
2015		1674			≤ 60
2022	8	2023	1	1	1674

2023 3 21
3

1.	.....	1
1.1	.....	1
1.2	.....	1
1.3	.....	1
1.4	.....	5
2.	.....	7
2.1	.....	7
2.2	.....	7
2.3	.....	8
2.4	.....	15
2.5	.....	15
2.6	.....	16
2.7	.....	17
3.	.....	20
3.1	.....	20
3.2	.....	21
3.3	.....	26
4.	.....	31
4.1	.....	31
4.2	.....	31
5.	.....	32
6.	.....	59
7.	.....	62
	.....	62
	.....	62

OST

1.2

1.2.1.

∞

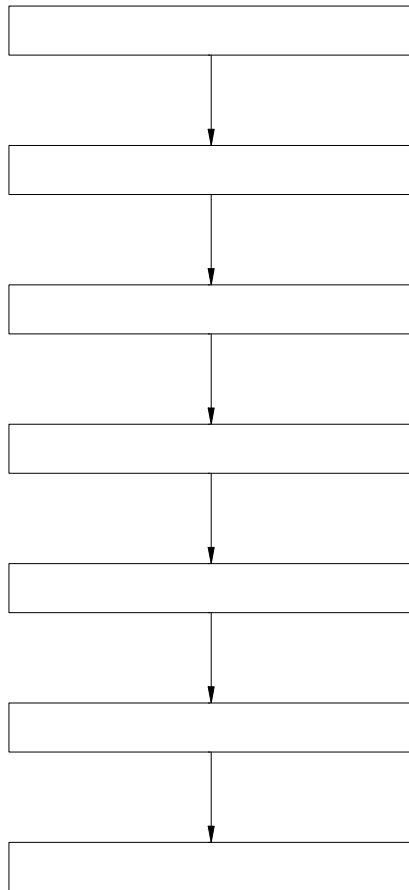
1



2021

[illegible]

[illegible]



1 1

2.

	2327m ²	SF	4	1	1
4	1				
4	2	30m ³	2	30m ³	
	GB50156-2021			3.0.9	
	90m ³				

2.1

	24.4m	1	6
2	6	20m	24m
	H=5m		
23.2m	28.6m		H=6m
20m	14m	2-1	



2-1

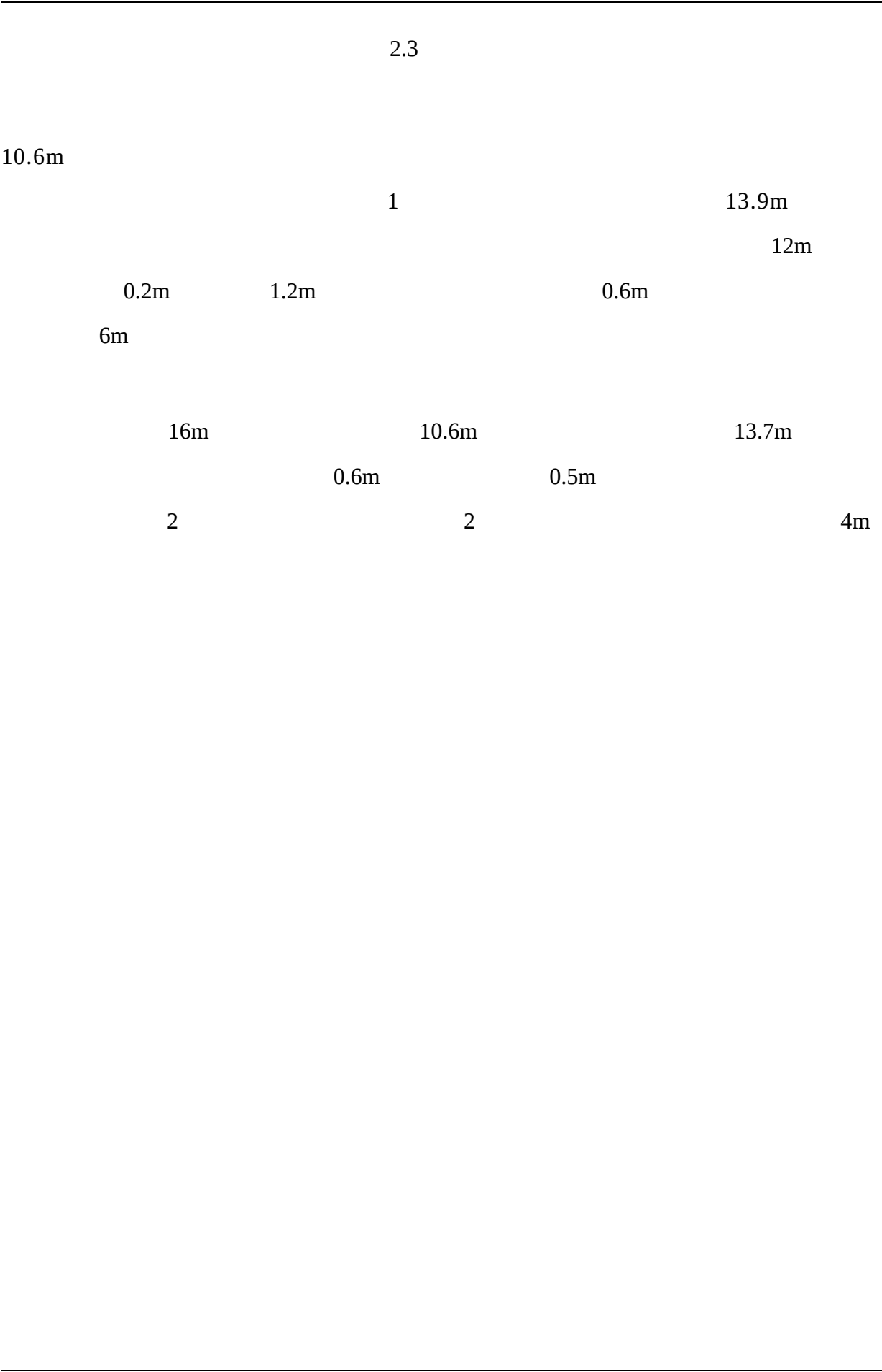
2.2 ∞

1

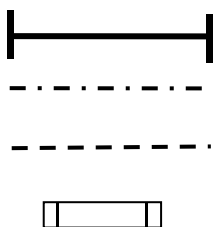
8.3

35.2

-



2-2



2-1			∞	m	
				5.5	47
	1			8.5	20
	2			8.5	24
				7	26
	H=5m			5	45.9
				5	47
	H=6m		-	5	44.3
				5	60.9
	1			8.5	20
	2			8.5	21
				7	25.7
	H=5m			5	50.6
				5	51
	H=6m		-	5	51.8
				5	30.8
	1			8.5	40
	2			8.5	45.1
				7	23.2
	H=5m			5	28.6

2-2

m

2.4

2-3

2-3

∞

1			90m ²			
2			268m ²			H=6m
3			20m ²			

2-4

2-4

1		2	30m ³	-	SF
2		2	30m ³	-	SF
3		2	CS30J2123G		
4		2	CS30J2123G		
5		4	TLS2		
6		1	UZK-SA-LD		-
7		12		-	4 6 4m 2 4m

2.5

3

1

2.6

1.0

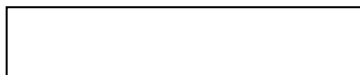
1.2

2-2

2-3

2-4

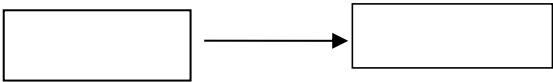
2-5



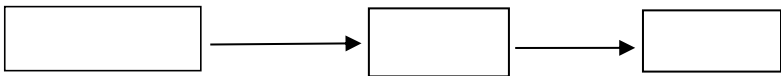
2-2



2-3



2-4



2-5

2.7

2.7.1

1

91210322774634728D

2022 12 12

2

[2023]100037

2023 3 21

3

LNFYJC/B/TY2025003456

2026 4 5

4

2.7.2

1

2

a. 5

b.

c.

3

4

380/220V TN-S

UPS

5

5

6

11 8kg 1

8kg

4

5kg

CO₂

6

8kg

2

35kg

2

3m³

7

12

4

6

4m 2

4m

3. ∞

3.1

3.1.1

GB18218-2018

1

2

3.1.2

1

2

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

S——

$q_1 \quad q_2 \dots q_n$ ——



3

3.1.5

– ñ ° ñ' 2Q0 [Ô

t

23 ≤

60

3-1

O

15min

50m

300m

1674

-18

=1

0.87

0.9

282-338

0.6%~7.2%

2.20

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

3.2.2 ∞

3.3 ∞

3

4



3

3.3.3

3.3.4

3.3.6

3.3.7

4.

4.1

8

1

2

3

4

5

6

7

8

4.2

5. ∞

8

5-1

∞

8
9
10
11

12
13
14
15
16
17
18

1
2
3

1

1

2 ð Ç

1 N*6

5-3

	1	GB50156-2021 3.0.4		
	2 GB50156 3.0.9	GB50156-2021 3.0.9	30m ³	
	3	GB50156-2021 3.0.25		
	4	GB50156-2021 3.0.27	12	
	1	GB50156-2021 4.0.1		
	2	GB50156-2021 4.0.2		
	3 4.0.4	GB50156-2021		

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

1.2m^3

13	C GB50156-2021 5.0.16
----	-----------------------

e
 CB2010-551 B 102ii E 4

5

$10^9\Omega$
 $10^9\Omega$
 $10^9\Omega$
SF
GB50156-2021
6.1.7
 $A=0.04V_t$

6.

11.2
GB50156-2021
6.1.8
SF

7

GB50156-2021
6.1.9

8

4mm
80mm
SF
GB50156-2021
6.1.10

11

GB50156-2021
6.1.13

12

GB50156-2021
6.1.14

13

90%

95%

GB50156-2021
6.1.15

14

GB50156-2021
6.1.16

0.8L/h

15

SH 3022

GB50156-2021
6.1.17

SF

56-2021

1

	5	GB50156-2021 6.3.5		
	6	GB50156-2021 6.3.6		
	7			
	50mm		50mm	
	1.0 1.2	GB50156-2021 6.3.7		
	25mm			
			25mm	

8

100mm

50mm

45

4mm

4mm

0.5m



18

GB50156-2021
6.3.18

6.3.12

1
2

2.8m/s

GB50156-2021
6.3.19

19

GB/T21447

GB50156-2021
6.3.20



100mm

4mm

200mm

20

GB50156-2021

6.5.3

10mm 30mm

2

GB50156-2021

12.3.3

1

AQ3010-2022

4.4

2

AQ3010-2022

4.4

3

“ ” ’

XF/T 3004-2020

8.1

3		90min		GB50156-2021 13.1.3	90min
4					
		4.5m 4.5m	5m	GB50156-2021 13.1.4	
3m					
5				GB50156-2021 13.1.5	
6					
	LPG	LNG	CNG	GB50156-2021 13.1.6	
7					
		GB50058		GB50156-2021 13.1.7	
8					IP44
		IP44		GB50156-2021 13.1.8	
1					
	2			GB50156-2021 13.2.1	2
2					

2

5.0.5

3

5-7 ∞ ∞

1

140kw

2m

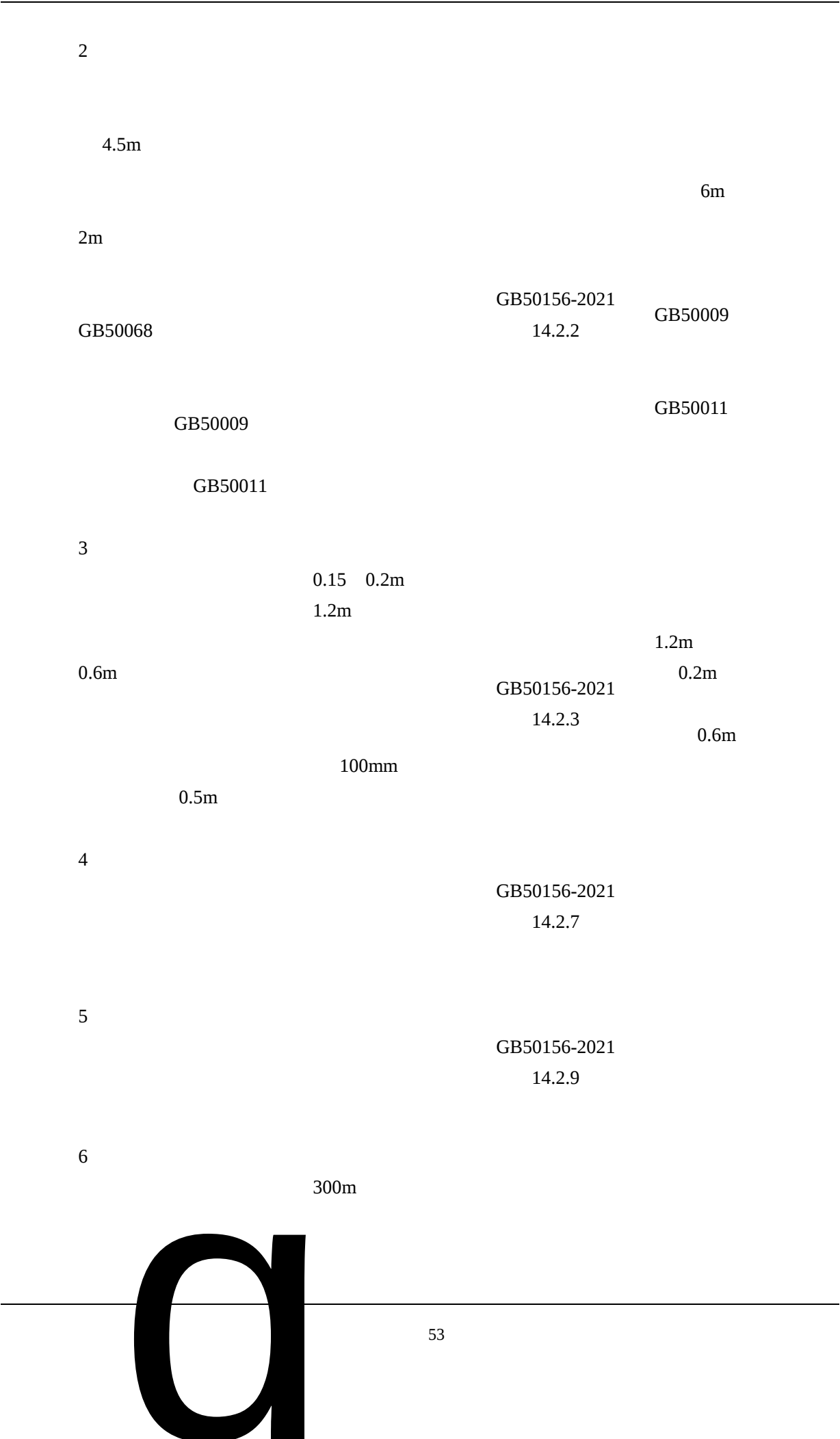
GB50156-2021
14.1.3

2

12 5 GB50156-2021
14.1.4

300cm²/m² 2

3



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

5-8

“ ”

	8	8	0	0
	28	27	0	1
	16	9	0	7
	20	11	0	9
	175	146	0	29

5-9

175

29

146

1

1		8kg	5kg 4	8
2		35kg	1	2
			2m ³	3m ³
			5	11
3		8kg	-	4
		5kg CO ₂	-	6
4		8kg	-	2

6.

1

2

3

“

”

“

”

“

”

4

5

6

“

”

“

”

”

1.

GB50058-2014

1 0

2 1

3 2

2.

1

3.

1

1

1

2

4.5m

0.15m

3m

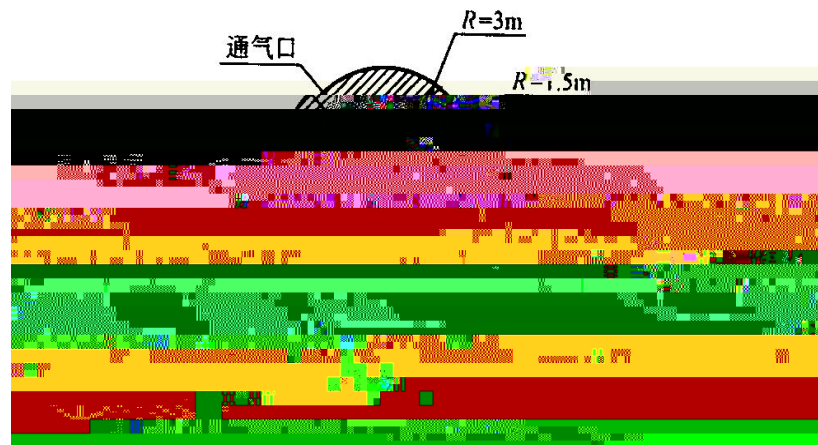
2

3

3m

1.5m

2



2

5.

3

1

0

2

1.5m 0.75m

0.5m

1

3

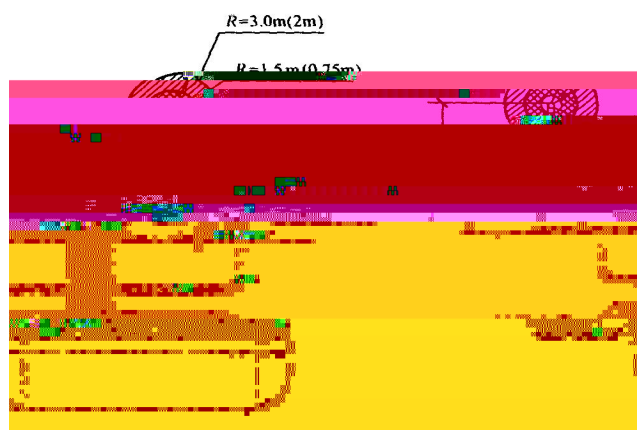
1.5m

1m

3m 2m

1.5m

2



3
