
2015 1674 ≤60

2022 8 2023 1 1 1674

2023 4 22

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1.3		5
1.4		5
2.		7
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2.2		7
2.3		7
2.4		12
2.5		13
2.6		13
2.7		14
3.		17
3.1		17
3.2		18
3.3		23
4.		29
4.1		29
4.2		29
5.		30
6.		57
7.		59
		60
		62

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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										

16 2008 2 1

9 2 2019 9 1

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11 44 2015 5

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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/T 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/T12801-2008)
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

3178-2015

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GB/T 13500-2017

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2003

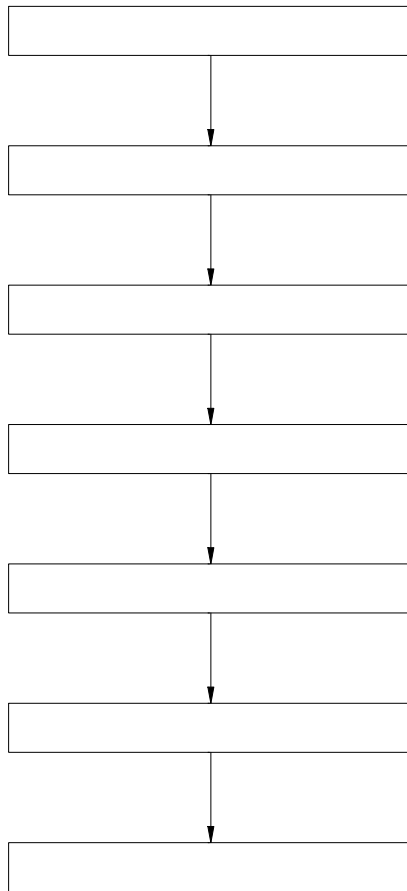
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1.3

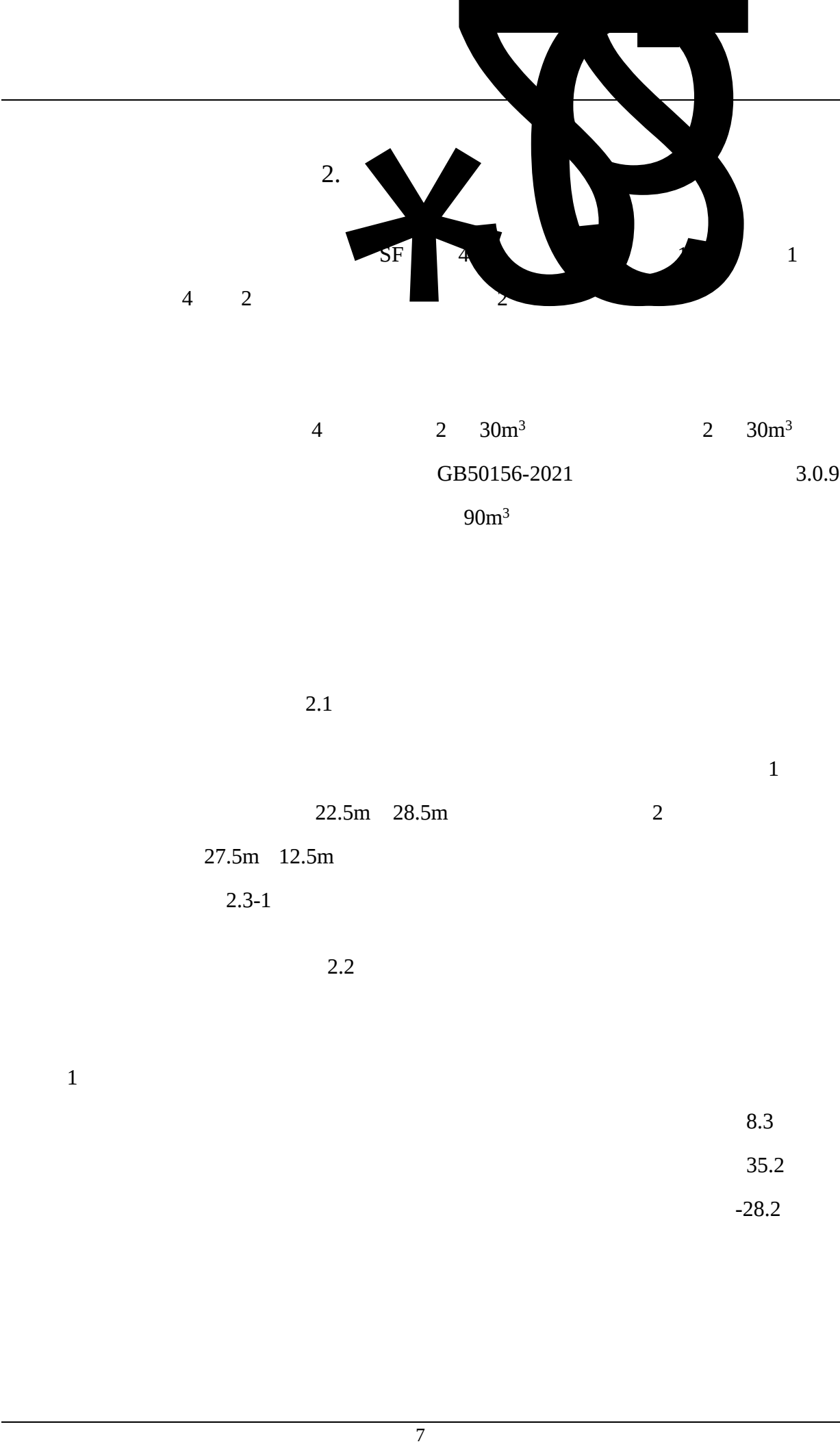
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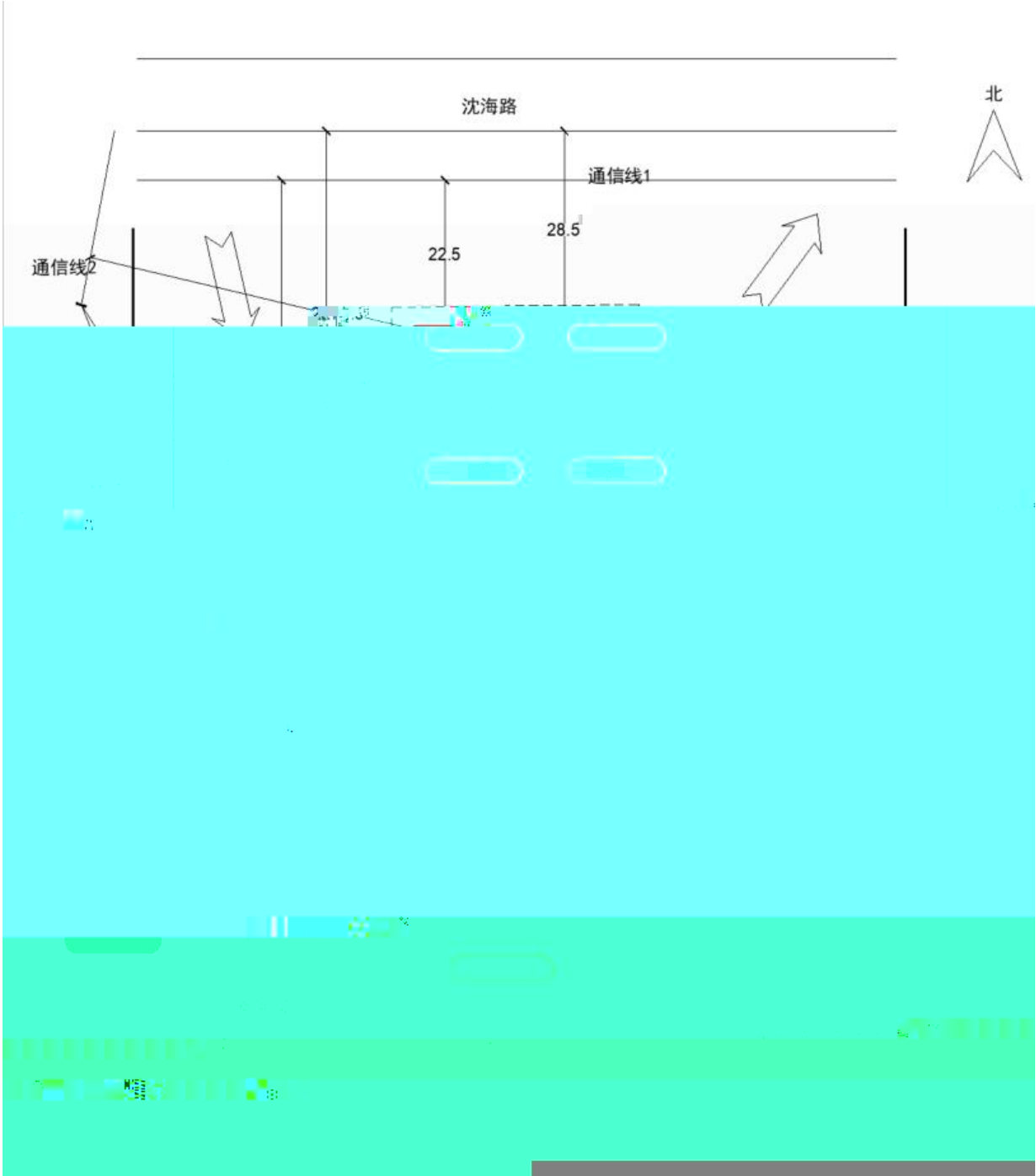


1.4-1



2.3-1

2.3-2



2.3-1

2.3-1			m		
	1			5	35

				5.5	41	
	2			5	16	
	1			5	33	
				5	39	
	2			5	28	
	1			5	41.5	
				5	47.5	
	2			5	22.5	
	1			5	35	
				3	41	
	2			5	12.5	
	1			5	22.5	
				3	28.5	
	2			5	27.5	
	1			5	41	
				3	47	
	2			5	22	

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2.4-1

1				103m ²		-
2				180m ²		H=6m

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2.4-2

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	210504197812211350			2024 10 11 2027 10 10
	210624199111125142			2023 11 30 2026 11 29

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3.1.3

$$23 \leq 60 \qquad 3.1-1$$

3.1-1		
1		200t
2		5000t

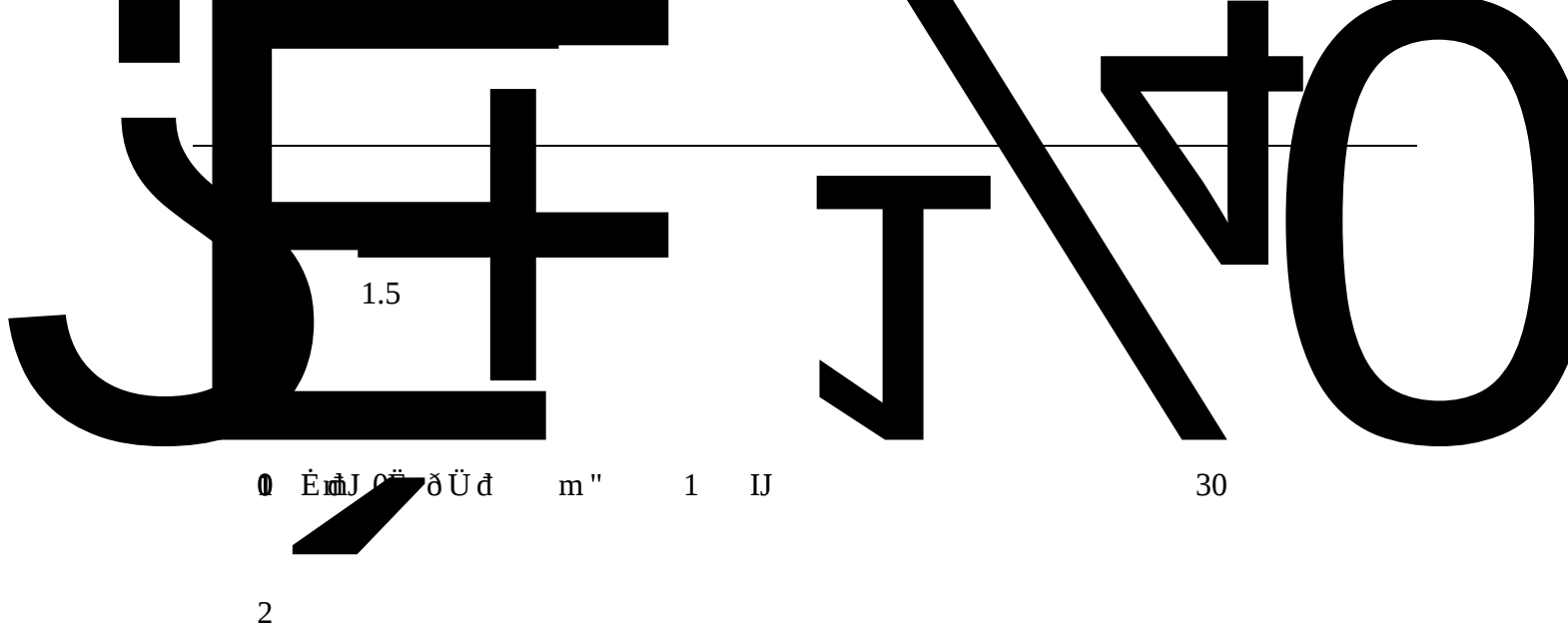
$$\begin{array}{ccccccc}
 & & 60\text{m}^3 & & 0.775 & & \\
 46.5\text{t} & & 60\text{m}^3 & & 0.85 & & 51\text{t} \\
 S=46.5/200+51/5000=0.2325+0.0102=0.2427<1
 \end{array}$$

3.2

3.2.1

$$\begin{array}{ccccccc}
 & & 2^* & & 1\text{B} & & 2 \\
 1 & & - & & 2 & & - & & 2 \\
 & & 1630 & & & & & &
 \end{array}$$

$$\begin{array}{ccccccc}
 & & & & \text{E10} & & 92 \\
 95 & & 98 & 3 & =1 & 0.72 & 0.775 & & =1 & 3
 \end{array}$$



0 É m J 0 ä ð Ü đ m 1 IJ 30

-18 =1 0.79~0.85
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50 -35 -50 45

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1986 5 2

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3.3.5

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	5.0.11	GB50156-2021		
	A	5.0.15		
14		GB50156-2021		
	C	5.0.16		

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1		GB 50156-2021		
		6.1.1		
2		GB 50156-2021		
		6.1.2		
3		GB 50156-2021	SF	
		6.1.3		
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	1	GB 50156-2021	SF	
	AQ3020	6.1.4		
	6.1.4			

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SF

GB 50156-2021

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SH/T3178

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GB 50156-2021

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11		GB 50156-2021 6.1.11		
12	0.5m 0.9m 0.3m	GB 50156-2021 6.1.12	0.5m 0.4m	
13		GB 50156-2021 6.1.13		
14		GB 50156-2021 6.1.14		
15	90% 95%	GB 50156-2021 6.1.15	90% 95%	
16		GB 50156-2021 6.1.16		
17			SF	

SH 3022	GB 50156-2021 1\ 6.1.17	
1	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	

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GB 50156-2021

6.6.5

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6.3.5

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50156-2021

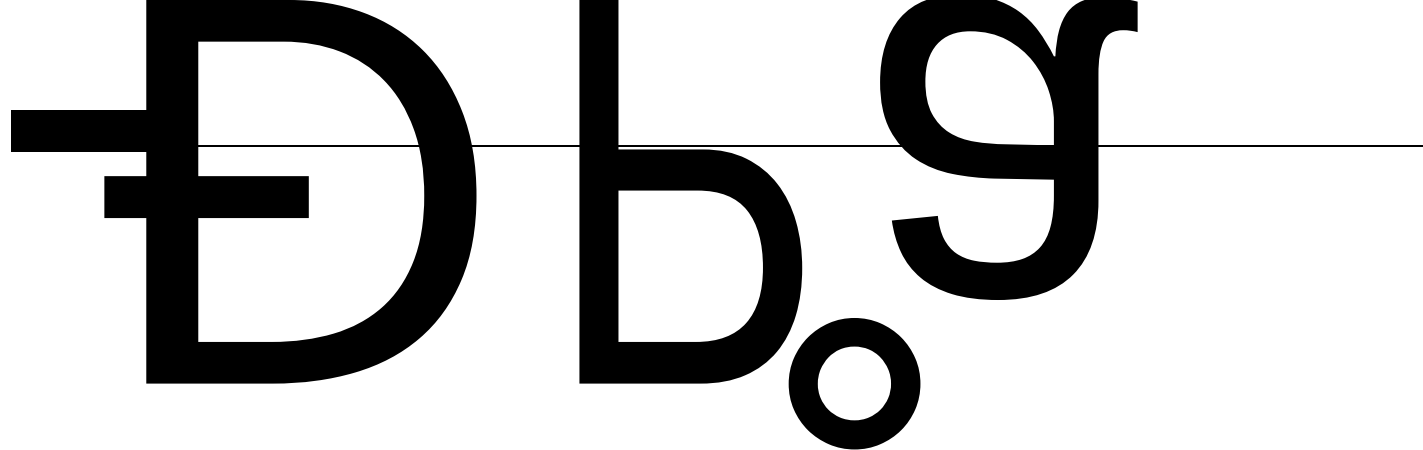
6.3.6

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GB 50156-2021
6.3.9

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50mm

GB 50156-2021
6.3.10

50mm

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2KPa~3KPa
1.5KPa~2KPa
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GB 50156-2021
6.3.11

		6.3.20		
	21	GB 50156-2021 6.5.1	SF	
	22	GB 50156-2021 6.5.4		
	23	GB 50156-2021 6.5.5	6.3	
	6.3			
	5mm			
	5%		0.5%	
	24	GB 50156-2021 6.5.6		
	3.5mm			

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1 35kg

GB50156-2021

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13.2.7

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	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	GB 50348 2018 3.9	6.1.1.3		
	1		GB50156-2021 13.5.1		

4

GB50016

50156-2021
14.2.4

GB

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GB50156-2021
14.2.7

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14.2.9

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300m²

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14.2.10

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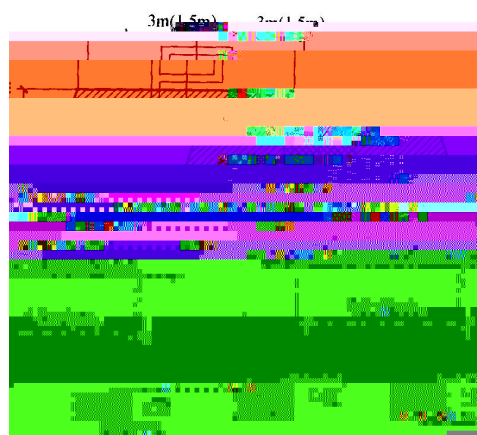
2

4.5m

0.15m

3m

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