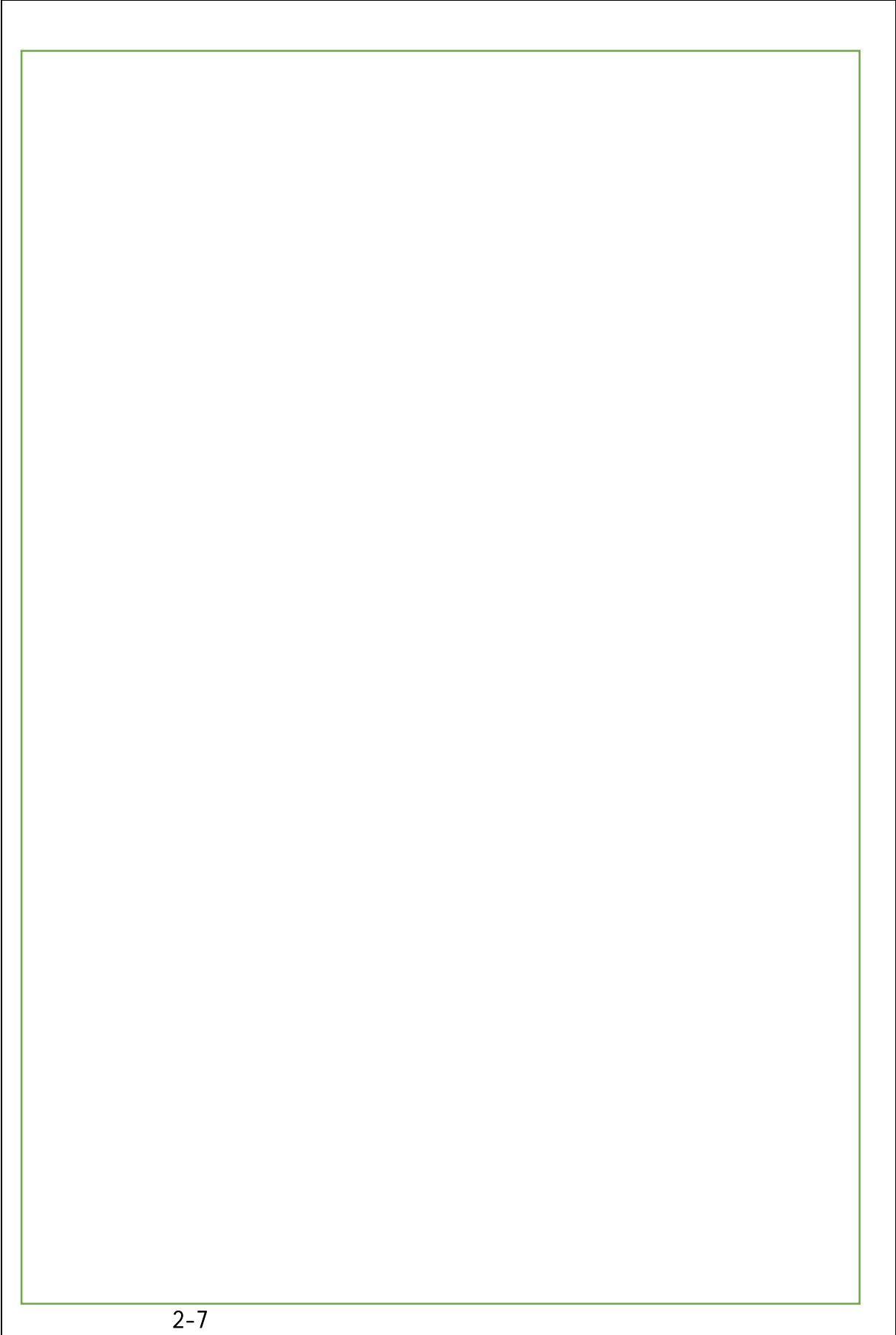




M



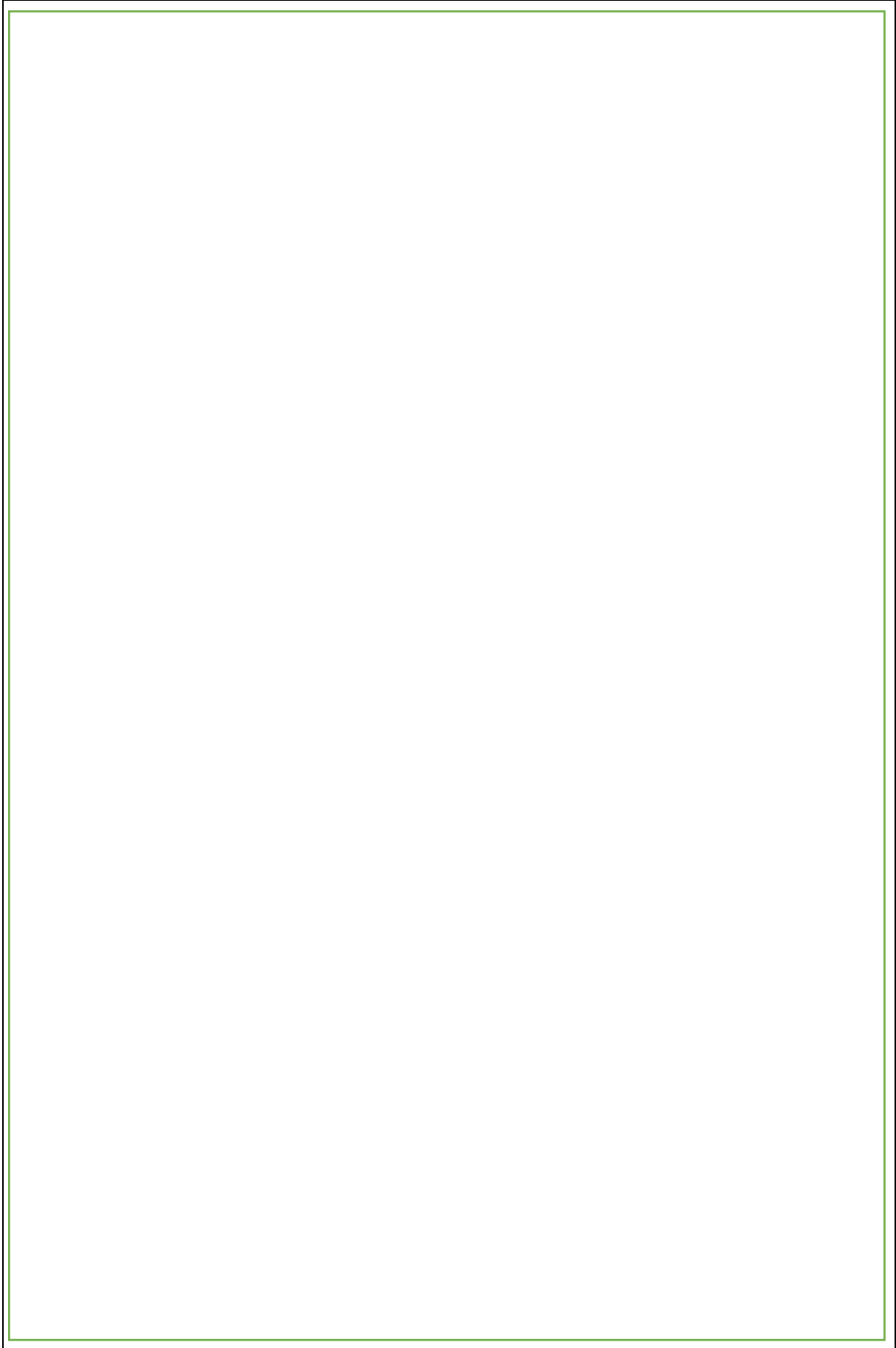






.3

1



[2018]6

2.

[2015]256

2-5

2-6

2-5

2-6

[2015]256

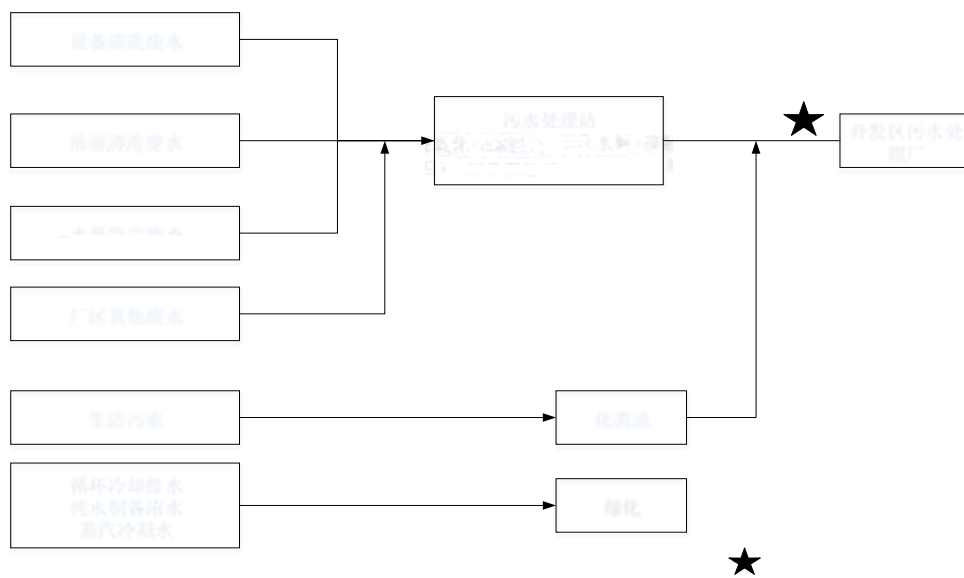
COD

42336.3 / 141t/d

150t/d

3-1

3-1



3-1

3-1

					t/a		
			COD SS		3600		

					800			
					96			
			COD SS		720			

1 15

FQ-05

1 15

FQ-08

2

1

+

2 15

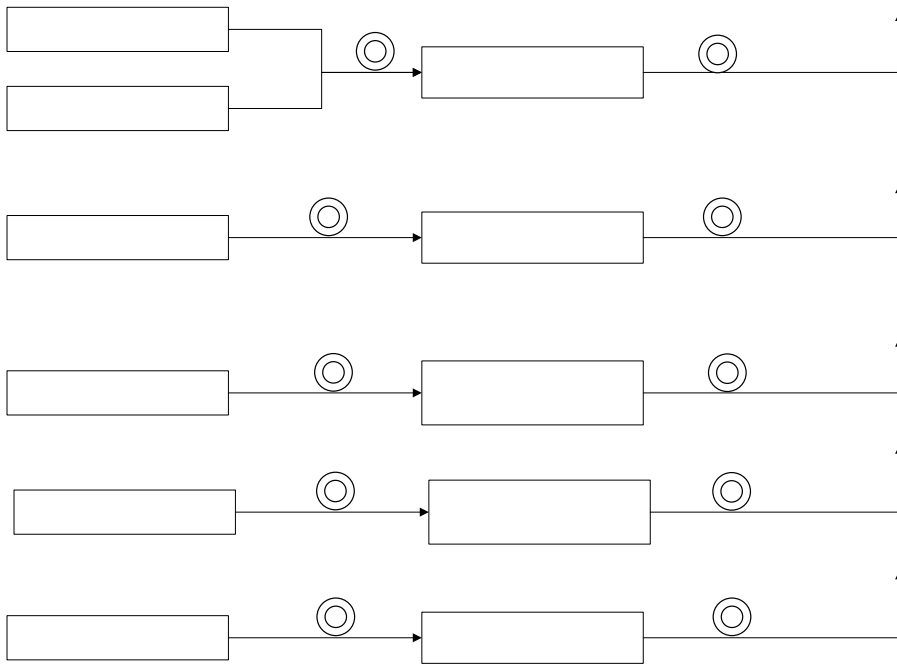
FQ-06 FQ-07

1 15

FQ-04

3-2

3-2



3-2

3-2

				60mi n/d	+15	+15	

50mi n/d

1			60mi n/d	+ +15	+ +15
2			60mi n/d	+ +15	+ +15

	/		HW49 900-041-49	0.04	0.03		
			HW02 272-005-02	1.06694	0.95		
			/	0.3	5		

/

				15	20
--	--	--	--	----	----

1

2

1 : 100%
99% + 99.5%
GB16297-1996 15m

2 :
5576t/a

3 :

20-25dB A

3

4

3

:

1

2

99

40

6321

650

“ ”

:

1

;

2

;

+

;

;

(GB16297-1996)

2

3

(GB12348-2008)

3

4

;

;

/

(GB18597-2001)

5

	(GB18597-2001)	
5		
6): 5576 30315 COD 1.586 8.936 NH ₃ -N 0.032(0.392) COD 0.558 3.028 NH ₃ -N 0.032(0.392) : 0.00506 0.00706)	5216 / COD _{Cr} 0.871 / SS 0.183 / 0.029 / 0.0028 / 42336.3 / COD _{Cr} 7.070 / SS 1.482 / 0.238 / 0.023 / 0.0047 /



10%
5-2

	2001108)			
SS	/	/	/	/
	/	/	/	/
	/	/	/	/
	/	/	/	/

GB/T16157-1996

HJ/T373-2007

HJ/T397-2007

6-1						
		6-1	2	3-1		
		/	/			
	S1		+ + +MBR	pH COD SS NH3-N TP		4 / 2
	S2	/	/	pH COD SS	/	1 /
	S3					2
6-2						
		6-2	2	3-2		
		/	/			
	Q1	(FQ-04)				3 / 2
	Q2					
	Q3					
	Q4					

(FQ-05)

6-4

	mg/L, pH	
pH	6-9	
	500	
	400	
	35	
	3.0	

GB16297-1996 2

GB16297-1996 7.2

$$\frac{1}{2}$$

h-

h₁, h₂- 1 2

$$Q=Q_1+Q_2$$

Q-

Q₁, Q₂ 1 2

GB16297-1996 7.1

200m

5m



5m

6-5

6-5

50%
15m, 200m
50%

2019 3 21 2019 3 22

75% " "

7-1

7-2

7-1

			/	/	/	%
2019 3 21	1		4.8	0.0667	0.0652	97.8
	2		6.0	0.0667	0.0654	98.0
2019 3 21	1		4.8	0.0667	0.0652	97.8
	2		6.0	0.0667	0.0654	98.0

7-2

			%	kPa	m/s	
2019 3 21		/	/	/	2.4	
2019 3 22		/	/	/	2.1	

7-3

7-3

(mg/L)

+ FQ-07 08 FQ-08
 Q10
 16297-1996 2
 16297-1996 2
 92.6% 96.0%
 95.9% 98.3% 1
 + 93.7% 96.0% 2 +
 92.4% 95.0%
 93.8% 97.0%
 7-4 7-5
 7-6 2 3-2
 7-1 7-2
 7-4

	3	22	mg/m ³						
			kg/h	8.97× 10 ⁻³	9.54× 10 ⁻³	1.09× 10 ⁻²	9.54× 10 ⁻³	/	/
Q4		2019	mg/m ³	1.2	1.1	1.2	1.2	120	
	3	21	kg/h	2.34× 10 ⁻⁴	2.26× 10 ⁻⁴	2.46× 10 ⁻⁴	2.46× 10 ⁻⁴	1.75	
			mg/m ³	1.8	1.3	1.6	1.8	120	
FQ-05		2019	kg/h	3.67× 10 ⁻⁴	2.52× 10 ⁻⁴	3.25× 10 ⁻⁴	3.67× 10 ⁻⁴	1.75	
	3	22							
Q5	1	2019	mg/m ³	15.0	12.5	15.7	15.7	/	/
	3	21	kg/h	0.134	0.112	0.141	0.141	/	/
	+								
		2019	mg/m ³						
		3	22						

+		kg/h						
	FQ-07	2019 3 22	mg/m ³	1.5	1.4	1.1	1.5	120
kg/h			3.57× 10 ⁻³	3.43× 10 ⁻³	2.65× 10 ⁻³	3.57× 10 ⁻³	1.75	
Q9	2019 3 21	mg/m ³	13.0	16.0	17.0	17.0	/	/
		kg/h	6.50× 10 ⁻²	7.84× 10 ⁻²	8.42× 10 ⁻²	8.42× 10 ⁻²	/	/
	2019 3 22	mg/m ³	13.6	14.4	16.8	16.8	/	/
		kg/h	6.97× 10 ⁻²	7.27× 10 ⁻²	8.57× 10 ⁻²	8.57× 10 ⁻²	/	/
Q10	2019 3 21	mg/m ³	1.1	1.1	1.1	1.1	120	
		kg/h	2.88× 10 ⁻³	2.95× 10 ⁻³	2.88× 10 ⁻³	2.95× 10 ⁻³	1.75	
FQ-08	2019 3 22	mg/m ³	1.6	1.4	1.3	1.6	120	
		kg/h	4.29× 10 ⁻³	3.71× 10 ⁻³	2.57× 10 ⁻³	4.29× 10 ⁻³	1.75	

7-5

kg/h

FQ-05						
%	98.3	98.1	97.9	95.9	97.4	97.0
Q5 1 +	0.134	0.112	0.141	0.140	0.126	0.142
Q6 1 +	6.27×10^{-3}	5.16×10^{-3}	5.59×10^{-3}	6.51×10^{-3}	7.96×10^{-3}	6.95×10^{-3}
FQ-06						
%	95.3	95.4	96.0	95.4	93.7	95.1
Q7 2 +	4.45×10^{-2}	4.25×10^{-2}	5.51×10^{-2}	6.38×10^{-2}	6.26×10^{-2}	5.25×10^{-2}
Q8 2 +	3.39×10^{-3}	2.91×10^{-3}	3.05×10^{-3}	3.57×10^{-3}	3.43×10^{-3}	2.65×10^{-3}
FQ-07						
%	92.4	93.2	94.5	94.4	94.5	95.0

Q9

6.50×10^{-2} 7.84×10^{-2} 8.42×10^{-2} 6.97×10^{-2} 7.27×10^{-2}

2019 3 21 2019 3 22

59.3dB(A)

GB12348-2008 3

7-7

7-7

				dB(A)	dB(A)		
2019 3 21	Z1	1		55.5	65		
	Z2	1		59.3	65		
	Z3	1		52.3	65		
	Z4	1		52.3	65		
	Z5	1		52.0	65		
	Z6	1		55.8	65		

2019
3 22

"

"

FQ-04 Q2

FQ-05 Q4

1

+

FQ-06 Q6

2

+

FQ-07 Q8

FQ-08 Q10

16297-1996 2

16297-1996 2

92.6% 96.0%

95.9% 98.3%

1

+

93.7% 96.0%

2

+

92.4% 95.0%

93.8% 97.0%

59.3dB(A)

GB12348-2008 3

/

/

1

" "

()

():

()

				/		99
()	[C2720]			/		118° 88' 65" 32° 14' 05"
	40			40		
				[2017]99		
	2017 11			2018 12 1		/
						/
()	42151	()		650	(%)	1.54
()	45720	()		695	(%)	1.52
()	/	()	/	()	/	() /
	/			/		/
				/		2019 5 21

(1)

(

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