46

ئۆ ≤60 Ζ 1674γ صم 2015

1674 1 1 2023 8 2022

5 7 2022

3

1. 1

1.1 1

1.2 1

1.3 5

1.4 5

2. 7

2.1 7

2.2 8

2.3 9

2.4 15

2.5 15

2.6 16

2.7 18

3. 21

3.1 21

3.2 22

3.3 27

4. 33

4.1 33

4.2 33

5. 34

6. 61

7. 64

..... 65

..... 67

1.

1.1

1.2

1.2.1.

1 2021 9 1

2 2024 11 1

3 591 2013 12 7
645

4 708 2019 4 1

5 2025
14 34

6 1
2019 1 1

7 3 2015
5 29 80 2015 7 1

8 16

2008 2 1

9 44 2015 5

29 80 2015 7 1

10 55

2015 3 23 79 2015 7 1

11 2 2019 9 1

12 2025 5

2025 1 27

13

2020 3 2020 4 1

14 < >

2021 12 2021 12 31

2022 6 2022 4 2

15 “ ”

2025 4 2025 2 10

16

2016 8 2016 2 5

17 2015

2015 5 2015 5 1

18 2015

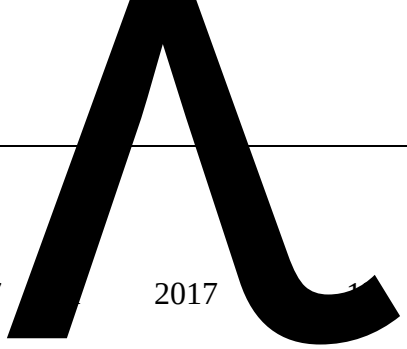
2015 80 2015 8 19

19

2011 95 2011 7 1

20

2011 142



2017 2017 1

22

2019 78

23

2019 62 2019 12 26

24

2015

2020 1 2020 5 30

25

341 2021

5 18

26

2017 45 2017 12 23

27

2012 144 2012 8 30

28

2017 22 2017 11 28 21

29

1.2.2

1 GB69

3 GB 12268-2012

4 GB 18218-2018

5 GB 17914 2013

6 GB 50058-2014

7 AQ 3009-2007

8 GB/T 6441-1986

9 GB/T 19669-2022

10 GB 50140-2005

11 GB 50057-2010

12 GB 12158-2006

13 - SH/T 3178-2015

14 GB/T 50610-2010

15 GB 50395-2007

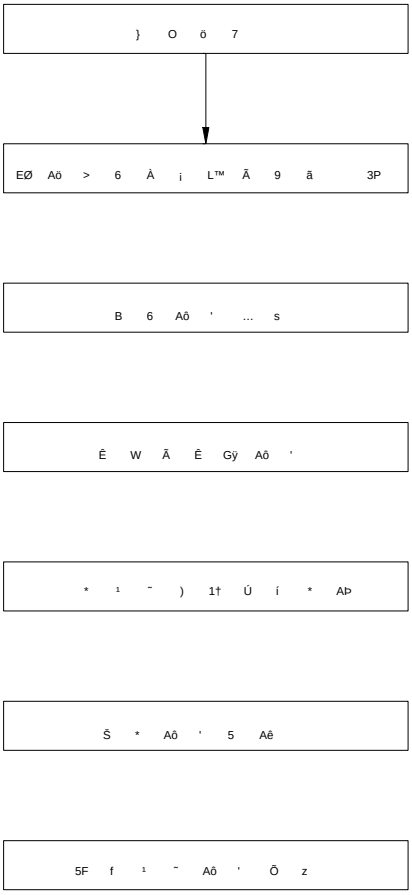
16 GB/T 29639-2020

17 YJ/T 9007-2019

18 3010-2022)

19 GB30871-2022

1.2.3.



1.4-1

2.3

2

10.7m

1 2

7m

1

27m

1

15m

4

8m 0.2m 1.2m 0.6m

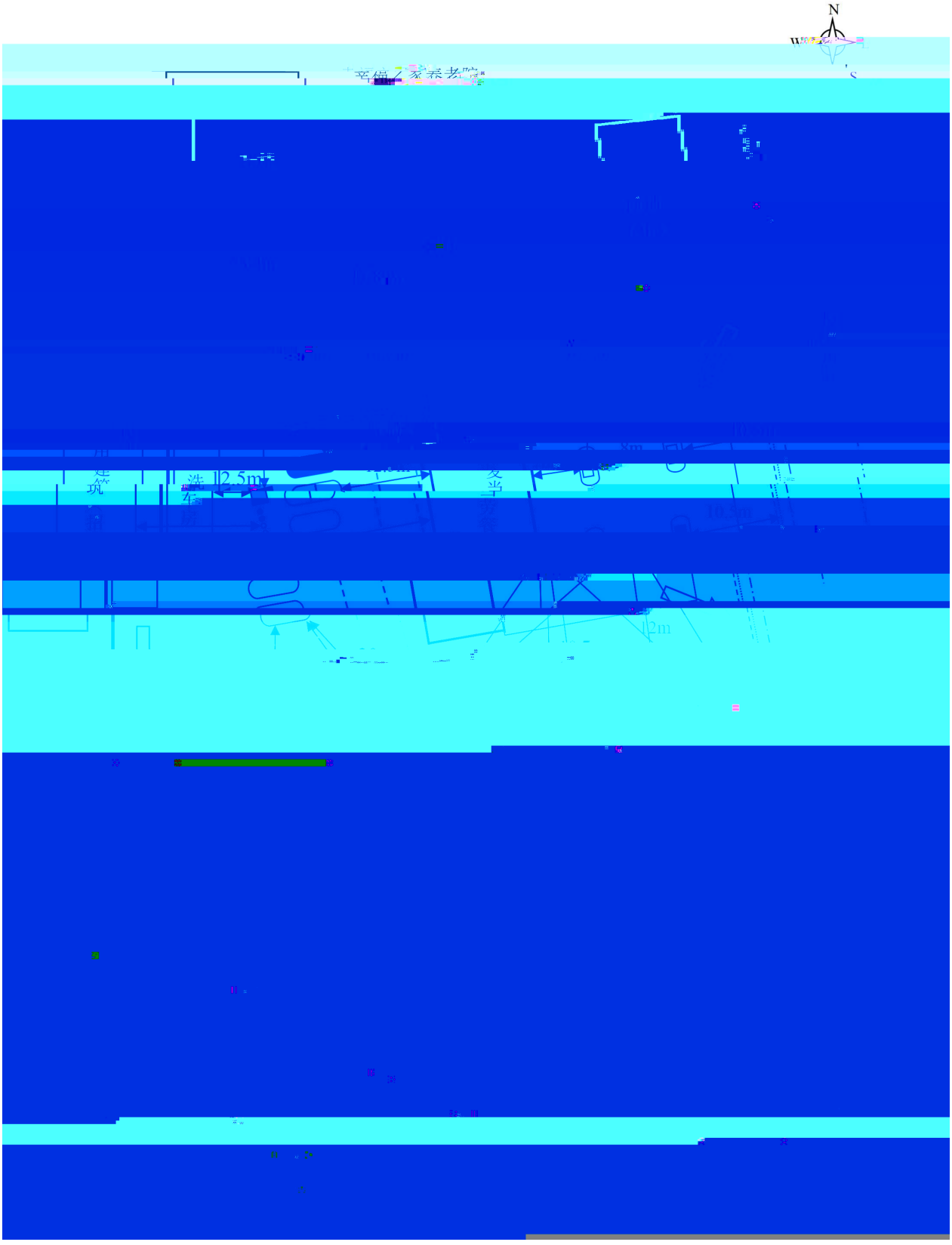
7m

12.5m

18.5m 18.5m 5 50mm 4m

2.3-1

2.3-1 2.3-2



2.3-1

Ь Ӊ ˮ ´

		11	33
		10.5	58
H=8m	-	5	57.5

2.3-2 m

	0.5	0.5	0.5	0.5	-	-	-	-	-	-	-	-	-	-	-	-	2	18
	0.5	0.5	0.5	0.5	-	-	-	-	-	-	-	-	-	-	-	-	2	14.5
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	2	22.5
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3.5	2	22.5
	4	34	3	39	4	40.5	3.5	41	5	10.7	5	12	5	43	5	36.5	-	-
	8.5	15	6	15	7	13	6	13	7	49	7	58	7	9	-	-	-	-
	8.5	12.5	6	12.5	7	18.5	6	18.5	7	7	7	16	7	18.5	-	-	-	-
GB 50156-2021 5.0.13																		

2.4

2.4-1

2.4-1

1		2	150m^2			-
2			630m^2			H=7m
3			80m^2	-	-	H=3m
4		2	500m^2			-

2.4-2

2.4-2

1 4 30m

2.5

9 1

2.6

Æ ‘Н

10min 2min

2.7

2.7.1

1

91210147976657 97R

2023 7 19

2

2022 000137

2022 7 5 2025 7 4

3

(1062024001)[2025]0019

2025 3 17 2025 9 16

4

2.7.2

1

2

1 5

2

3

3

4

380/220V TN-S

UPS 2h

5

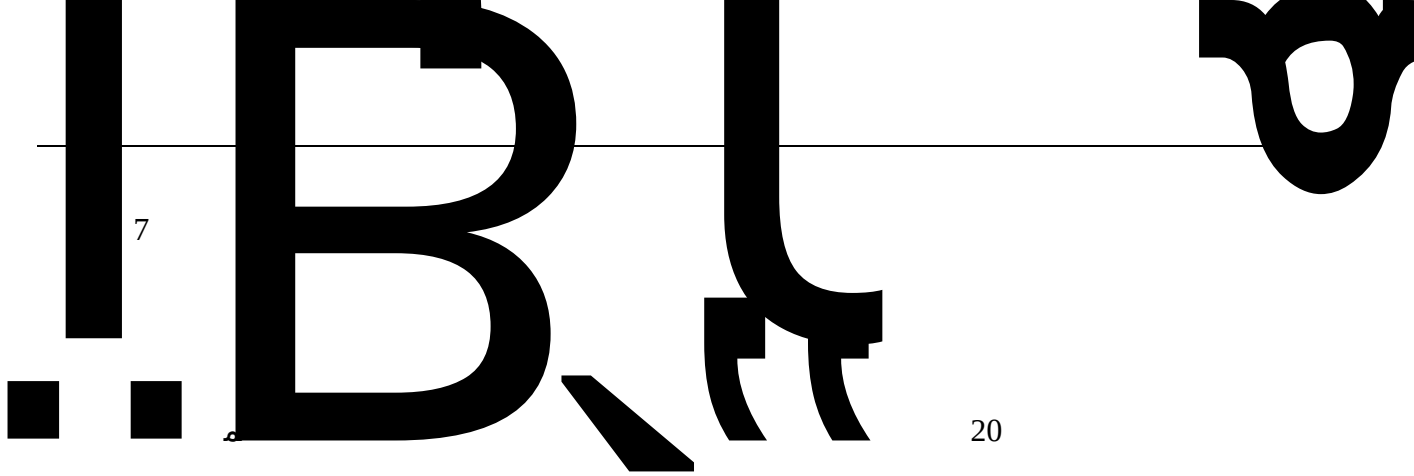
5

6

6 2m^3 3kg 11 2kg

2 5kg 1 3kg 2

3kg 8 35kg 2 3kg 2



7

20

12 6 4m 2 3m

90%

3.

3.1

3.1.1

GB18218-2018

1

2

3.1.2

1

2

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

S——

q_1 q_2… q_n—— t

4 -46 1.4 7.6% 415~530

0.813MPa

，

，

PC-TWA 300mg/m^3

1

2

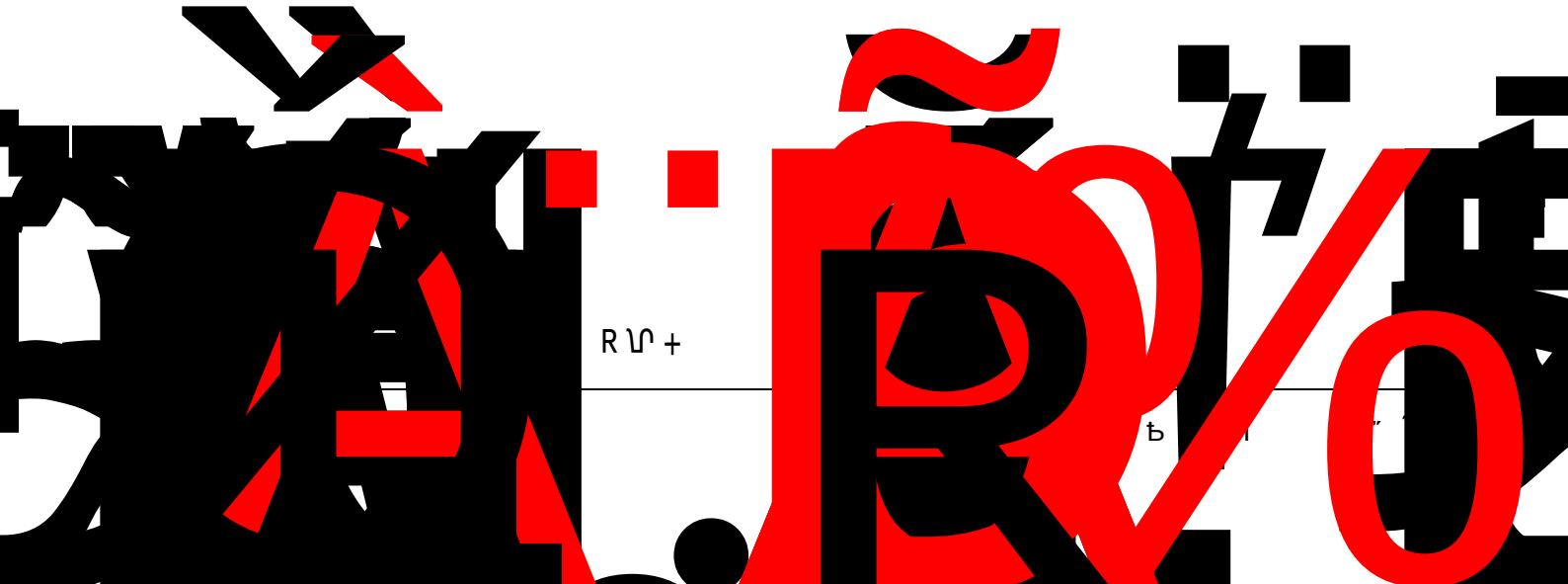
3

4

1.5

5

1



15min

50m

300m

1674

-18 =1 0.87 0.9

282-338

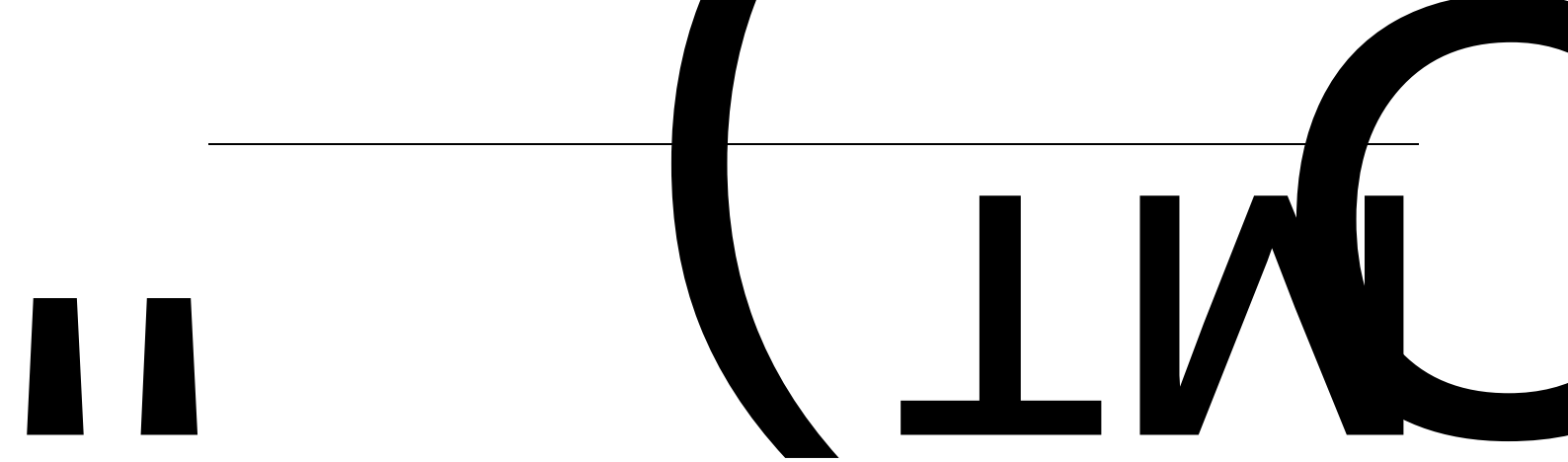
0.6%~7.2%

5 0 -10 60 -20

50 -35 -50 45

15min

10



3.2.2

K¯"• >‡ Ð "é 1

1

Ä2

1986 5 2

5

3.3.2

1

2

3

3.3.3

3.3.4

3.3.5

3.3.6

3.3.7

2m 2m

3.3.8

1

2

4.

4.1

8

1

2

3

4

5

6

7

8 20

4.2

5.

8

5-1

5-1

	1		
	2		
	3		
	4		
	5		

5-2

	1		
	2		
	3		
	4		
	5		
	1		
	2		
	3		
	4		
	5		
	6		

7
8
9
10
11

12
13
14
15
16
17
18
1
2
3
1

1

5-3

	5	GB50156-2021 4.0.13		
	1	GB50156-2021 5.0.1		
	2 4m 6m 8%	GB50156-2021 5.0.2	8m 8%	
	3	GB50156-2021 5.0.3		
	4 “ ” “ ”	GB50156-2021 5.0.5	“ ” “ ”	
	5 3m 1.2m³ 100mm 1.2m	GB50156-2021 5.0.6		
	6	GB50156-2021 5.0.7		

	7	GB50156-2021 5.0.8	1	
	8 $300m^2$	GB50156-2021 5.0.9		
	9 4.0.4 “ ” “ ”	GB50156-2021 5.0.10	1 1	
	10	GB50156-2021 5.0.11		
	11 2.2m 4.0.4 1.5 25m 4.0.4	GB50156-2021 5.0.12		
	12 GB50156 5.0.13-1	GB50156-2021 5.0.13	2.3-1 2.3-2	

	13 5.0.13-1 5.0.11 A	GB50156-2021 5.0.15		
	14 C	GB50156-2021 5.0.16		

2

Ọ

5-4

1

GB 50156-2021
6.1.1

2

GB 50156-2021
6.1.2

3

GB 50156-2021
6.1.3

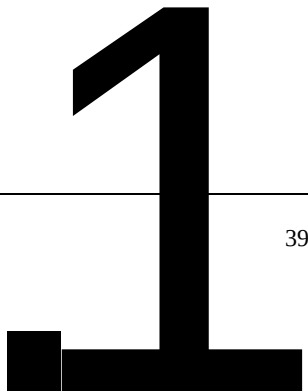
4

1

AQ3020

6.1.4

]



	- SH/T 3178	GB 50156-2021 6.1.5		
	6 GB/T 51344	GB 50156-2021 6.1.6		
	7 $10^9\Omega$ $10^9\Omega$ 6.1.7 $A=0.04V_t$ 6.1.7 A—— m^2 Vt—— m^3	GB 50156-2021 6.1.7		
	8 11.2	GB 50156-2021 6.1.8		
	9	GB 50156-2021 6.1.9		
	10 80mm 4mm	GB 50156-2021 6.1.10		

		GB 50156-2021 6.2.1		
	2 50L/min	GB 50156-2021 6.2.2	5-50L/min	
	3	GB 50156-2021 6.2.3		
	4	GB 50156-2021 6.2.4		
	5	GB 50156-2021 6.2.5		
	6 “ ”	GB 50156-2021 6.6.1	“ ”	
	7	GB 50156-2021 6.6.2		
	8 6.2 1 2 3 4 5	GB 50156-2021 6.6.4		
	9	GB 50156-2021		

6.6.5

10

1

2

3

200mm

9

4m

2m GB 50156-2021 6.3.9 4m

5-5

1

GB50140

GB/T50493

4

“

XF/T

”

3004-2020 8.1

5

“ ” “ ” “

”

	5	GB50156-2021 13.2.7		
	6	GB50156-2021 13.2.8		
	7 380/220V TN-S 380V TN-C-S	GB50156-2021 13.2.9		
	8 30Ω	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 100Ω	GB50156-2021 13.2.15		
	14 1	GB50156-2021 13.2.16	1	
	1	6.1.2.1		
	2	6.1.2.2.1		
	3	6.1.2.2.2		
	1	6.1.1.1		
	2 UPS 2h	6.1.1.2	UPS 2h	
	3 GB 50348 2018 3.9	6.1.1.3		
	1	GB50156-2021 13.5.1		

	3	GB50156-2021 14.1.5		
	1	GB50156-2021 14.2.1		
	2 4.5m 2m GB50068 GB50009 GB/T50011	GB50156-2021 14.2.2	7m GB50009 GB/T50011	
	3 0.15 0.2m 1.2m 0.6m 100mm 0.5m	GB50156-2021 14.2.3	1.2m 0.2m 0.6m	

	11 5.0.13 25m 3.0h	GB50156-2021 14.2.14		
	12	GB50156-2021 14.2.15		
	13	GB50156-2021 14.2.16		
	1	GB50156-2021 14.3.1		

20

5-8 20

3

4

16

17

18

5-9

	5	5	0	0
	33	33	0	0
	23	21	0	2
	51	46	0	5
	8	7	0	1
	31	30	0	1
	17	10	0	7
20	20	13	0	7
	188	165	0	23

5-9

188 23 165

1

سي كج

6.

1

2

3

“ ” “

” “ ”

4

5

6 “ ” “
”

7

8

9

10

“ ”

11
[2018]74

12

13 GB50156-2021 12.1.1 2

2 5kg 1 5kg 1
6L 2 2 2
3kg 3kg

14

7.

GB50156-2021

1.

GB50058-2014

1 0

2 1

3 2

2. N 1

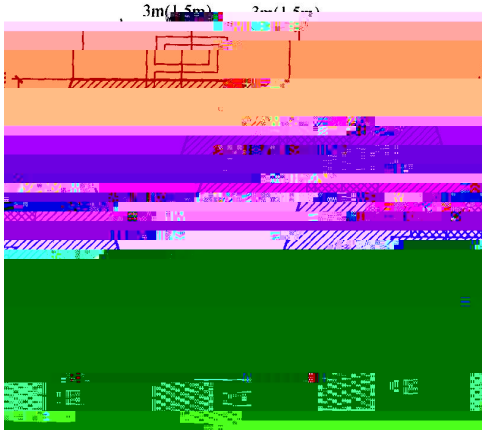
3. 1

1 N 1

2 4.5m

0.15m 3m 2

N



1

4. 2

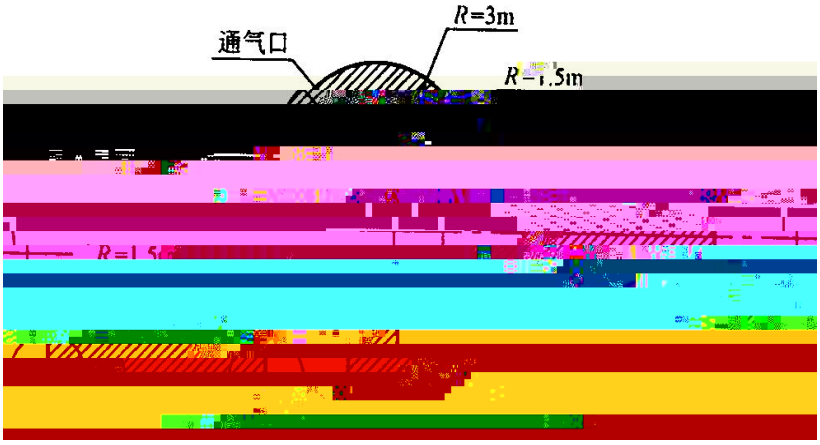
1 N 0

2 1.5m 0.5m

1

3 3m

1.5m 2



2

5. 3

1 0

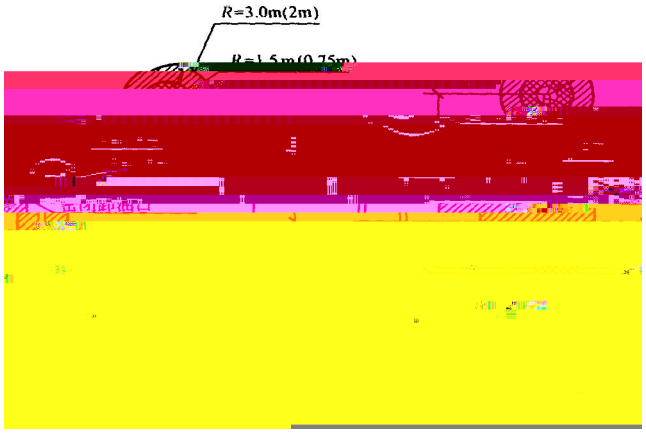
2 1.5m 0.75m

0.5m 1

3 1.5m 1m

3m 2m 1.5m

2



3

1

2

3

4

5

6

7

8

9

10

11

12

13

14 SF