

c

1.1	1
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

1.2.1.

1								2021	9	1
2								2021	4	29
3						591		2013	12	7
645										
4						708		2019	4	1
5					2025					
14	34	2025	5	28						
6								103		
					2022	11	9			
7									3	2015
5	29				80		2015	7	1	
8										



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(GB/T 12801-2008)

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(GB 5083-2023)

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YJ/T 9007-2019

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(AQ 3010-2022)

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AQ 3018-2008

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GB 30871-2022

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XF/T 3004-2020

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SH/T

3178-2015

28

GB/T 13869-2017

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AQ 8001-2007

1.2.3.

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5min

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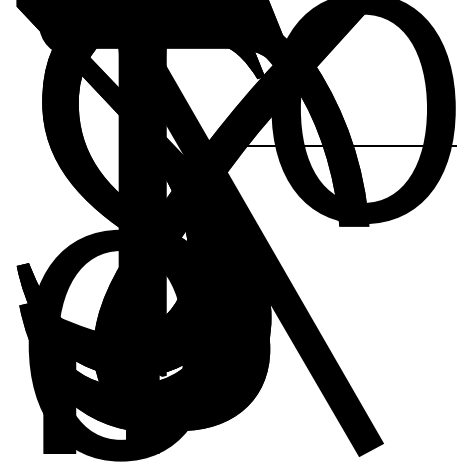
1.0 1.2

2.6-1

2.6-2

2.6-3

2.6-4



2.6-1

2.6-2

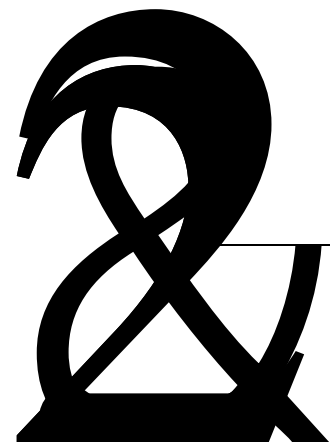
2.6-3

2.6-4

2.7

2.7.1

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2023 02 11 2026 02 10

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2025 09 19

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3.1.3

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

	2*		1B	2
1	-	2	-	2
	1630			

92 95 98 3

=1 0.72 0.775

=1 3 4 -46

1.4% 7.6%

415 530

0.813MPa

2

3

1000m³

15min

50m

300m

1674

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15min

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6			
7			

3.3.1

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70m

6 46

2

1987 2 4

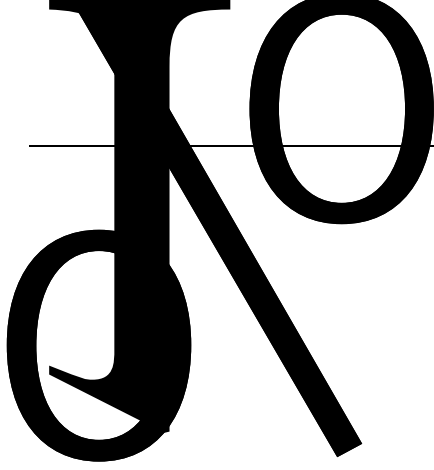
1986 5 2

3.3.5

3.3.6

3.3.7

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4.

4.1

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5-1~9

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			3.0.4	
2				
	GB 50966		GB50156-2021 3.0.5	
3		GB		
50156	3.0.15		GB50156-2021 3.0.9	30m ³
4				
			GB50156-2021 3.0.25	12
5				
			GB50156-2021 3.0.27	
1				
			GB50156-2021 4.0.1	
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			GB50156-2021 4.0.2	
3				
	GB 50156	4.0.4	GB50156-2021 4.0.4	2.3-1
4				
			GB50156-2021 4.0.12	
5				
			GB50156-2021 4.0.13	
1				
			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	<hr/>				
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	

1

GB50156-2021
6.3.1

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GB50156-2021
6.3.2

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25mm

25mm

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200mm

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GB50156-2021

6.3.8

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\$22

GB 50156-2021

6.3.12

GB/T8163

GB/T8163

4mm

4mm

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108 -m

1010

13

GB50156-2021

6.3.1



30mm

10mm

a "

	<p>1 35kg</p> <p>15m</p> <p>2m³</p> <p>2m³</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		
10	5	GB50156-2021 13.2.12		
11		GB50156-2021 13.2.13		
12		GB50156-2021 13.2.14		

13
100



GB50156-2021
13.2.15

14

1 GB50156-2021 1
13.2.16

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GB50395-2007
5.0.1

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GB50395-2007
5.0.5

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1

140kw

2m

GB50156-2021
14.1.3

2

12

5

GB50156-2021
14.1.4

300cm²/m²

2

3

GB50156-2021
14.1.5

1

GB50156-2021
14.2.1

2

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GB50009

GB/T 50011

3

0.15 0.2m
1.2m

1.2m
0.2m

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GB50156-2021
14.2.3

0.6m

100mm

0.5m

4

GB 50016

GB50156-2021
14.2.4

5

GB50156-2021
14.2.7

6

GB50156-2021
14.2.9

7

300m²

GB50156-2021

14.2.13

11

25m

5.0.13

6

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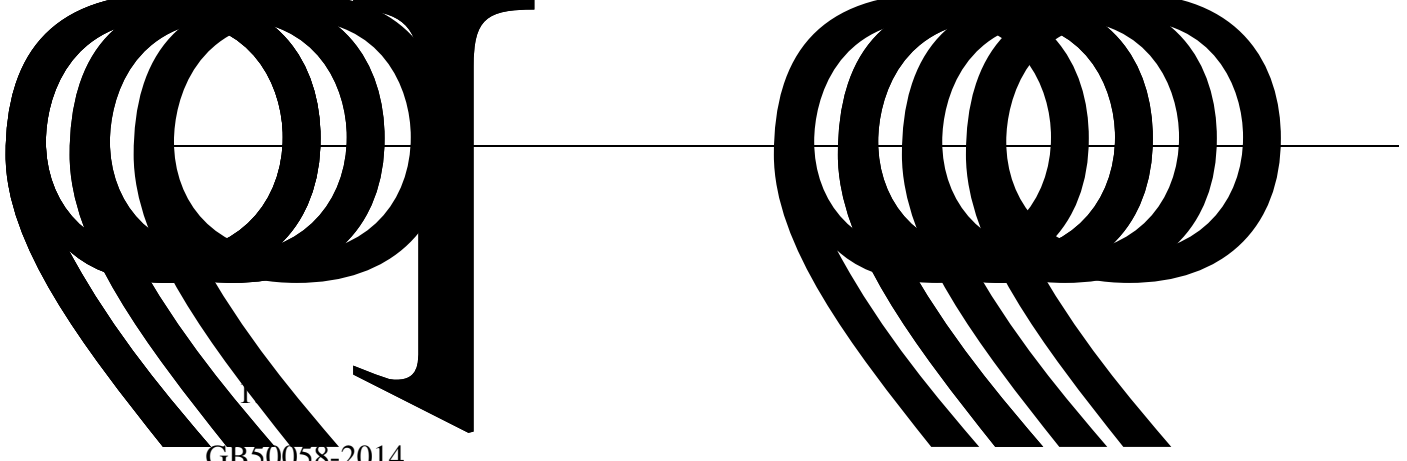
11

2018 74

12

7.

GB50156-2021



GB50058-2014

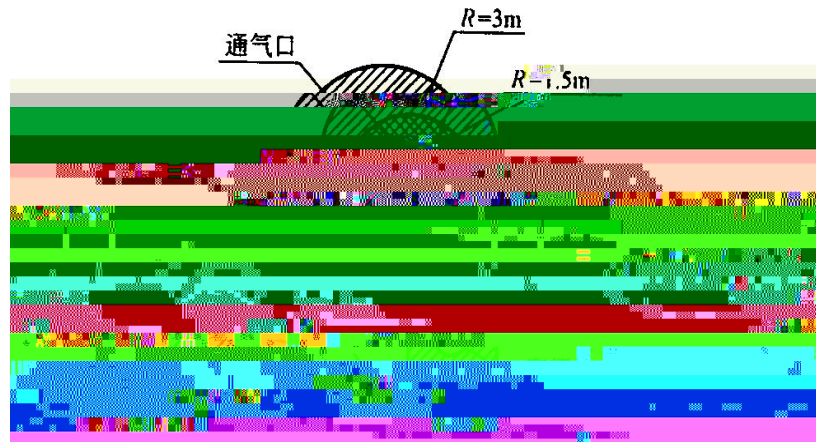
1 0

2 2 1

3
1.5m

3m

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5.

1

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1.5m 0.75m

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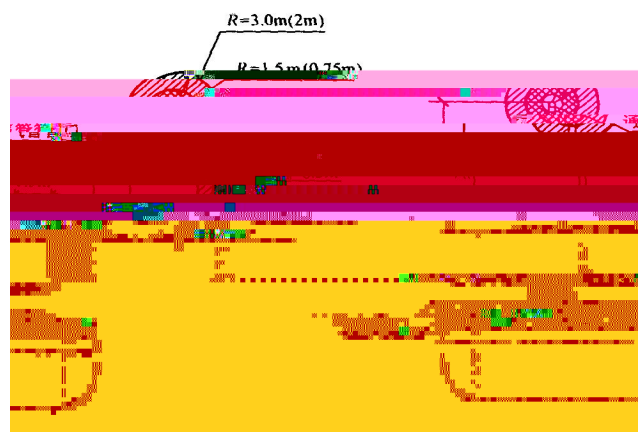
1.5m

1m

3m 2m

1.5m

2



3
