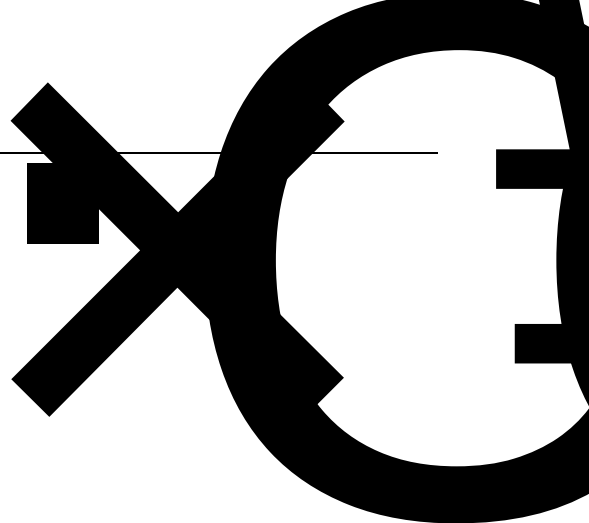

1	.....	3
1.1	.....	3
1.2	.....	4
1.3	.....	4
1.4	.....	4
2	.....	6
2.1	.....	6
2.2	.....	6
2.3	.....	7
2.4	.....	9
2.5	.....	9
2.6	.....	12
2.7	.....	16
2.8	.....	17
3	.....	18
3.1	.....	18
3.2	.....	18
3.3	.....	19
3.4 “ ”	.....	20
4	.....	21
5	.....	22
6	.....	23
6.1	.....	23
6.2	.....	23
6.3	.....	24
7	.....	29
7.1	.....	29
7.2	.....	32
7.3	.....	34

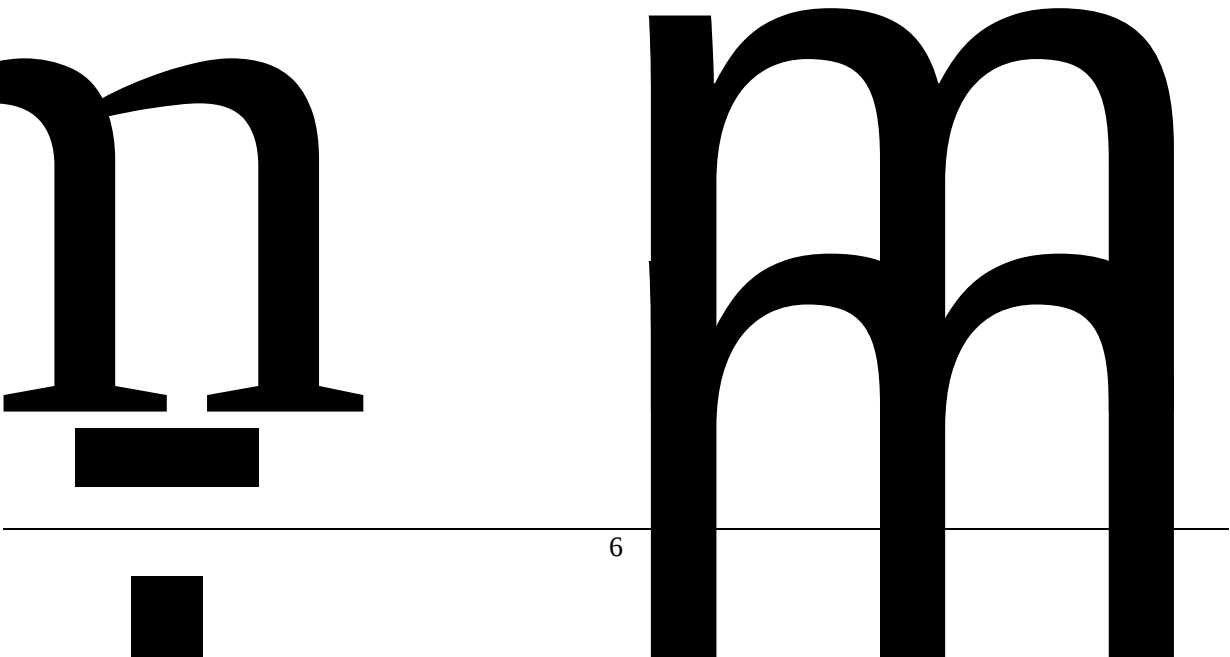
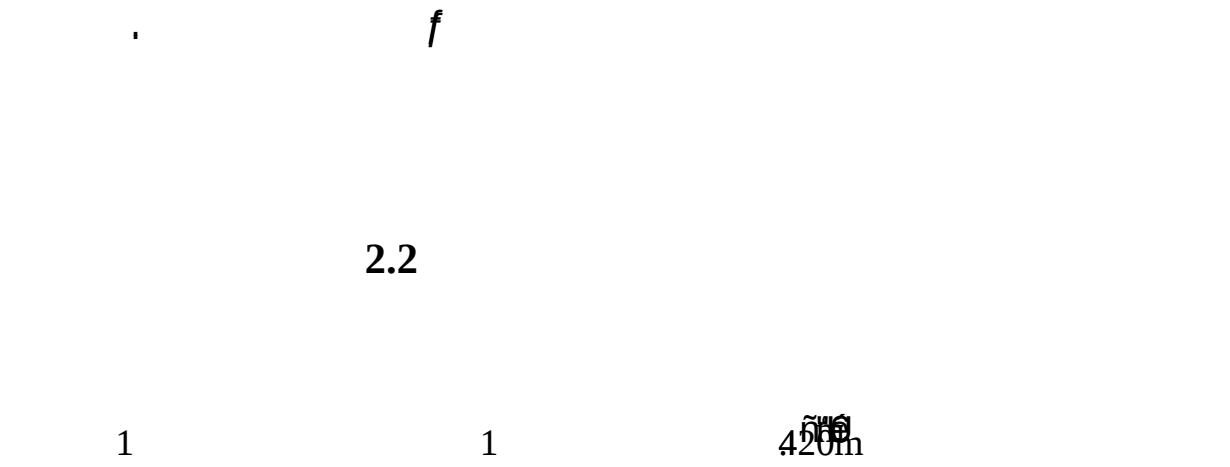
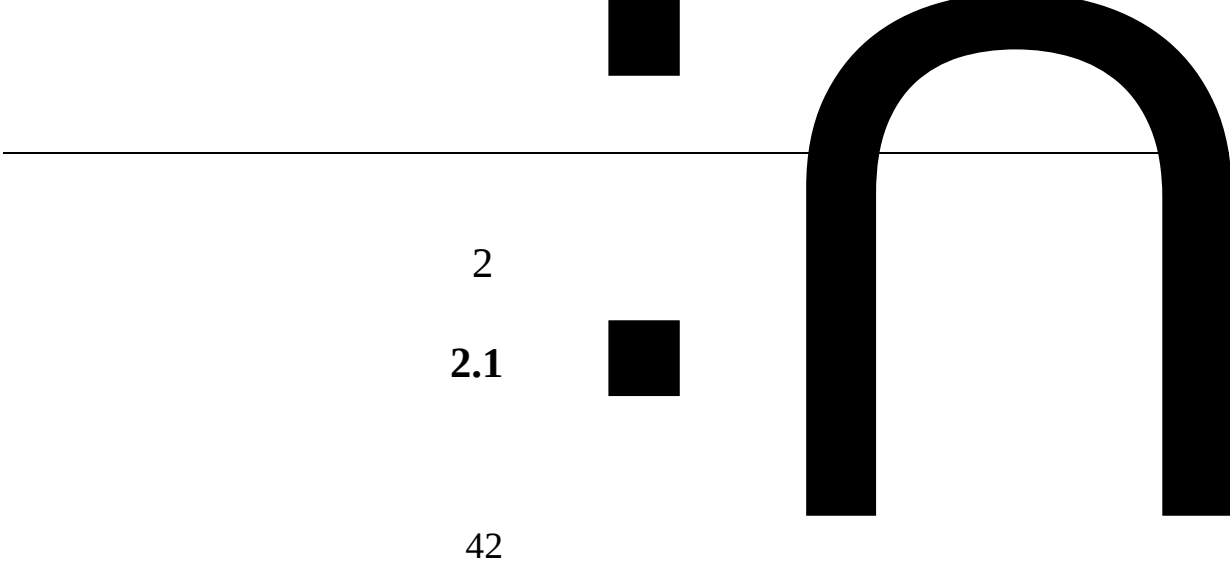


É

1.2

1.3

1.4



4

7

2.3.1

SF

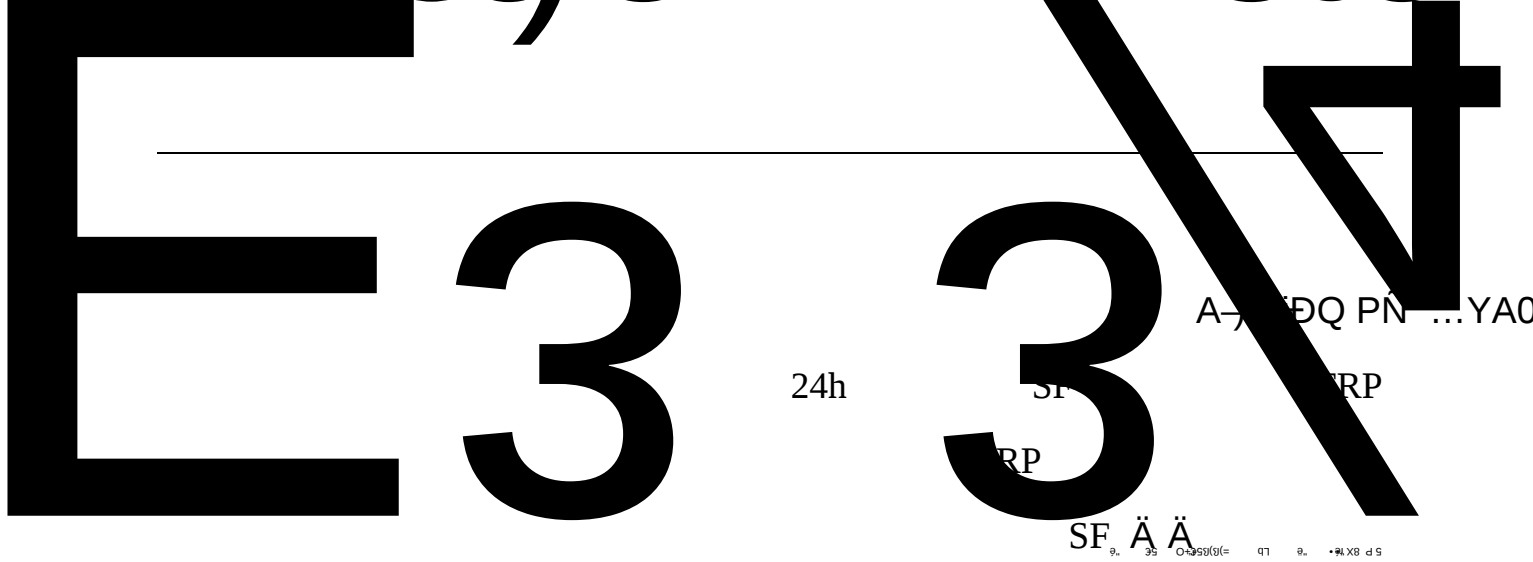
SS

SF

FF

SF

FRP



24h

SF Ä Ä
9, 35 O-35(5)= 47 9, •4/X8 d 5

”“ ””

<

2.4

2.4.1

2F

29.3m 43m 5.4m

25

56.8m 44m

21.4m

2.42

1531.93m²

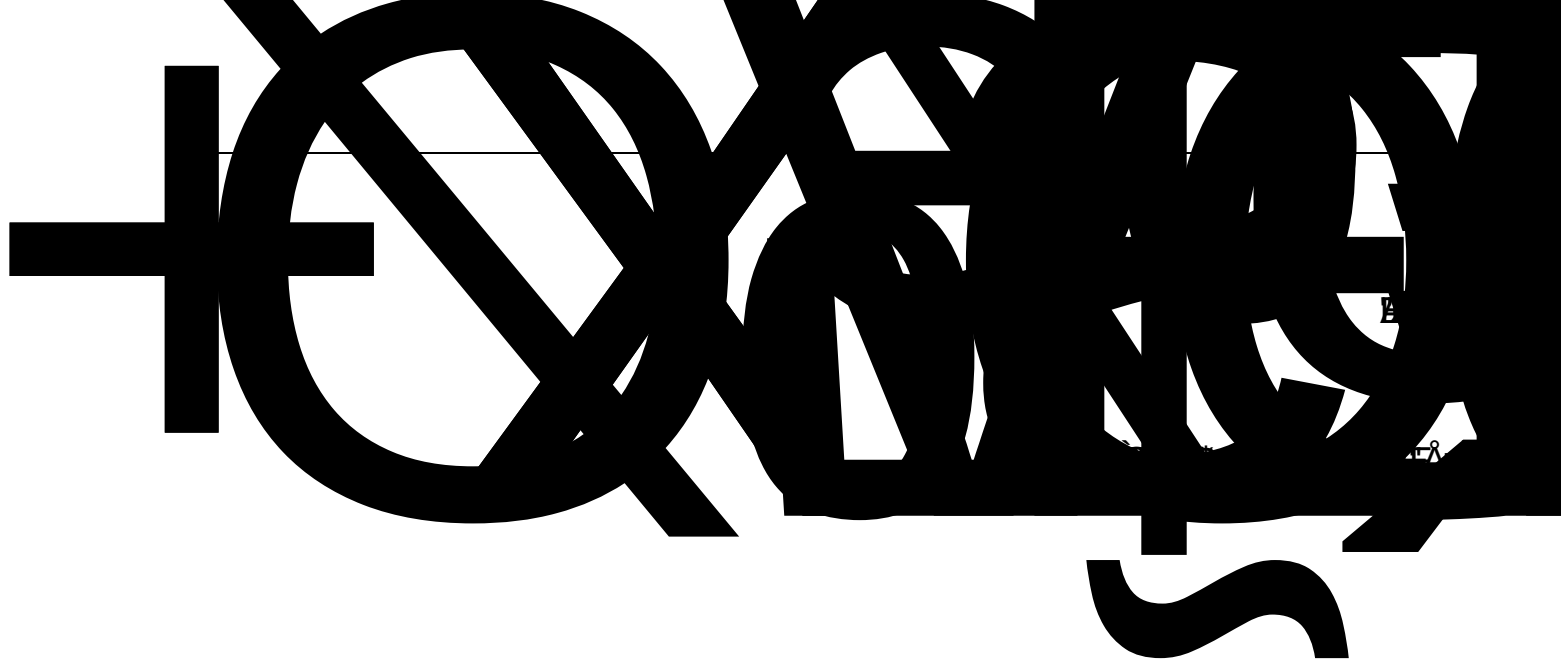
2.4.3

2 30m³ SF 4 30m³

SF 180m³

2.5

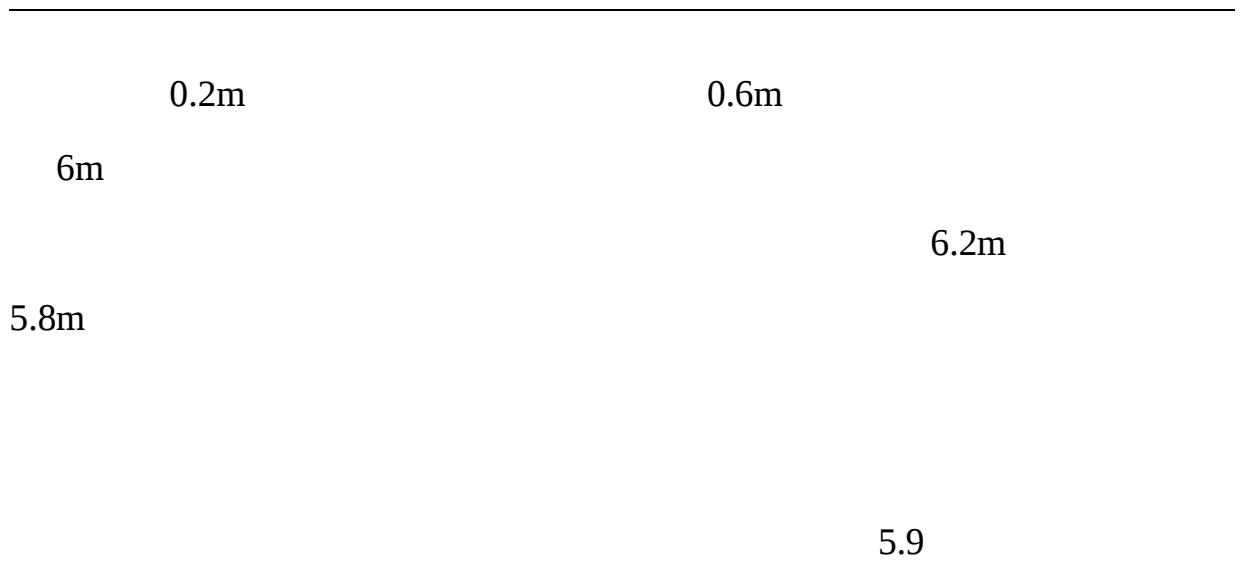
2.5.1



\$(- 5€ 814\$€ 1%1W1049Dra€\$5Õ1 È"j

Đ





3			
4			φ16
		18m	
	1m		
5			
6			
	1.5m		
7			
8			
	1Ω		
9		B	
10	TN-C-S		
11			10
12			
2.6.5			

8

0.8L/h

3.5mm

10 /h

	5kg	16	35kg
2	5	5	2m ³

5

2.7-2

2.7-1

				m ²			
1				189.98			
2				420			6m

6m

1	2	V=30m ³ , Q235-B	SF
2	4	V=30m ³ , Q235-B	SF
3	2	Q=5.50L/min Q=5.50L/min	)

)

12		1	TCC-1	-	6
13		1	-	-	
14		1	STC-1	-	
15		1	-	-	1 8
16		1	-	-	

2.8

8 1 1
6 424 3 2

3

3.1

2015

... 1

6					
7					
8					

3.4 “ ”

C

4

4-1

1

ny

5

5-1

5-1

1			
2			
		G.M	
3			
4			

6

6.1

6.1-1

6.1-1

$\mathcal{Q} + \mathcal{J}\lambda$

6.2.2

$$Q_{TNT} = C_0 \cdot V \cdot \rho \cdot k \cdot H_C / q_{TNT}$$

$$Q_{TNT} \quad TNT \quad kg$$

$$C_0 \quad L_X / 0.55$$

$$L_X \quad \% \quad 0.55$$

$$V \quad 30m^3$$

$$\rho \quad 4$$

$$H_C \quad 43000kJ/kg$$

$$q_{TNT} \quad TNT \quad 4500kJ/kg$$

$$K \quad 1$$

$$Q_{TNT} = 1.3\% / 0.55 * 30 * 4 * 1.29 * 1 * 43000 / 4500 = 34.97kg$$

$$Q_{TNT} = 0.6\% / 0.55 * 30 * 4 * 1.29 * 1 * 43000 / 4500 = 16.14kg$$

$$2 \quad G \cdot M$$

$$G \cdot M$$

$$P = 0.8 \left(\frac{R}{\sqrt[3]{Q_{TNT}}} \right)^{-3}$$

$$R = \left(0.8 Q_{TNT} / P \right)^{1/3}$$

$$P \quad MPa$$

$$R \quad m$$

$$Q_{TNT} \quad 34.97kg$$

$$3$$

6.3-1 6.3-2

6.3-1

P MPa		P MPa	
0.02 0.03		0.05 0.10	
0.03 0.05		>0.1	

6.3-2

P ₀ /MPa	P ₀ /MPa
0.005 0.006	0.06 0.07
0.006 0.015	0.07 0.10
0.015 0.02	0.10 0.20
0.02 5	

0.015 0.02		12.54 11.49	0.10 0.20		7.06 5.64
0.02 0.03		11.49 10.13	0.20 0.30		5.64 4.97
0.03 0.05		10.13 8.69			

2

6.3-3

6.3-4

0.02MPa

0.005MPa

11.18m

17.75m

7

7.1

7.1.1

7.1.3

1

8.3

35.2

-28.2

28.2

-15.7

2

70.5%

82%

54%

3

101.6Kpa

4

658mm

5

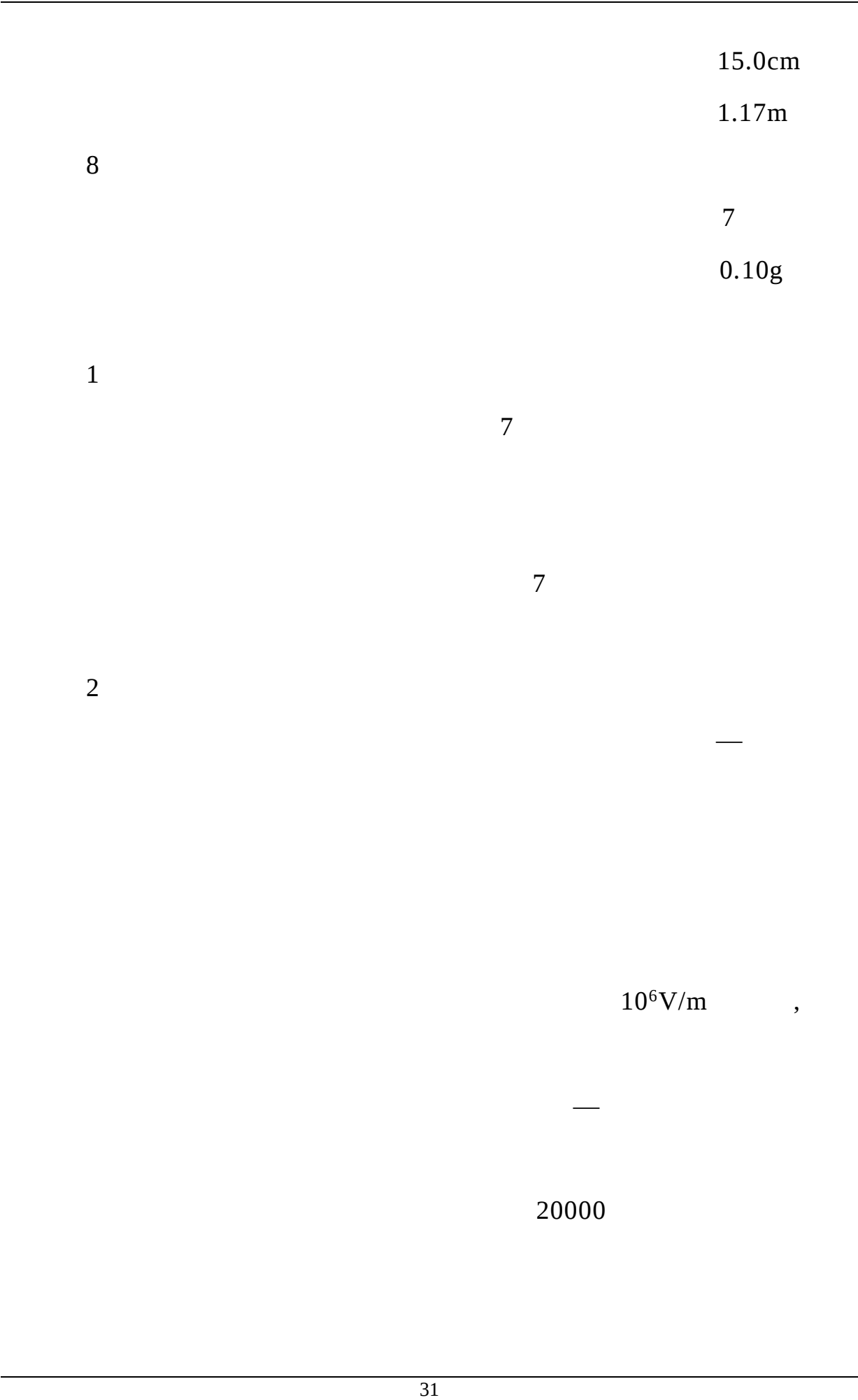
4.6m/s

25.7m/s

6

23.4d

7



SF

7.2-1

7.2-1

1
2

GB 50156-2021

8% m "

GB 50156-2021

GB 50156-2021

GD 50196-2021

" " " " " "

GD 50156-8331

GB 50156-2021

GB 50156-2021

©p°\$B•no tQG•Tpu42|>`

GB 50156-2021

35

8		GB 50156-2021
5.0.11	1*	2

2	6.1.5	-
		-

95%

10 6.1.16

2

1 6.2.2

50L/min

2 6.2.3

3 6.2.4

4 6.2.5

5 6.6.2

3

1 6.3.1

2 6.3.2

3		6.3.3
4		6.3.4
	100mm	
5		6.3.5
6		6.3.6
7		6.3.7
	1	
50mm		
		1.0 1.2
		25mm
8		6.3.8

GB/T 8163		
	4mm	
4mm		
		$10^8 \Omega \cdot \text{m}$
	$10^{10} \Omega$	
100kV		
13		6.3.13
	$10^8 \Omega \cdot \text{m}$	$10^{10} \Omega$
14		6.3.14
15		6.3.15
	2‰	
		1%

16

6.3.16

6.3.15

1%

17

6.3.17

0.4m

1

12.1.1

2

2 5kg

1 5kg

1 6L

2 2

1 35kg

15m

$$5 \qquad 2m^3$$

2

12.3.2

0.25m

0.25m

3

12.3.3

1

1

13.1.1

2

13.1.3

			90min
3		13.1.5	
4		13.1.6	
5		13.1.7	
	GB50058		
6		13.1.8	
	IP44		
7			4.5.1
8			4.5.2
9			4.5.3
		3.5m	

10		4.5.5
11		3.2.5
12	3.2.5	5.3.2
100mm		
		50mm
		100m
100mm		50mm
2		
1		13.2.1
2		13.2.2
		4Ω

	30Ω		
10		13.2.11	
11		13.2.12	
	5		
12		13.2.13	
13		13.2.14	
14		13.2.15	
	100Ω		
15		13.2.16	
			1
16			GB
50169-2016	4.2.9		
	3		
1		13.4.4	



2

14.1.5

2

1

1

14.2.1

.2.

2

14.2.2

4.5m

2m

2

		0.6m	
4		GB 50156-2021	14.2.4
		GB 50016	
5		14.2.7	
	14.1.4		
6		14.2.9	
7		14.2.10	
		300m ²	
8		14.2.11	
	B		
		GB50016	
9		14.2.12	
3h			
10		14.2.14	
			5.0.13

5		15.2.1
6		15.2.9
	GB 50517	
7		15.2.10
		35kPa
	30min	
2		
8		15.2.12
9		15.5.7
	3	2
10		15.5.15

11

B

1 1

m

GB 50171

12

15.7.2

GB 50168

13

15.7.3

GB 50303

14

15.7.4 'w@?ô

GB 50517

24

25 4.4
GB/T2893.5 GB2894 GB13495.1 GB15630

26 4.5

27 5.1.6

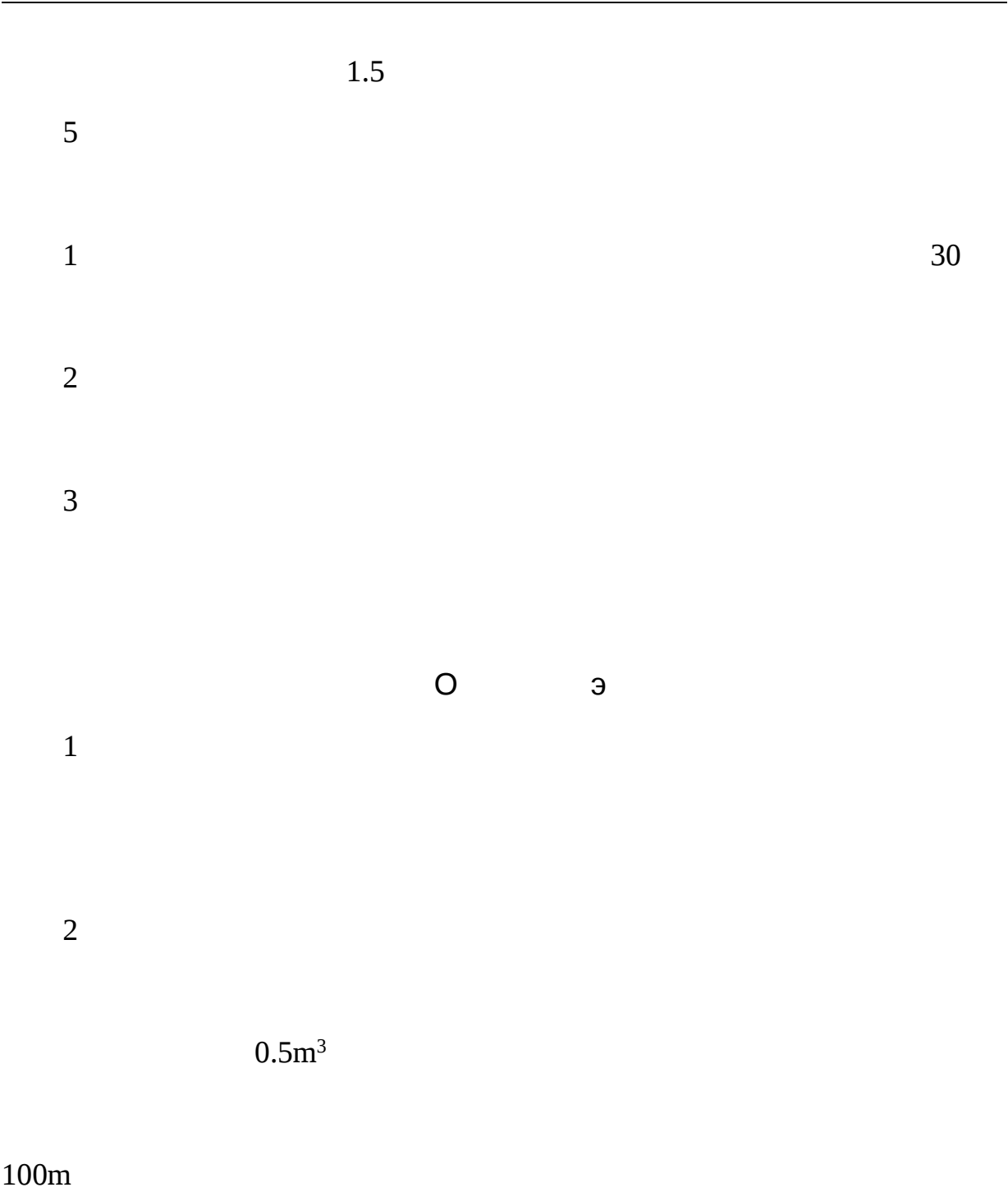
28

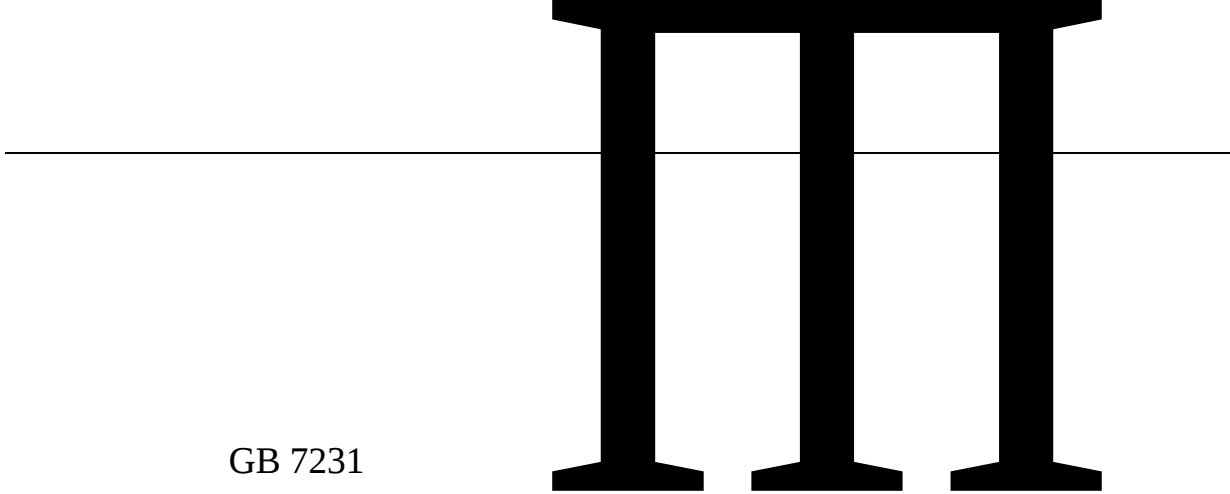
9

9.1

A

PC-TWA	mg/m ³	300
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GB 7231

5

15min

1674

-18

$$=1$$

0.79~0.84

300~365

5

0

-10

60

-20

50

-35

-50

45

15min

eeeC

C.0.1.5

1

2

3

4

C.0.2

6					
7					
8					

C.0.2.1

1

70m

6 46

2

xx x x

xx x x

C.0.2.2

1

2

C.0.2.3

C.0.2.4

2

C.0.2.8

2m

2m

C.0.3

1

2

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

S...

q_1 $q_2...$ q_n

t

Q_1 $Q_2...$ Q_n

t

1

200t

60m³

0.75

45t

5000t

120m³

0.89

106.8t

$$45/200+106.8/5000=0.24636<1$$

C.0.4

C.0.4.1

1

2004 1

221L

“ ”

2

100%

C.0.5

GB 50156-2021

C.0.5-1

1				GB50156-2021 3.0.4	
2	L-GNG GB50156	3.0.17		GB50156-2021 3.0.17	30m ³
3				GB50156-2021 3.0.25	
4				GB50156-2021 3.0.27	8
1				GB50156-2021 4.0.1	
2	GB50156	4.0.4		GB50156-2021 4.0.4	2.4-2 2.4-1
3				GB50156-2021 4.0.13	
1				GB50156-2021 5.0.1	
2					q (U—Q`
	6m	4m		GB50156-2021	8.4m

5.0.2

8%

3

%

C.0.6-2

C.0.6-1

C.0.6-2

(<PHA>)



1

2

- 1
- 2
- 3
- 4
- 5
- 6

~~SECRET~~

~~XXXXXX~~, \$

2. 詳細な説明

2

3
4

2
3
4

D

D.0.1

2021 9 1

2 2021

4 29

2024 11 1

2018 12 29

2015	1	1
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6	708	2019	4
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17

2016 8 2016 2 5

18

2019 62 2019

				2022	8		2023	1	1
42							2015		
							2022	300	
2022	12	5							
43									
			2022	317	2022	12	20		
D.0.3									
1							GB 50156-2021		
2							GB 19147-2016		
3			E10				GB 18351-2017		
4							GB 50016-2014	2018	
5								GB 30871-2022	
6								GB 30077-2023	
7							GB 55036-2022		
8								YJ/T 9009-2015	
9							GB 6441-1986		
10							GB 50140-2005		
11							GB 12158-2024		
12								GB 50395-2007	
13								AQ 3009-2007	
14							AQ 3010-2022		
15							GB 2894-2008		
16									GB/T

13861-2022

17 (GBZ/T 230-2010)

18 GB/T 50610-2010

19 GB 50057-2010

20 GB 6944-2025

21

GB 50171-2012

22 GB 50009-2012

23 GB 50343-2012

24 GB 12268-2025

25 1 GB/T

30040.1-2013

26 2 GB/T

30040.2-2013

27 3

GB/T 30040.3-2013

28 4

GB/T 30040.4-2013

29 5

GB/T 30040.5-2013

30 6

GB/T 30040.6-2013

31 7

GB/T 30040.7-2013

32 GB 50058-2014

33	-		
	SH/T 3178-2015		
34		GB 50303-2015	
35		GB/T 13955-2017	
36		GB/T 35579-2017	
37		GB 18218-2018	
38		GB/T 8163-2018	
39		GB/T 21447-2018	
40			GB
50168-2018			
41		1	
	1	GBZ 2.1-2019/XGI-2022	
42		2	
GBZ 2.2-2007			
43		1	
	GB/T 22380.1-2017		
44		2	
	GB/T 22380.2-2019		
45		GB 50068-2018	
46			GB/T
50484-2019			
47		YJ/T 9007-2019	
48		GB 20952-2020	
49			GB/T
29639-2020			

50

AQ 8001-2007

D.0.4

1

2005 4

2

3

1	1	
2	2	
3		
4		
4	1	
5	1	
6		1