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1.2	1
1.3	5
1.4	5
2.1	7
2.2	7
2.3	7
2.4	9
2.5	9
2.6	10
2.7	11
3.1	14
3.2	15
3.3	19
4.1	25
4.2	25

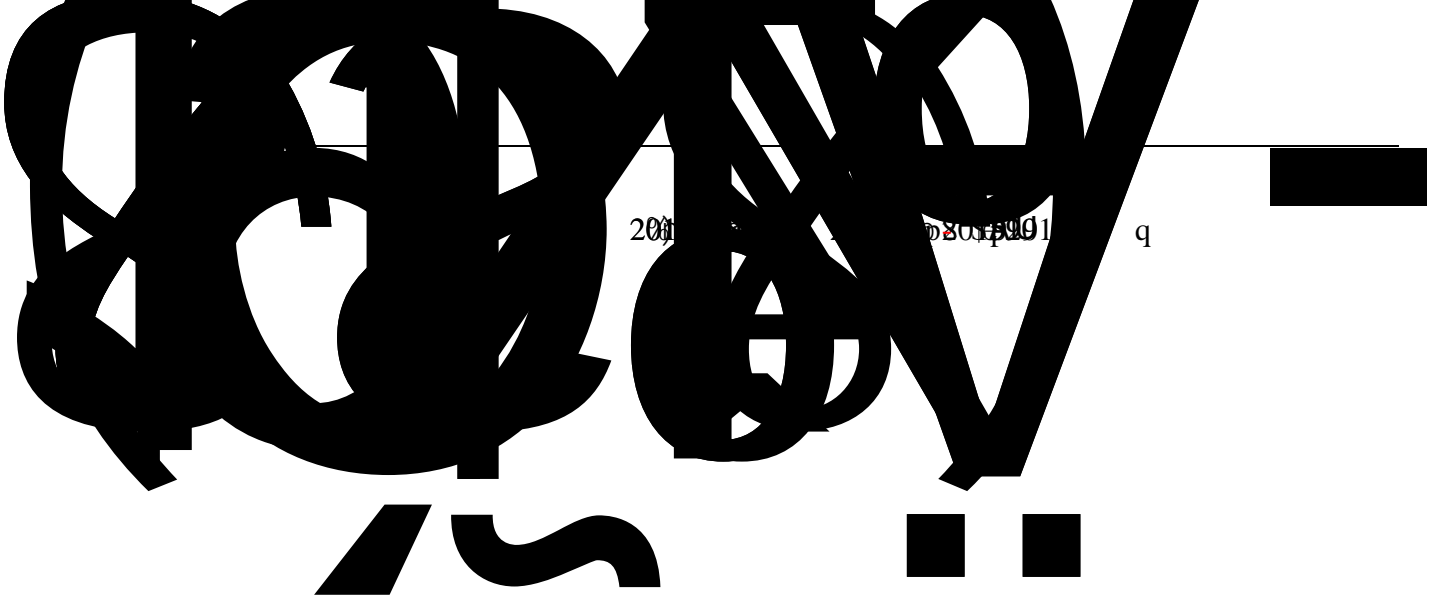
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1.2.1.

1								2021	9	1
2								2021	4	29
3						591		2013	12	7
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5					2025					
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2018 8 31

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GB 6944-2025

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GB 12268-2025

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GB 18218-2018

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GB 17914-2013

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GB 55036-2022)

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GB 50058-2014

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AQ 3009-2007

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GB/T 6441-1986

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GB/T 13861-2022

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GB 50016-2014 2018

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GB 50140-2005

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GB 55037-2022

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GB 50057-2010

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GB 12158-2024

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GB/T 50610-2010

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GB 20952-2020

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GB 50395-2007

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GB/T 29639-2020

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(GB/T 12801-2008)

21

(GB 5083-2023)

22

YJ/T 9007-2019

23

(AQ 3010-2022)

24

AQ 3018-2008

25

GB 30871-2022

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XF/T 3004-2020

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SH/T

3178-2015

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GB/T 13869-2017

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AQ 8001-2007

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2	198m ²	H=6m
3	20m ²	



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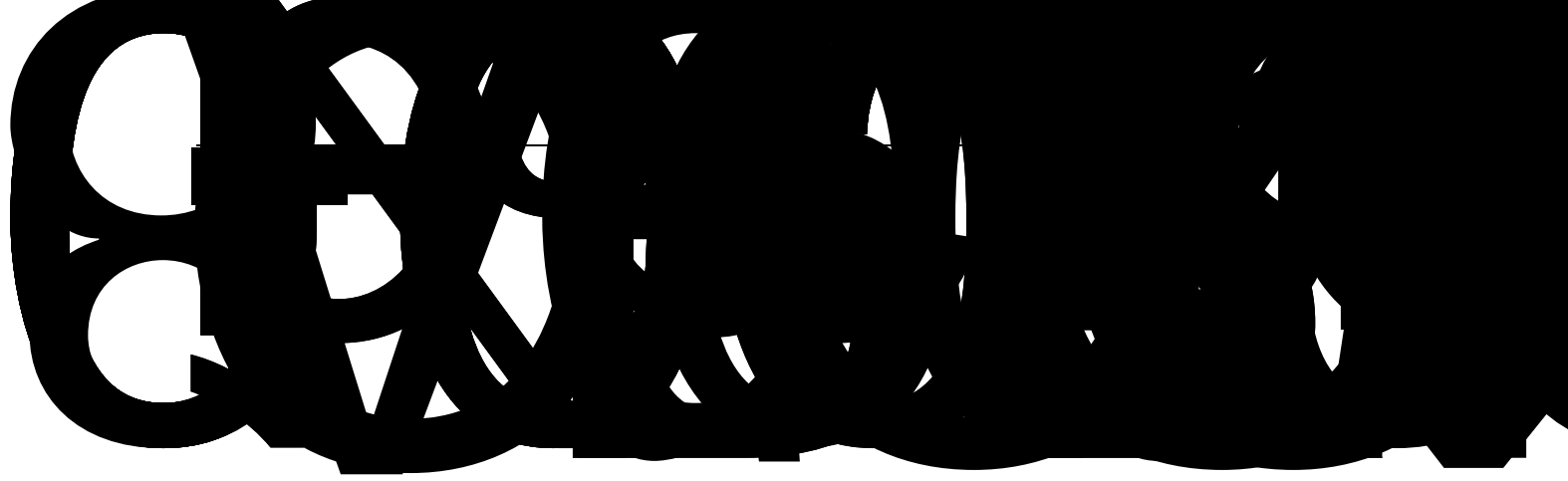
3

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1.0 1.2

2.6-1 2.6-2 2.6-3 2.6-4



2.6-2

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2.6-4

2.7

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$Q_1 \quad Q_2 \dots Q_n$

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3.1-1

3.1-1		
1		200t
2		5000t

60m³

0.75

45t

30m³

0.89

26.7t

$$S=45/200+26.7/5000=0.23034<1$$

3.2

3.2.1

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1.4% 7.6%

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0.813MPa

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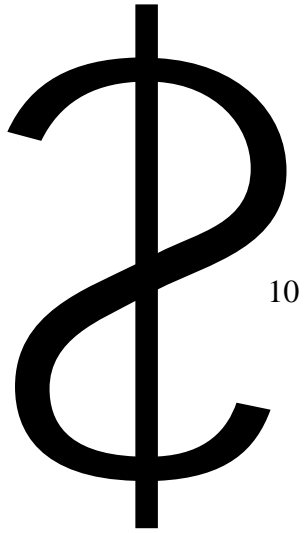
1000m³

15min

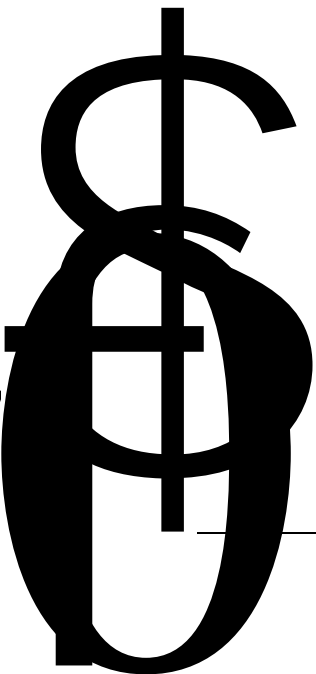
50m

300m

1674



15min



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3.3.1

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70m

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1986 5 2

3.3.5

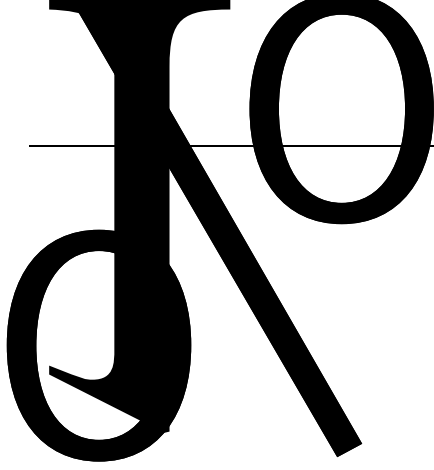
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50156	3.0.15		GB50156-2021 3.0.9	30m ³
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			GB50156-2021 5.0.1	

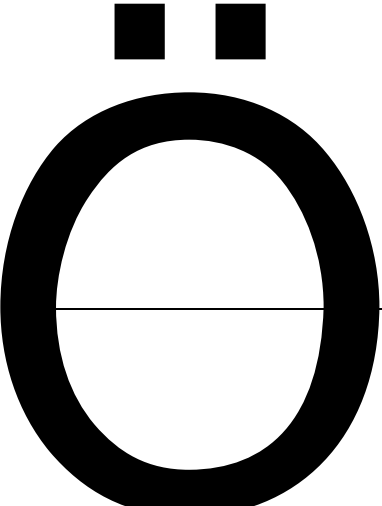
2

4m

6m

8%

			2.2m		
4.0.4	1.5	25m			
				GB50156-2021	
				5.0.12	
					2.3-1
4.0.4					
12					
GB50156	5.0.13			GB50156-2021	
				5.0.13	2.3-2
13	5.0.13-1				
		5.0.11			
				GB50156-2021	
		A		5.0.15	
14					
	C			GB50156-2021	
				5.0.16	



		GB50156-2021 6.1.2		
3		GB 50156-2021 6.1.3	SF	
4	6.1.4 0.08MPa	GB50156-2021 6.1.4	SF	
5	- SH/T3178	GB50156-2021 6.1.5	SF	
6	GB/T 51344	GB 50156-2021 6.1.6	SF	
7	10^9 10^9 A=0.04Vt	GB50156-2021 6.1.7	SF	
8	11.2	GB50156-2021 6.1.8	SF	
9		GB50156-2021 6.1.9	SF	
10	4mm 80mm	GB50156-2021 6.1.10	SF	

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GB50156-2021
6.3.1

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GB50156-2021
6.3.2

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GB 50156-2021

6.3.12

GB/T8163

GB/T8163

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13

GB50156-2021

6.3.1

30mm

10mm

	<p>1 35kg</p> <p>15m</p> <p>2m³</p> <p>2m³</p> <p>5</p> <p>2</p>		<p>2</p> <p>2m³</p> <p>6</p>	
	<p>2</p> <p>GB50140</p>	<p>GB50156-2021</p> <p>12.1.2</p>	<p>8kg</p> <p>4</p> <p>5kg CO₂</p> <p>5</p> <p>GB50140</p>	
	<p>1</p> <p>0.25m</p> <p>0.25m</p>	<p>GB50156-2021</p> <p>12.3.2</p>		
	<p>2</p>	<p>GB50156-2021</p> <p>12.3.3</p>		
	<p>1 GB/T2893.5 GB2894</p> <p>GB13495.1 GB15630</p>	<p>AQ3010-2022</p> <p>4.4</p>		
	<p>2</p> <p>GB/T 50493</p>	<p>AQ3010-2022</p> <p>4.5</p>		

13.1.4

5m
3m

4.5m
4.5m

	0.5mm 0.65mm 0.7mm			
5		GB50156-2021 13.2.7		
6		GB50156-2021 13.2.8		
7	380/220V 380V TN-S TN-C-S	GB50156-2021 13.2.9		
8	30	GB50156-2021 13.2.10		
9		GB50156-2021 13.2.11		
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12		GB50156-2021 13.2.14		

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GB50156-2021
13.2.15

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GB50395-2007
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300cm²/m²

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14.2.7

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GB50156-2021
14.2.9

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300m²

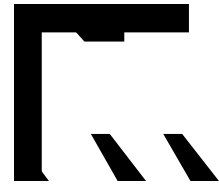
GB50156-2021

14.2.13

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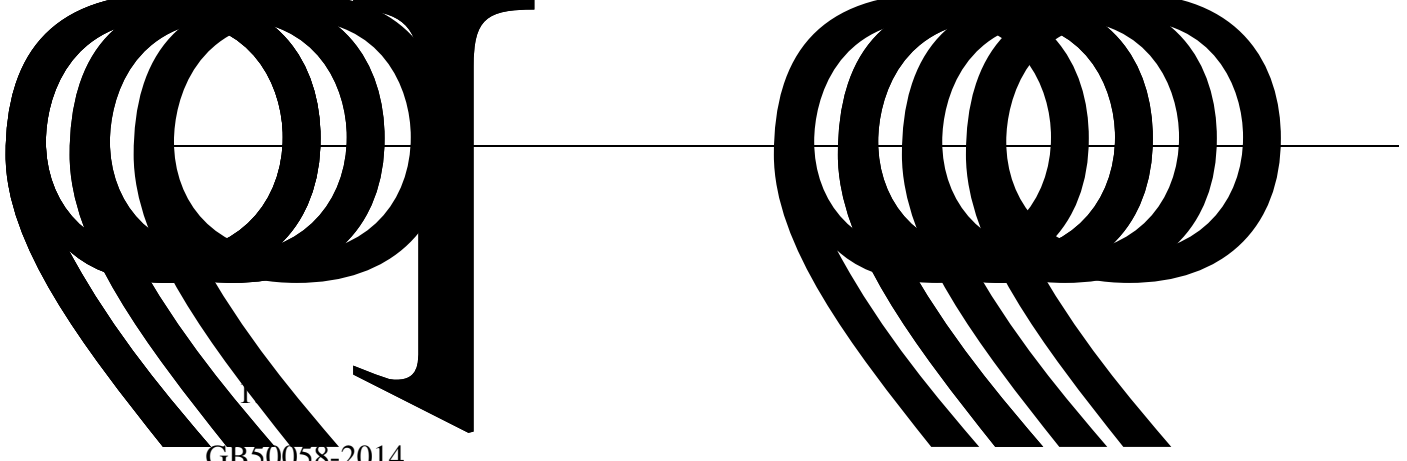
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GB50156-2021



GB50058-2014

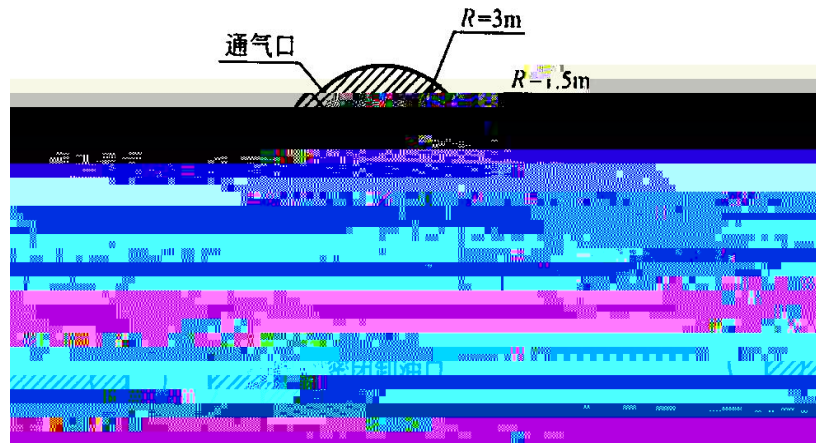
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3m 2m

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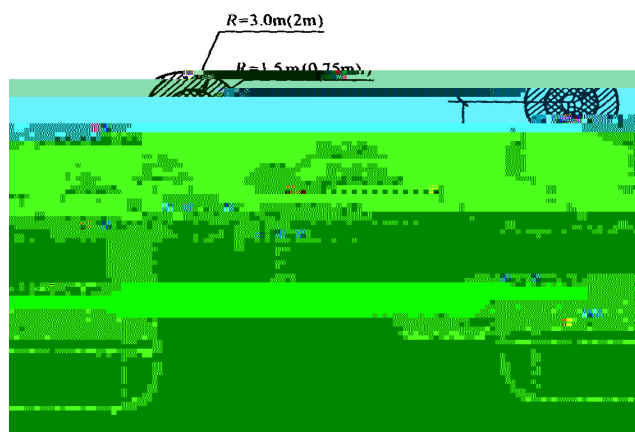
3

1.5m 0.75m

1

1m

1.5m



3

