

15390069881

:

18016138667

706

2013

300

7100

2015 9 28

[51068215092801] 0082 2016 4

2016 6

2

[2016] 105

"

"

2019 10

2019 11 15-17

2019 3

1

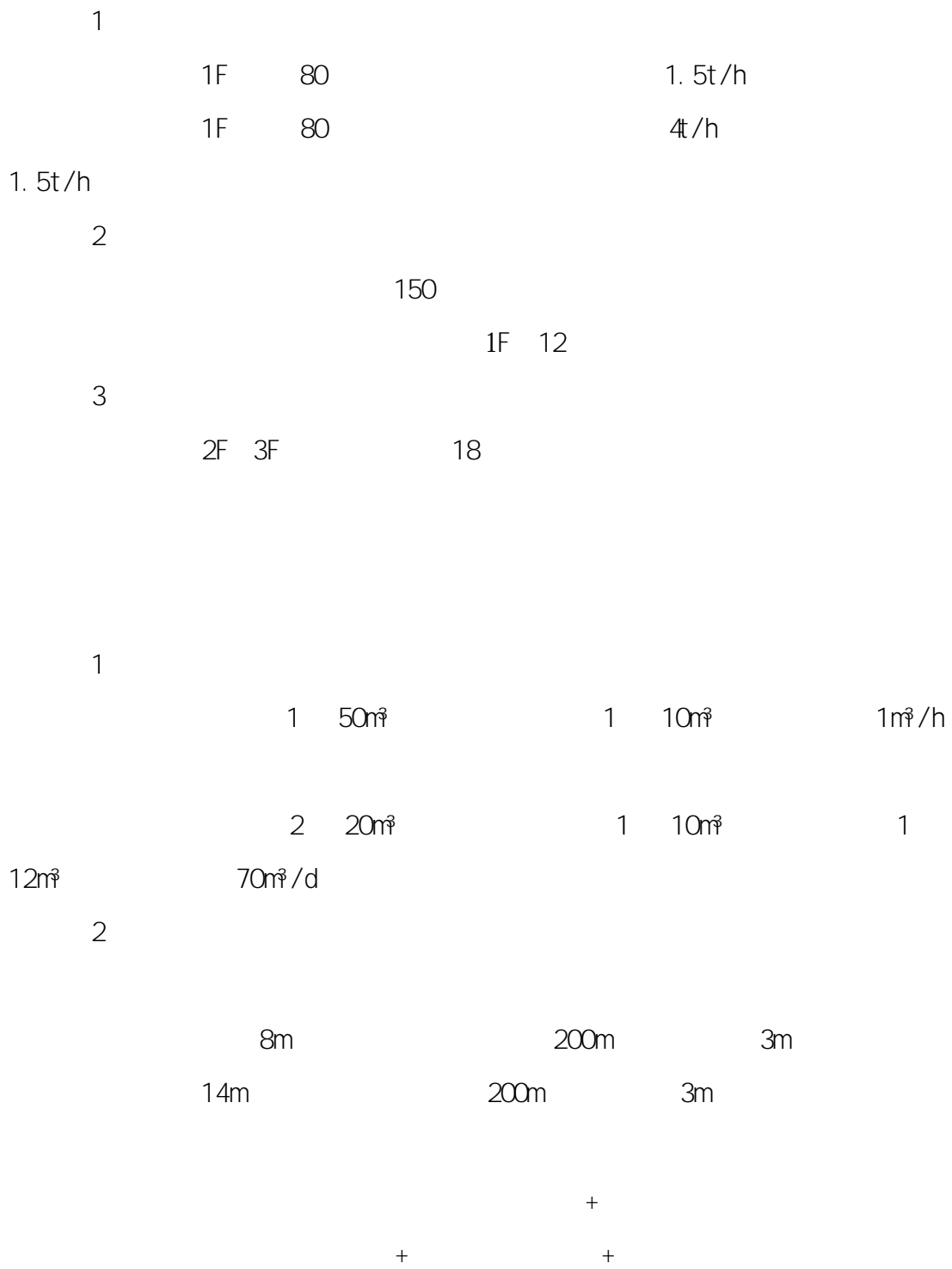
1300

3

20m× 3m× 2.5m

500

2



2

50m³

2

10m³

1

2

40t

2

50t

2

2

10t

2

10t

2F 3F

1

2

3

4

4

1

1				253
2				682
3		2017	7	16
4				2017 4
5	9			[2002] 222
6				[2006] 61
7				[2006] 1
8				2019 1 11
9	2016	6	2	[2016] 105
10	2015	9	28	[51068215092801] 0082
11	2016	4		
12				

	1		GB8978- 1996
	2		
	GB12348- 2008	3	
	3		GB18483- 2001
			GB14554- 93
			GB13271- 2014
	4		
	GB18599— 2001	2013	
			GB18597- 2001

1

15241.10

7500

2

2

1

[2011] 2013

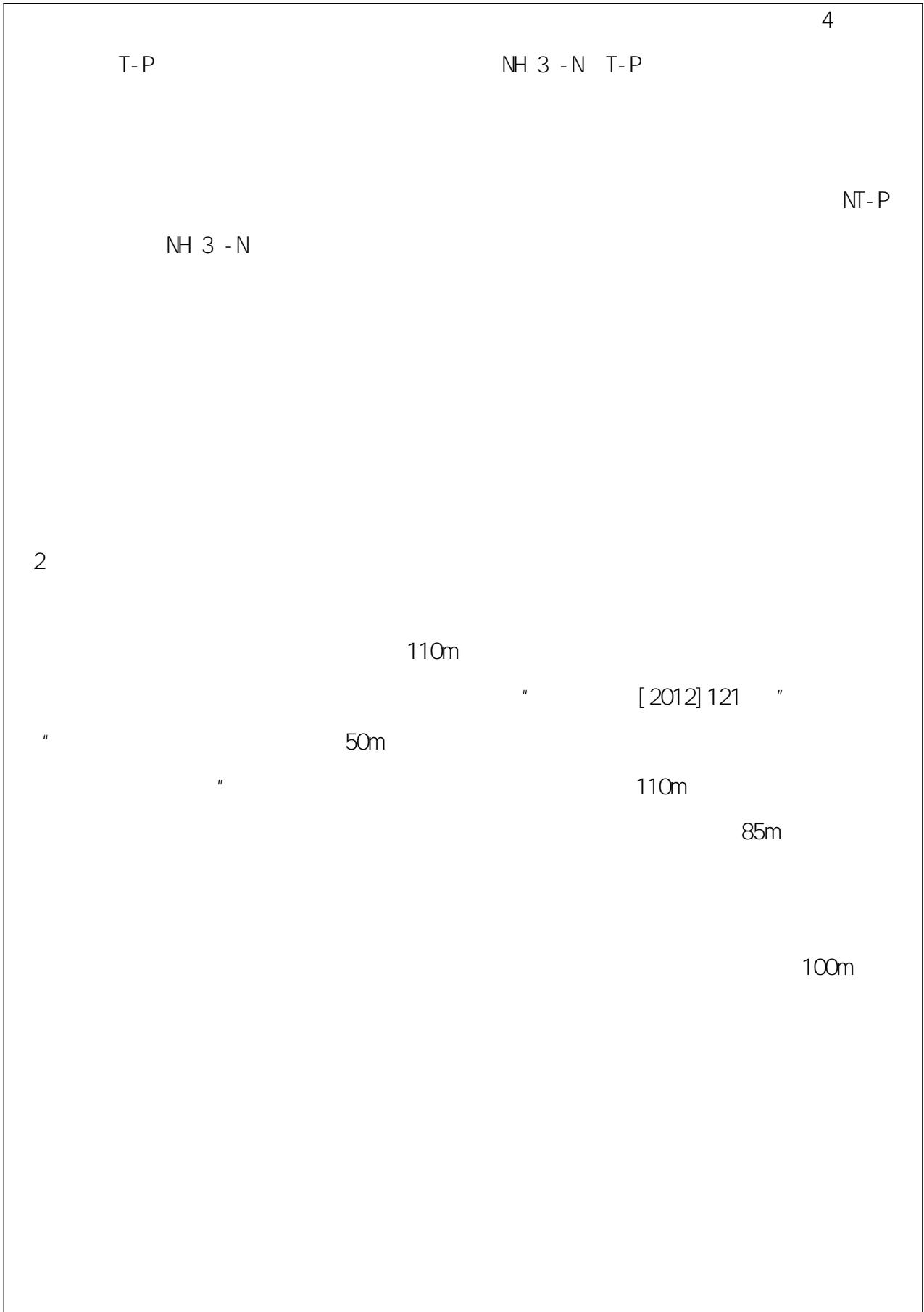
21

2011

"

2011

2005



						900m
						700m
						3
						7100
						1
						15241.10
						7500
						2
						1
			200			
			100			
			150			
			400			
		3F	200			
			80		/	
			200			
		2F	1300	2	500	
			3 × 3m × 2.5m	20m		

			300		
	2F		100		
		1F	80 1.5t/h	1F 80 4/h 1.5t/h	
	3F	1	80		
		4	250		
	2F	2	300		
			100		
			150		
	1F		150	1F 12	/
	2F 3F	2F 3F	18		/
					/
					/
		1 50m ³ /h 1 10m ³ /h	1m	2 20m ³ /d 1 10m ³ /d 1 12m ³ /d	70m ³
			8m 200m 3m	14m 3m	200m
					+
				+	
				+	
				+	

			5		/	
			$1.0 \times 10^{10} \text{cm/s}$			
			5		/	
			$1.0 \times 10^{10} \text{cm/s}$			
			1	2		
				50m³	/	
				10m³		
					/	
	1F	1500			/	
	3F	2	300	1F		
		2	40t	2	50t	/
		2	10t	2	10t	/

2

2

1			150g/	8000t/a	/
			400g/		
2			150g/	1500t/a	/
			300g/		
3			180g/	500t/a	/
				10000t/a	/

3

3

		4800t/a	4800t/a	50t 2
		960t/a	960t/a	10t 2
		700t/a	700t/a	
		8t/a	8t/a	
		700t/a	700t/a	
		590t/a	590t/a	
		900t/a	900t/a	
		600t/a	600t/a	
		400t/a	400t/a	
		70t/a	70t/a	
		200t/a	200t/a	
		84t/a	84t/a	
		0.005t/a	0	/
1.1 kw h/a	90 kw h/a	/		
19.536m³/a	224504 m³/a	/		
/	/	/		
1890m³/a	14910 m³/a	/		

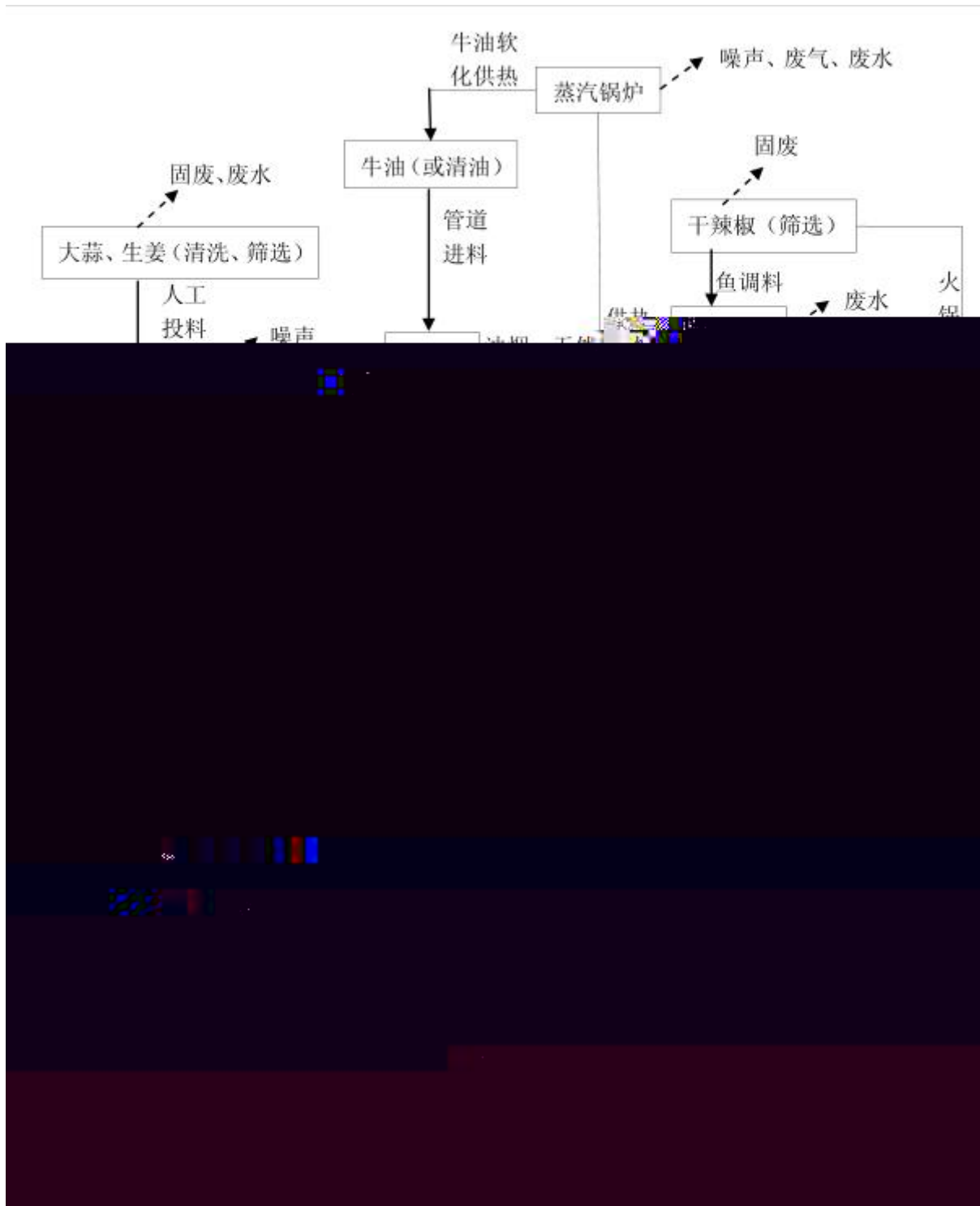
4

2

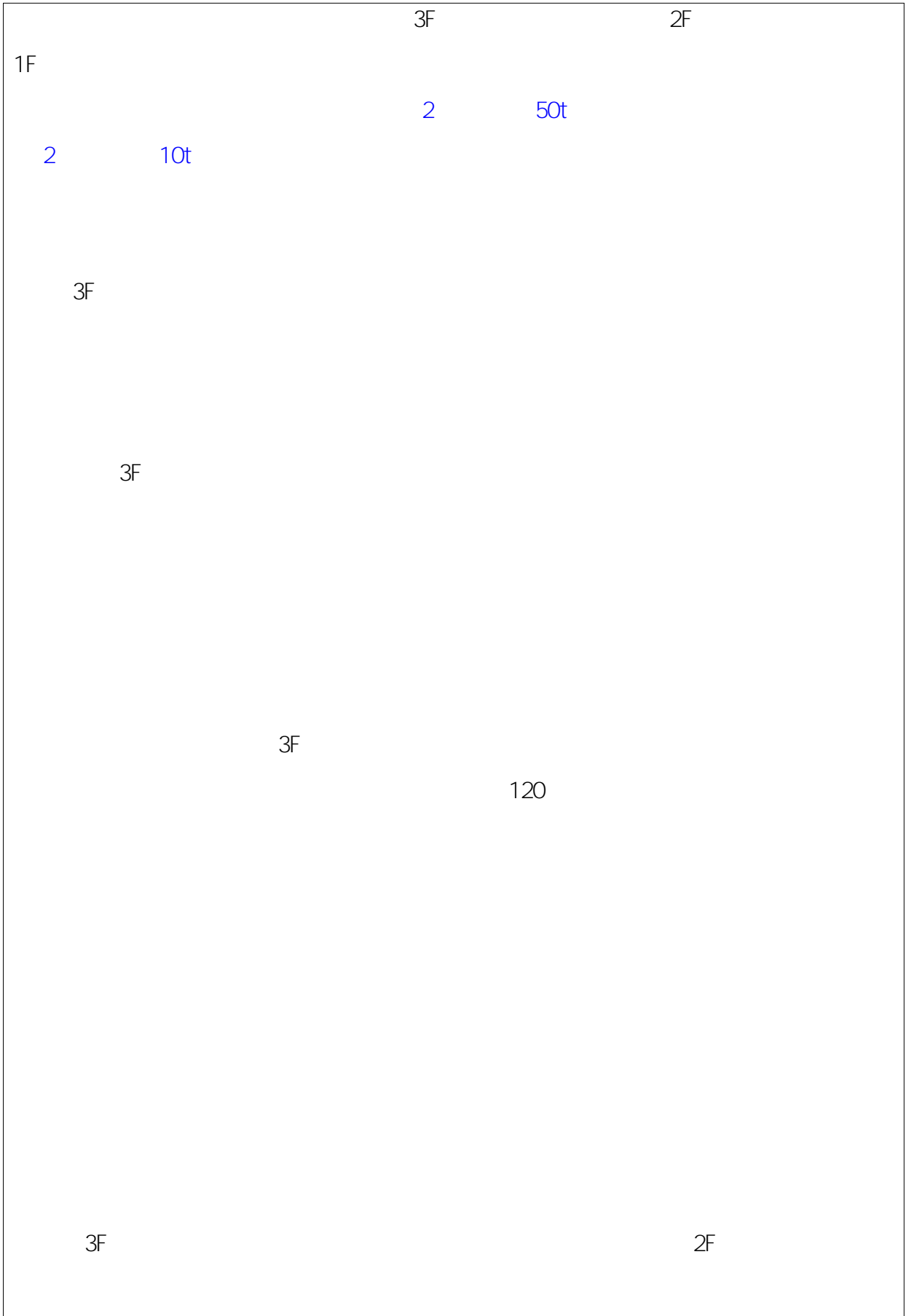
1

1

GB14881-2013



1



2°

2F

1F

+

+

3

1

1

2

2

1

NO_x SO₂

14m

2

+

+

+

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3

3

4

1

2



				0.45t/a	0.45t/a			
				0.43t/a	0.43t/a			
				10t/a	10t/a			
				/	/			
				/	/			
				1t/a	1t/a			
				5kg/a	5kg/a			
				/	/			
				/	/			
				GB12523-2011				
				65dB A 55dB A				

6 ()

8 ()

1			8m	1	14m	2			
			200m		3m			200m	3m
			1		1			"	"
			95%	20	+	+	26		
			1		+	+			
			+		"	"			
			1						
			17.7m						
			+						
			1						
2				3		130			
					10m ³				
			50m ³		1m ³ /h				
			1						
			" 2						
				2					
			10 ⁻¹⁰ cm ³ /s"	2		3			
3				0.1		2			
			/	0.1		1			
					1	3			
					1	0.5			
					1				

4							5	
			" 2 2 10^{-10} cm/s"	1			0.5	
5			" 2 2 10^{-10} cm/s"	2			5	
			" HDPE+ 10^{-10} cm/s"	1				
			1	1	2 50m ³ 10m ³	2	15	

6				1		1	
		/		34.2		194	

1

[2011] 2013

21

2011

"

2011

2005

"

[51068215092801] 0082

2

104m

15m

"

[2012] 121

"

"

50m

"

110m

85m

"

[2010] 169 "

"

15m

"

100m

900m 700m

3

4

“

”

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1

2

3

4

5

6

()

:

18 ()

2

() 1000

(

8000t/a

1500t/a,

500t/a)

7500

51.2

0.682%

(2011) (

[510682150928010082

7

" "

5

5

2019 11 15-17

12 25-26 "

"

1

8

	1 3		2 3 /

(162312050630)

2

4

1

2

2

1

2

3

4

5

6

GB12348-2008

7

9

	(GB16297-1996)				(GB16297-1996)			
	mg/m ³	kg/h		mg/m ³	mg/m ³	kg/h		mg/m ³
		m				m		
	120	15	3.5	1.0	120	15	3.5	1.0
	GB13271-2014 2				GB13271-2014 2			
		mg/m ³				mg/m ³		
		20				20		
		50				50		
		200				200		
	GB18483-2001				GB18483-2001			
		mg/m ³				mg/m ³		
		2.0				2.0		
	GB14554-93				GB14554-93			
	1	2			1	2		
		20				20		

		m			m	
		15	2000		15	2000
	GB8978-1996			GB8978-1996		
	4			4		
	pH	6~9		pH	6~9	
		-			-	
		500			500	
		300			300	
		400			400	
		100			100	
	GB12348-2008 3			GB12348-2008 3		
		65 dB(A)			65 dB(A)	

1

2019 11 15-16 12 25-26

10

mg/m³

			m ³ /h	805	730	750
			mg/m ³	5.3	5.8	5.9
			mg/m ³	10.1	11.3	11.8
			kg/h	4.27× 10 ⁻³	4.23× 10 ⁻³	4.43× 10 ⁻³
			mg/m ³			
			mg/m ³			
	11 15		kg/h	1.21× 10 ⁻⁶	1.10× 10 ⁻⁶	1.13× 10 ⁻⁶
			mg/m ³	34	35	29
			kg/h	65	68	58
			kg/h	0.0274	0.0256	0.0218
	11 16		m ³ /h	677	679	632
			mg/m ³	5.5	5.5	5.2

		mg/m ³	11.5	11.5	10.6
		kg/h	3.72×10 ³	3.73×10 ³	3.29×10 ³
		mg/m ³			
		mg/m ³			
		kg/h	1.02×10 ⁶	1.02×10 ⁶	9.48×10 ⁷
		mg/m ³	35	34	43
		kg/h	73	70	87
		kg/h	0.0237	0.0231	0.0272
			87mg/m ³		11.8

mg/m³

GB13271-2014 2

50mg/m³

200mg/m³

20mg/m³

11

mg/m³

	11 15		0.418	0.518	0.559
	11 16		0.651	0.698	0.749
	12 25		97	72	97
	12 26		131	97	131

0.749mg/m³

GB18483-2001 2

GB14554-1993 2

12

mg/m³

	1#	0.083	0.100	0.083
	2#	0.183	0.167	0.200
11 16	3#	0.217	0.200	0.200
	4#	0.167	0.183	0.200
	1#	0.100	0.083	0.083
11 17				

	12 25	1#	16	18	15
		2#	13	16	15
		3#	10	14	18
		4#	17	13	14
	12eq 26	1#	16	16	15
		2#	13	12	13
		3#	10	14	18
		4#	11	13	16

0.233mg/m³

(GB16297-1996) 2

1.0mg/m³

GB14554-1993 1

2

2019 11 16-17

13
11 16

dB(A)
11 17

Leq

1# 57

Seed

pH	11 16		7.75	7.74	7.76
	11 17		7.77	7.75	7.76
	11 16		25	27	23
	11 17		24	26	23
	11 16		1.81	1.77	1.90
	11 17		1.84	1.77	1.90
	11 16		221	230	199
	11 17		215	221	208
	11 16		36	41	31
	11 17		31	36	34
	11 16		0.49	0.49	0.50
	11 17		0.50	0.49	0.48
	11 16		527	512	523
	11 17		530	520	528

pH

GB8978-1996 4

1

" "

[51068215092801] 0082

" "

2016 4

2016 6 2

[2016] 105

2016 7

2017 7

2

14m

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4		
5	0. 005t/a, : COD 0. 0535t/a	
6		
7		

5

6

" " " "

1

2

3