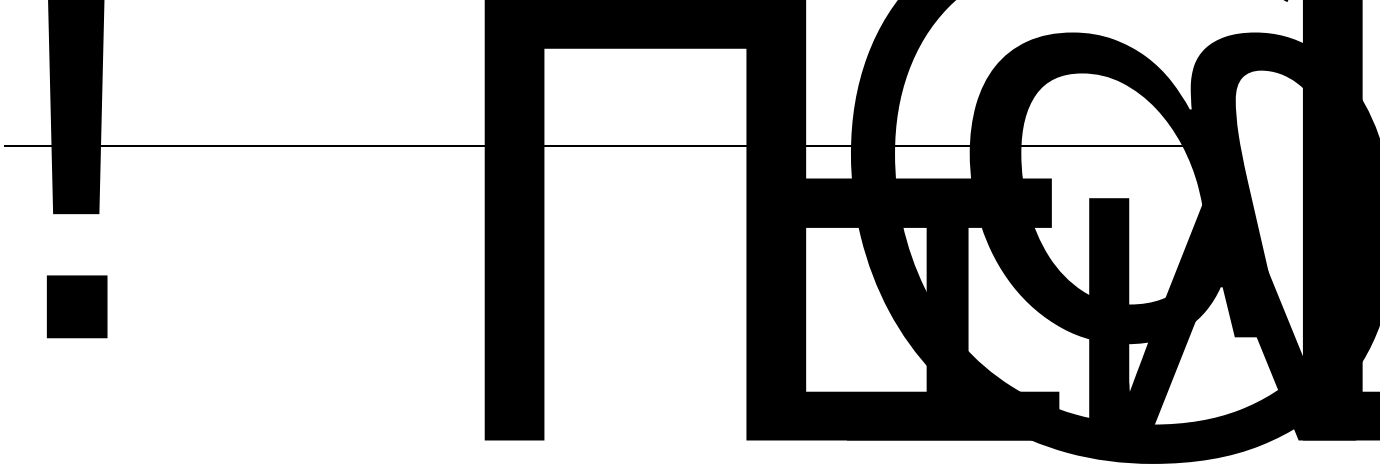




2015

1674

≤ 60

2022

8

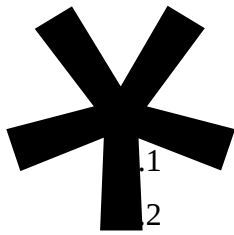
2023

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1674

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- 1.1
- 1.2
- 1.3
- 1.4
- 2.

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.....	1
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[illegible]

1.2.2.

1	GB50156-2021	
2	GB 6944-2025	
3	GB 12268-2025	
4	GB 18218-2018	
5	GB 17914-2013	
6	GB 55036-2022)	
7	GB 50058-2014	
8	AQ 3009-2007	
9	GB 6441-1986	
10	GB/T 13861-2022	
11	GB 50016-2014 2018	
12	GB 50140-2005	
13	GB 55037-2022	
14	GB 50057-2010	
15	GB 12158-2024	
16	GB/T 50610-2010	
17	GB20952-2020	
18	GB 50395-2007	
19	GB/T 29639-2020	
20	(GB/T12801-2025)	
21	(GB 5083-2023)	
22	YJ/T 9007-2019	
23	(AQ 3010-2022)	
24	AQ 3018-2008	
25	GB30871-2022	
26	XF/T 3004-2020	
27	-	SH/T

3178-2015

- 28 GB/T 13869-2017
- 29 AQ 8001-2007

1.2.3.

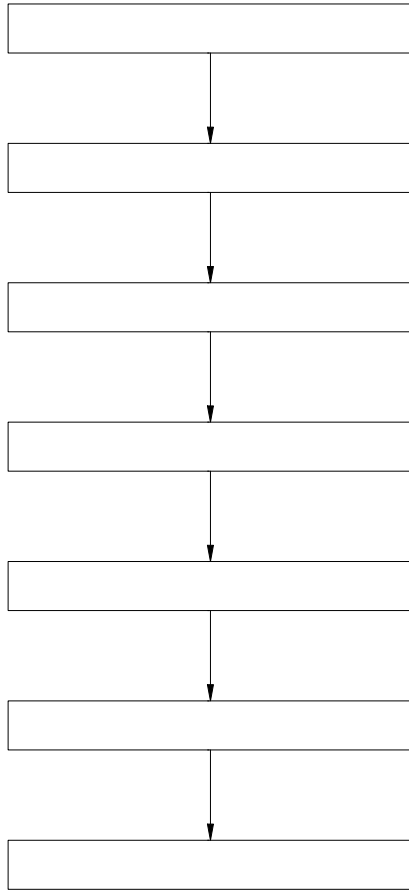
- 1 2005 4
- 2 2002
- 11
- 3 2003 7

1.3

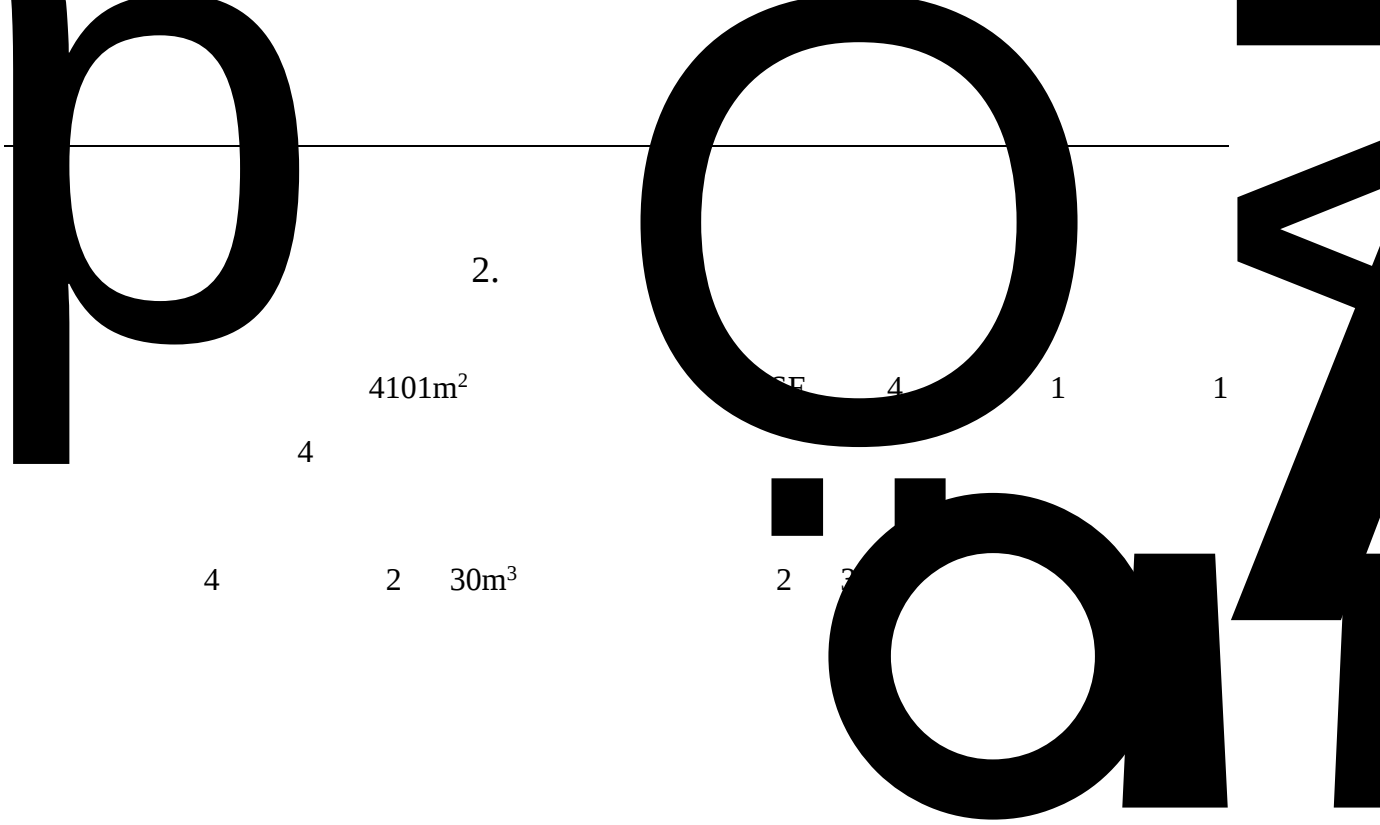
- 1
- 2
- 3
- 4
- 5

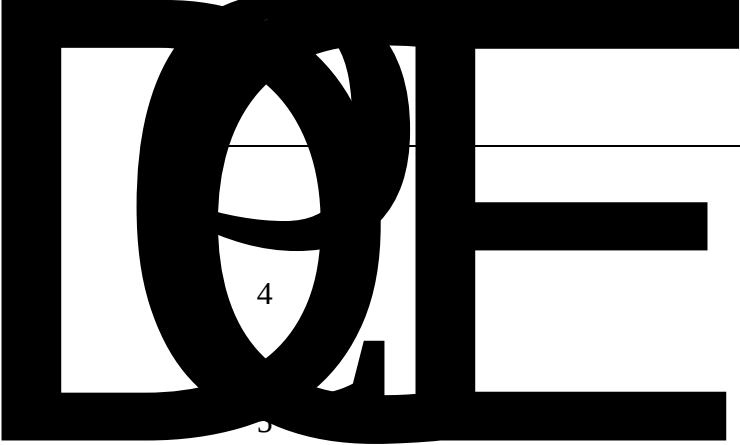
1.4

1-1



1.4-1





4

101.6Kpa

658mm

9

4.6m/s

25.7m/s

6

23.4d

7

15.0cm



8

1.17m

8

0.20g

2.3

16.8m

23.5m

1

25.6m

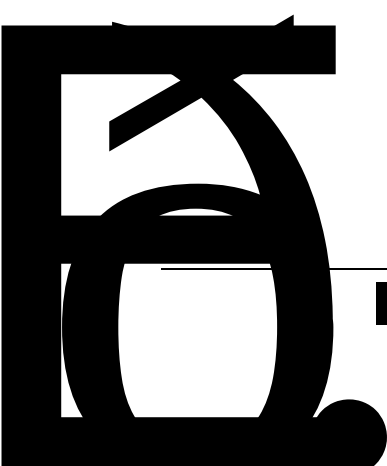
12m

0.2m

1.2m

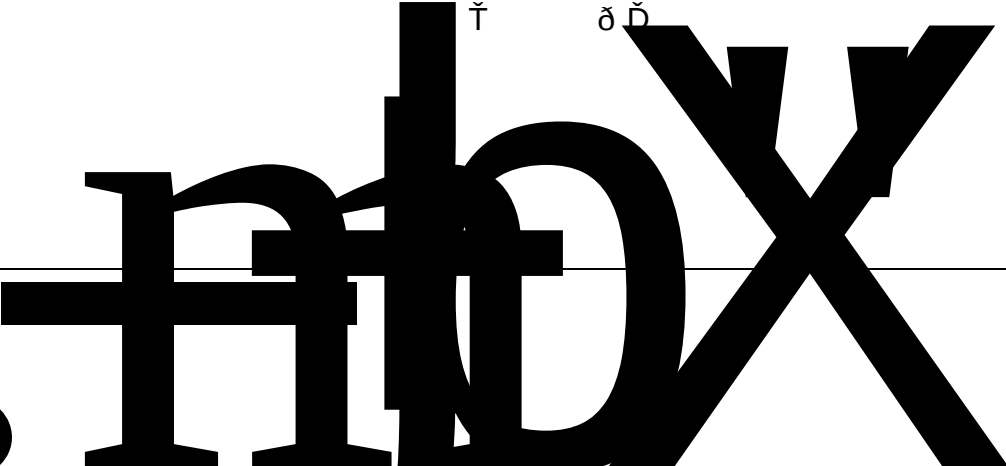
0.6m

5.5m



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			-	5	17.2
			-	-	-
	202			3	52.4
				6	63
				9	69
			-	-	-
			-	5	24
			-	-	-
	202			3	16.7

2-2														m	
	0.5	0.6	0.5	0.6	-	-	-	-	-	-	-	-	-	-	-
	0.5	0.6	0.5	0.6	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	3	8.4	
	-	-	-	-	-	-	-	-	-	-	-	-	2	8.4	
	4	22.9	3	16.8	4	21	3.5	20.8	5	25.3	4	36.6	5	19.7	
	7	30	6	25	7	29.2	6	29	7	36	6	41	-	-	
	7	25.5	6	31.5	7	30	6	30.3	7	23.5	6	33	-	-	
	10.5	29	9	25.6	10.5	26.3	9	26	10.5	48	9	56	-	-	
	2	17.9	2	17.9	2	17..2	2	17.2	-	-	-	-	-	-	

2.4

2.4-1

2.4-1

1			180m ²			
2			340m ²			H=5.5m
3			24m ²			-
4			48m ²			-

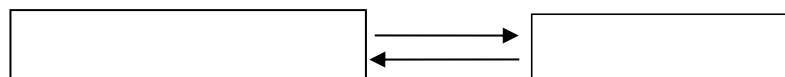
№	..	2.4-2			
5	5	2.4-2	0		ω „
		8			
1	2	30m ³	-		SF
2	2	30m ³	-		SF
3					

80

2.6

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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912103817683063731

2024 12 12

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2023 4 14

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2026 4 10

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4m 1

10

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90%

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3.1.1

GB18218-2018

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3.1.2

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$$S=q_1/Q_1+q_2/Q_2+.....+q_n/Q_n\geq 1$$

S——

q₁ q₂... q_n——

t

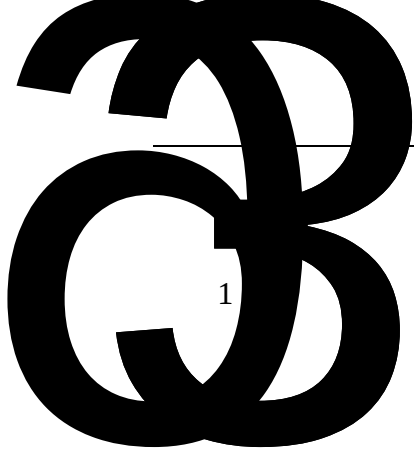


3.1.3

3.1-1

3.1-1

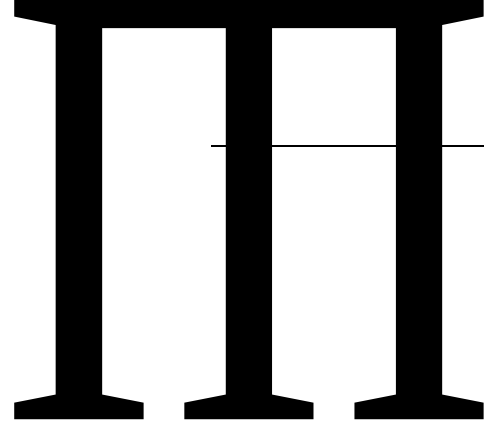




30

50 -35 -50 5 0 -10 45 60 -20

3.3- - $\hat{U} \phi$.



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3.3.5

3.3.6

3.3.7

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4.1

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4.2

5.

8

5-1

5-1

8
9
10

			4.0.4	
	4	GB50156-2021 4.0.12		
	5	GB50156-2021 4.0.13		
	1	GB50156-2021 5.0.1		
	2 6m 4m 8%	GB50156-2021 5.0.2	12m 8%	
	3	GB50156-2021 5.0.3		
	4 ” “ “ ” “ ”	GB50156-2021 5.0.5	“ ” “ ”	
	5 3m	GB50156-2021 5.0.6		

	1.2m ³			
	100mm 1.2m			
	6	GB50156-2021 (5.0.7		
	7	GB50156-2021 5.0.8		
	8 300m ²	GB50156-2021 5.0.9		
	9 4.0.4 “ ” “ ”	GB50156-2021 5.0.10	4.0.4	
	10	GB50156-2021 5.0.11		
	11 2.2m 4.0.4 1.5 25m	GB50156-2021 5.0.12		

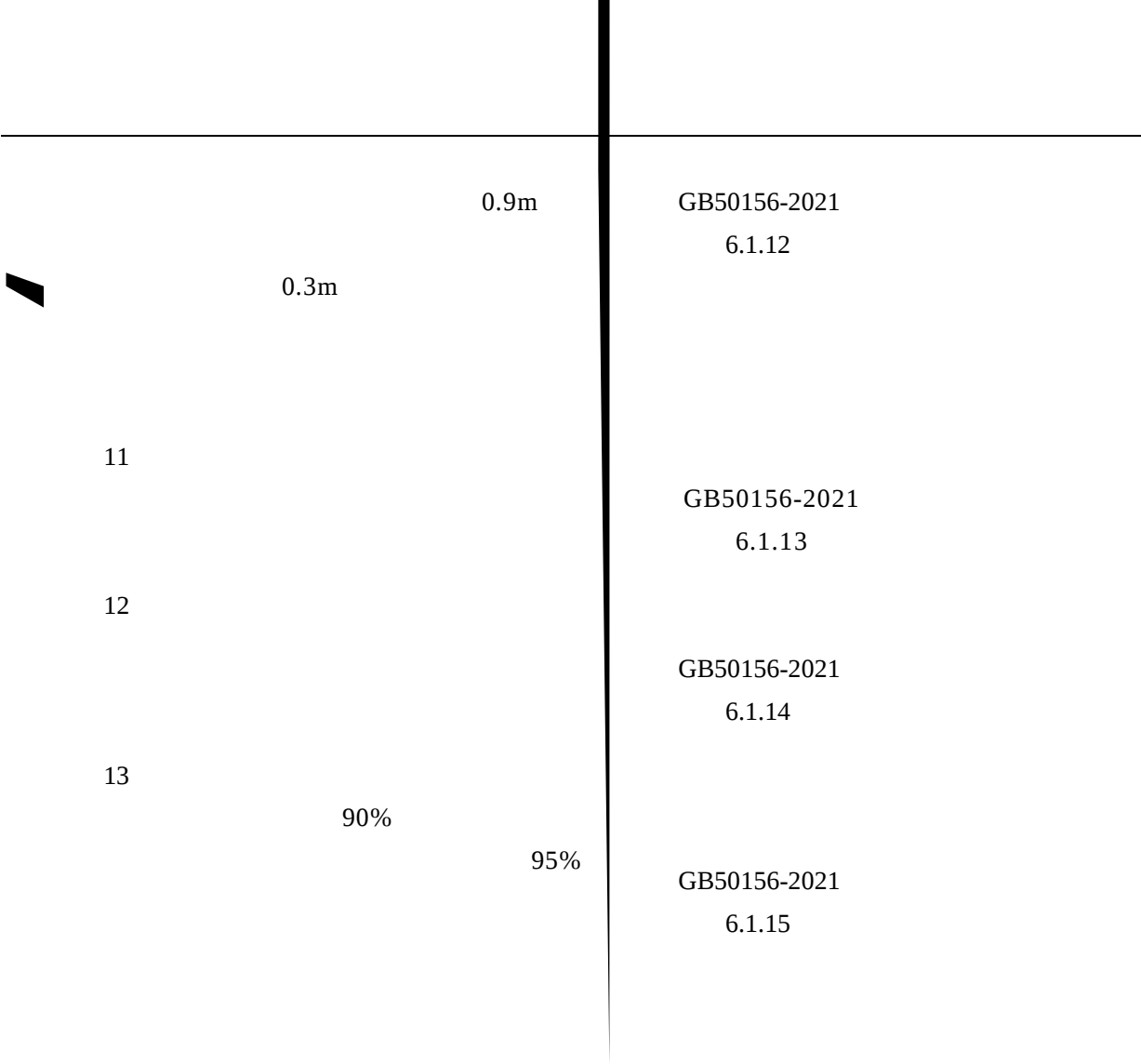
	4.0.4			
	12 GB50156 5.0.13-1	GB50156-2021 5.0.13		
	13 C	GB50156-2021 5.0.16	，	



2
C 2010-5051



	5	$10^9\Omega$ $10^9\Omega$ $A=0.04V_t$	GB50156-2021 6.1.7	SF	
	6.	11.2	GB50156-2021 6.1.8	SF	
	7		GB50156-2021 6.1.9	SF	
	8	$4mm$ $80mm$	GB50156-2021 6.1.10	SF	
	9		GB50156-2021 6.1.11		
	10	0.5m			



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			6.2.3
4		GB50156-2021	6.2.4
5		GB50156-2021	6.2.5
1		GB50156-2021	6.3.1
2		GB50156-2021	6.3.2
3		GB50156-2021	6.3.3
4			
	100mm	GB50156-2021	6.3.4

5

GB 50156-2021
6.3.5

6

GB50156-2021
6.3.6

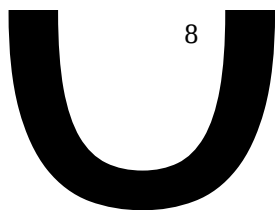
7

50mm

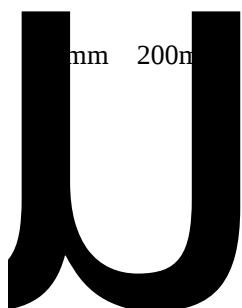
GB50156-2021
6.3.7

1.0 1.2

25mm



50mm 100mm
45° T



	4mm $10^{10}\Omega$ $10^8\Omega\cdot m$ 100kV		$10^8\Omega\cdot m$ $10^{10}\Omega$	
	13	GB50156-2021 6.3.13		
	14	GB50156-2021 6.3.14		
	15 2‰ 1%	GB50156-2021 6.3.15	2‰ 1%	
	16 0.4m 0.2m 100mm	GB50156-2021 6.3.17	0.5m 0.2m 0.5m	

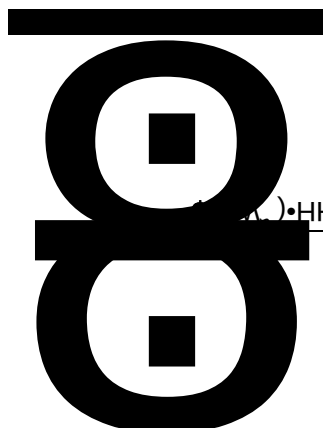
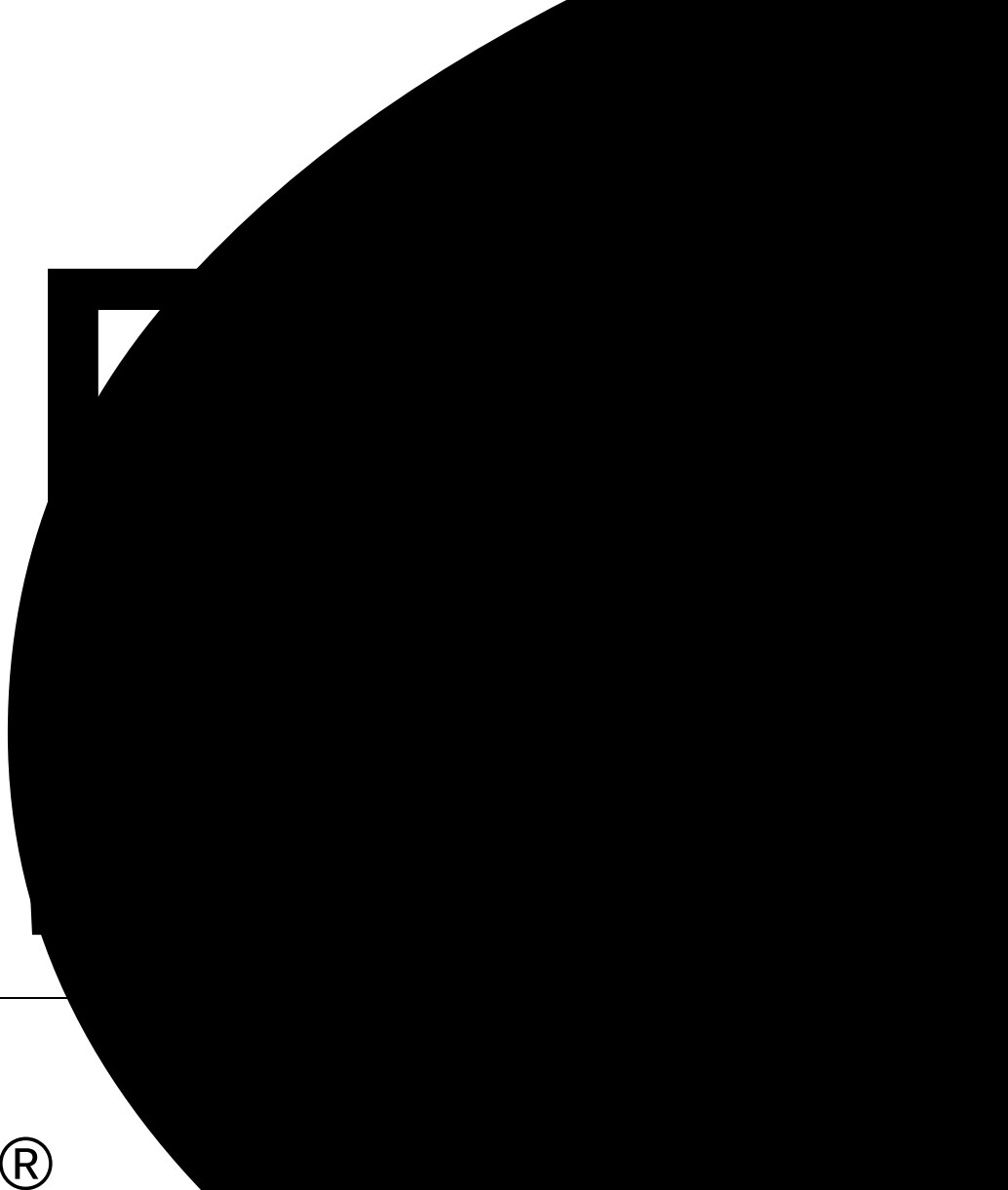
	100mm	4mm	6.5.3		
		200mm			
		10mm 30mm			
	23		GB 50156-2021 6.5.4		
	24	6.3			
	5mm		GB50156-2021 6.5.5		
		5%			
	25	3.5mm	GB50156-2021 6.5.6	3.5mm	

5-5

1
2
1 5kg
6L 2 2
1 35kg
15m 1
5

	1	AQ3010-2022 4.4		
	2	AQ3010-2022 4.4		
	3 “ ” ,	XF/T 3004-2020 8.1		
	4 “ ” “ ”	XF/T 3004-2020 8.4		

	4	4.5m 4.5m 3m	5m	GB50156-2021 13.1.4		
	5			GB50156-2021 13.1.5		
	6	LPG LNG CNG		GB50156-2021 13.1.6		
	7	GB50058		GB50156-2021 13.1.7		
	8	IP44		GB50156-2021 13.1.8	IP44	
	1	2		GB50156-2021 13.2.1	2	
	2		4Ω	GB50156-2021 13.2.2		
	3	LPG		GB50156-2021 13.2.4		
	4					



	5	GB50156-2021 13.2.12		
	11	GB50156-2021 13.2.13		
	12	GB50156-2021 13.2.14		
	13 100Ω	GB50156-2021 13.2.15		
	14 1	GB50156-2021 13.2.16	1	
	1	5.0.1		
	2	5.0.5		
	3	5.0.8		

GB50156-2021

12

14.1.4

5

300cm²/m²

2

3

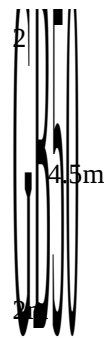
GB50156-2021

14.1.5

1

GB50156-2021

14.2.1



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	5	5	0	0
	31	31	0	0
	22	19	0	3
	45	39	0	6
	8	8	0	0
	28	26	0	2
	16	11	0	5
	20	11	0	9
	175	150	0	25

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6.

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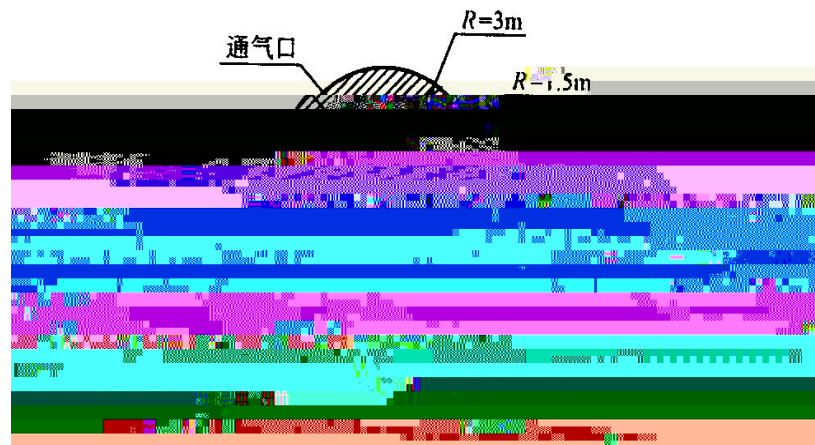
5

"

3
1.5m

3m

2



2

5.

3

1

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2

1.5m 0.75m

0.5m

1

3

1.5m

1m

3m 2m

1.5m

2

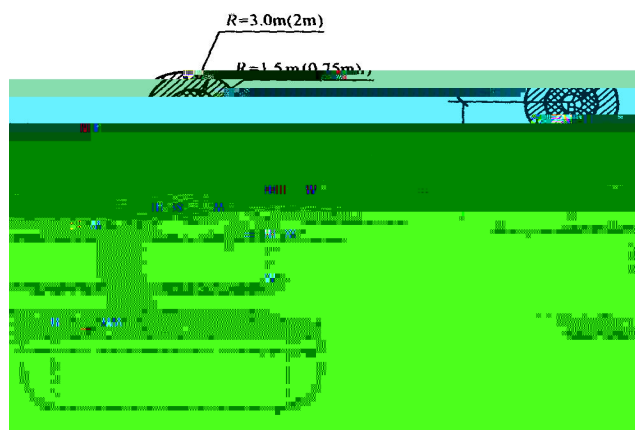
4

1

1m

1.5m

2



3

-
- 1
 - 2
 - 3
 - 4
 - 5
 - 6
 - 7
 - 8
 - 9
 - 10
 - 11