
1.	1
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1.2	1
1.3	1
1.4	5
2.	7
2.1	7
2.2	7
2.3	7
2.4	15
2.5	16
2.6	16
2.7	17
3.	21
3.1	21
3.2	22
3.3	27
4.	32
4.1	32
4.2	32
5.	33
6.	60
7.	63
	63
	63

1.

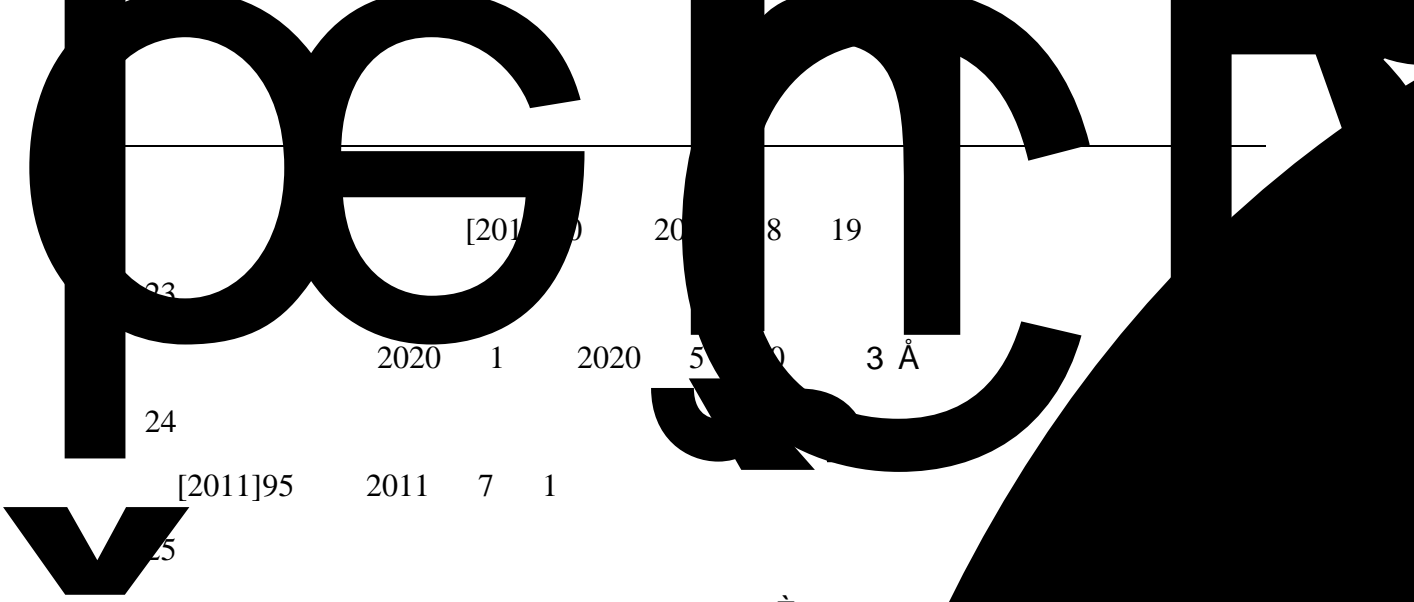
1.1

1.2

1.2.1.

1							2021	9	1
2							2021	4	29
3						591	2013	12	7
645									
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5					2025				
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16 2008 2 1
9 2 2019 9 1
10
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11 44 2015 5
29 80 2015 7 1
12 55
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17 “ ”
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21 < 2015 > “ 1674 [60]”
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[201] 20 8 19

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28 GB/T 34661-2017
29 GB/T 35579-2017
30 GB/T 50759-2022
31 GB/T 13869-2017
32 AQ 8001-2007

1.2.3.

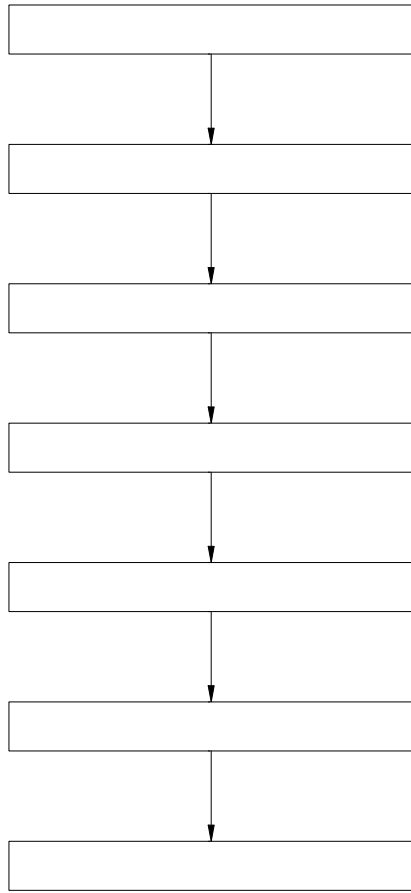
1 2005 4
2 2002
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3 2003 7

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	& %		a	
	1 H=7m	-	5	26
			5.5	31
	1 H=7m		5	26
		-	-	-
	2 H=9m	-	5	24
102			5.5	27
	1 H=7m	-	5	23.5
			5	29
	1 H=7m		5	31
		-	-	-
	2 H=9m	-	5	33.5
102			5	36.5
	1 H=7m	-	5	23.5

1	H=7m		5	22
		-	-	-
2	H=9m	-	5	23
102			3	26
1	H=7m	-	5	44
			3	46
1	H=7m		5	21
		-	-	-
2	H=9m	-	5	30
102			3	33
1	H=7m	-	5	23.

	2 H=9m		-	5	46
	102			5	49



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3-1

1		200t
2		5000t

$60m^3$

0.75

45t

$60m^3$

0.89

53.4t

$$S = 45/200 + 53.4/5000 = 0.23568 < 1$$

3.2

3.2.1

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50 -35 -50 45

15min

10

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GB50156-2021

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SF

GB50156-2021

6.5.3

10mm 30mm

23

GB50156-2021

6.5.4

24

)!)

	<p>1</p> <p>2</p> <p>1 5kg</p> <p>6L</p> <p>1</p> <p>15m</p> <p>2m³</p> <p>2 5kg</p> <p>2 2</p> <p>35kg</p> <p>5</p> <p>2 2m³</p>	<p>GB50156-2021</p> <p>12.1.1</p>	<p>8</p> <p>5kg</p> <p>2</p> <p>35kg</p> <p>2</p> <p>3m³</p>	
	<p>2</p> <p>GB50140</p>	<p>GB50156-2021</p> <p>12.1.2</p>	<p>5kg</p> <p>12</p> <p>3kg</p> <p>CO₂</p> <p>4</p> <p>4kg</p> <p>1</p>	
	<p>1</p> <p>0.25m</p> <p>0.25m</p>	<p>GB50156-2021</p> <p>12.3.2</p>		

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GB50156-2021
12.3.3

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AQ3010-2022
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∇Q3010-5055

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13.2.11

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GB50156-2021
13.2.13

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13.2.14

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13.2.15

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	3.	0.5m	GB50156-2021 13.3.3	0.5m	
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	1	140kw	GB50156-2021 14.1.3		
	2m				
	2	12 5	GB50156-2021 14.1.4		
	300cm ² /m ²	2			
	3		GB50156-2021 14.1.5		

1		GB50156-2021 14.2.1		
2	4.5m 2m GB50068 GB50009 GB50011	GB50156-2021 14.2.2	6m GB50009 GB50011	
3	0.15 0.2m 1.2m 0.6m 100mm 0.5m	GB50156-2021 14.2.3	1.2m 0.2m 0.6m	
4		GB50156-2021 14.2.7		
5		GB50156-2021 14.2.9		

	6	300m ²	GB50156-2021 14.2.10		
	7	B GB50016	GB50156-2021 14.2.11	B	
	8	3h	GB50156-2021 14.2.12		
	9		GB50156-2021 14.2.13		
	10	25m 5.0.13 3.0h	GB50156-2021 14.2.14		
	11		GB50156-2021 14.2.15		
	12		GB50156-2021 14.2.16		
	1		GB50156-2021 14.3.1		

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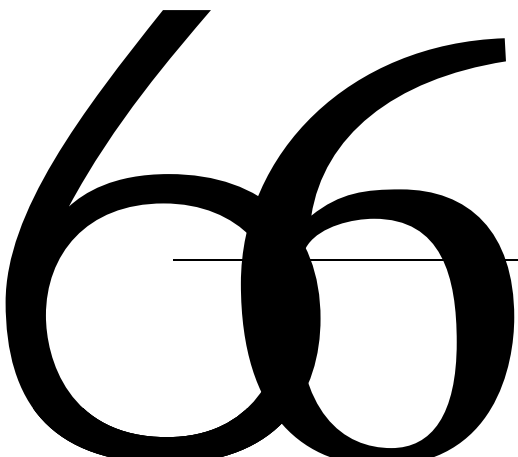
9

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\				
	5	5	0	0
	32	32	0	0
	22	19	0	3
	45	37	0	8

	8	8	0	0
	31	30	0	1
	16	8	0	8
	20	11	0	9
	179	150	0	29

5-9



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GB50156-2021



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GB50058-2014

- 1 0
- 2 1
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2. 1

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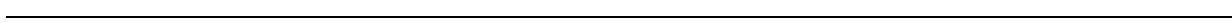
1 1

2 4.5m

0.15m 3m 2

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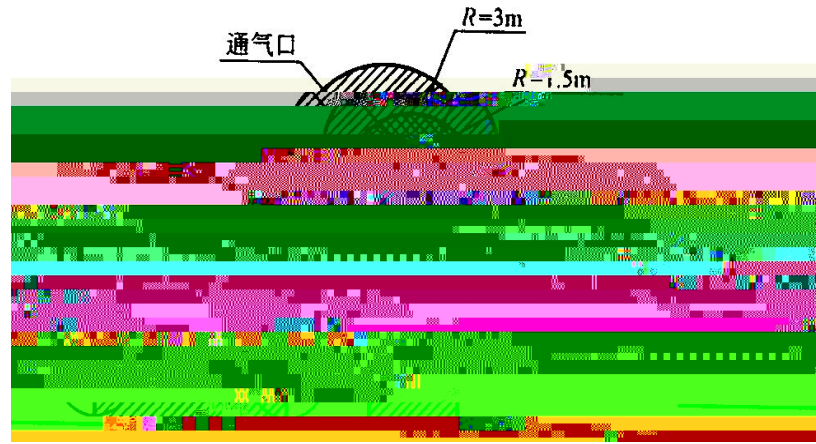
4. 2



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3m

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1.5m

1m

3m 2m

1.5m

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