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2. 7

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2.4 13

2.5 13

2.6 14

2.7 15

3. 19

3.1 19

3.2 20

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4. 30

4.1 30

4.2 30

5. 31

6. 55

7. 57

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2025 6 2025 05 07

18 “ ”

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2016 3 2016 4 28

21 2015

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22 < 2015 > 1674 [60]

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1	GB 50156-2021
2	GB 6944-2025
3	GB 12268-2025
4	GB 18218-2018
5	GB 17914-2013
6	GB 55036-2022)

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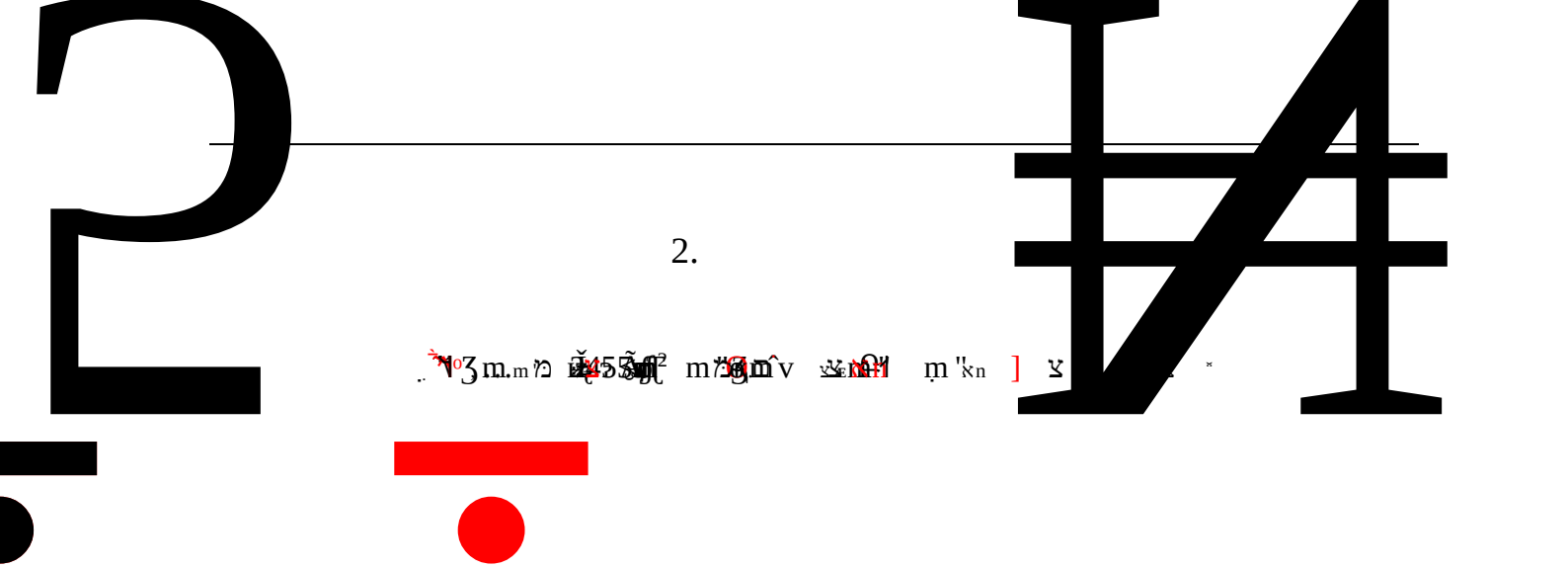
2.



0.10g

2.3

2.3-1 m

	m
8.5	34
11	19.5
15.5	51
8.5	56
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8.5	12.5
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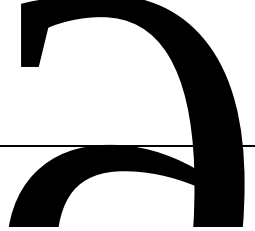

7	57
5	45.5
7	19.5
7	32.5
6	29
9	195
11	46
6	57
3	45.5
6	12.5
6	25.5
6	62
9	24
9	84
6	36.5
3	12
6	32.5
6	35
6	32
9	19
9	50
6	57
3	45.5

2.3-2 m

	0.5	0.5	0.5	0.5	-	-	-	-	-	-	-	-	-	-
	0.5	0.5	0.5	0.5	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	3	14.5
	-	-	-	-	-	-	-	-	-	-	-	-	2	14.5
	7	42	6	45	7	45	6	45	7	15	6	28	-	-
	4	11	3	19	4	19	3.5	19	5	5.6	4	12	5	12
	2	3.5	2	3	2	3	2	3	-	-	-	-	-	-

2.4

2.4-1

2.4-1

1			84m^2			
2			280m^2			H=6m
3			30m^2			

2.4-2

2.4-2

1.		2	30m^3	-	SF
2.		3	30m^3	-	SF
3.		5	CS30J2123G		
4.		3	CS30J2123G		
5.		1	TLS-4		1
6.		1	UZK-SA-LD		
7.		16	-	-	4 10 4m 2 3m
8.		2	-	-	

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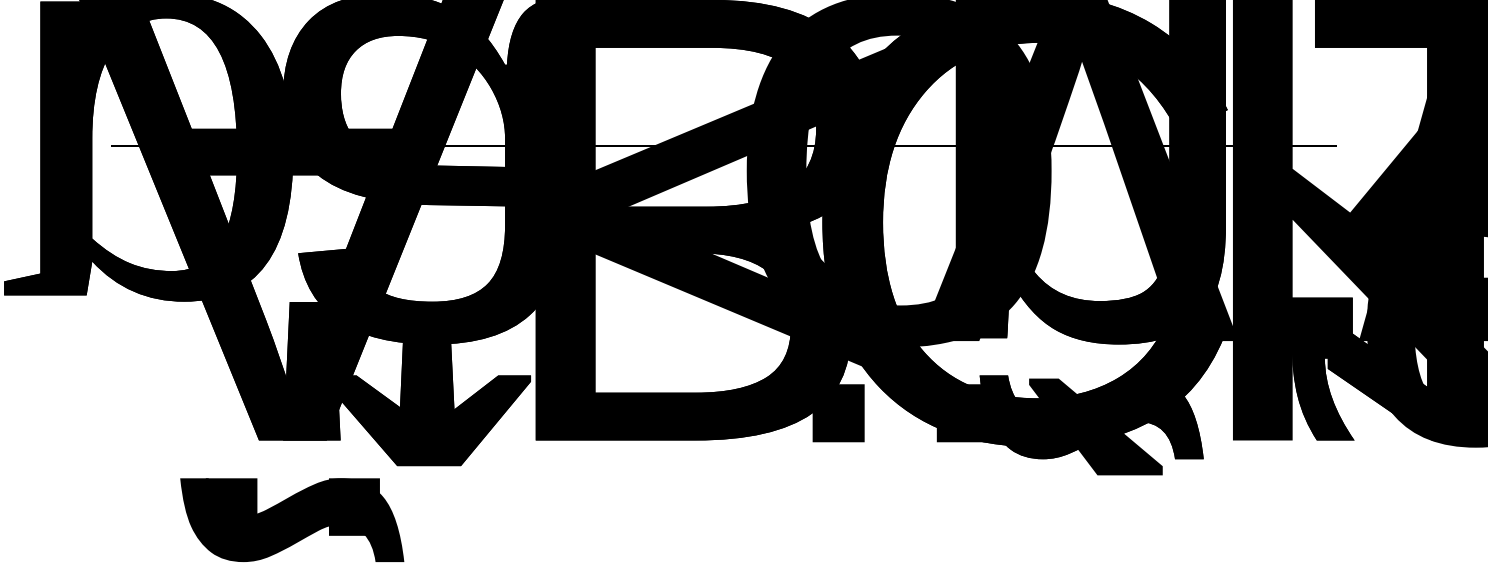

3.1

3.1.1

GB18218-2018

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Q_1 $Q_{2...}Q_n$—— t

3

3.1.3

3.1-1

3.1-1

1		200t
2		5000t

$90m^3$ 0.75

67.5

3

$1000m^3$

1

2 =

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

3.3

3.3-1

3.3-1

1			
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4			
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7			

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1

70m

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1987 2 4

1986 5 2

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18
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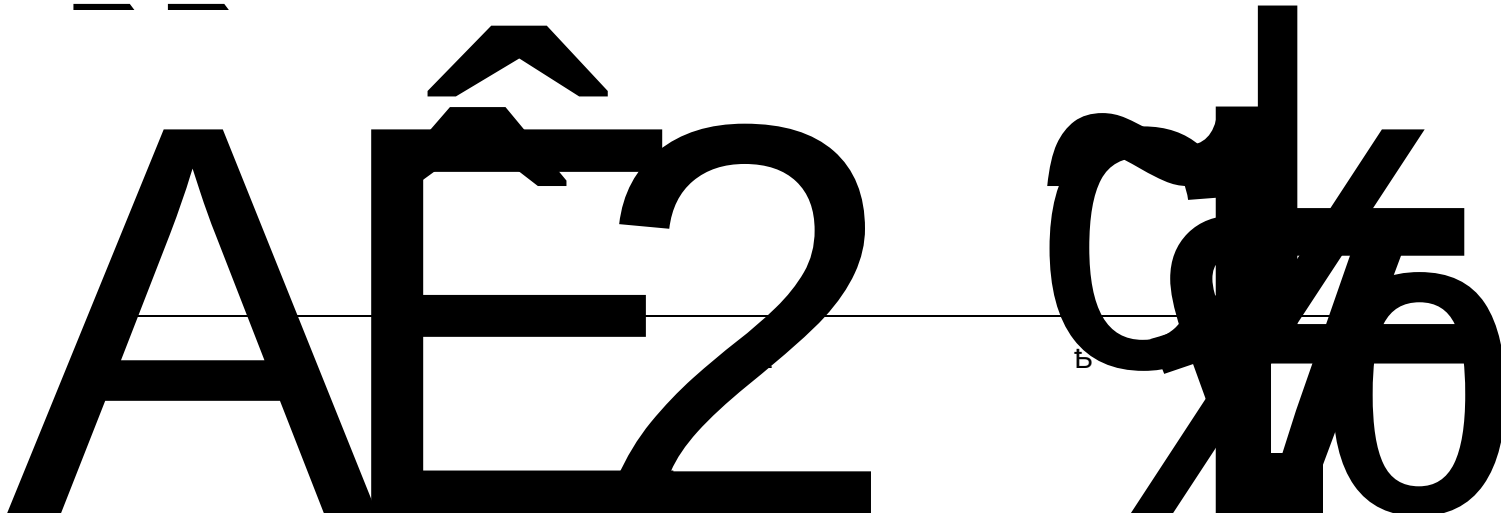
2



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2

4m 8m

6m 8%

8%

GB50156-2021

5.0.2

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GB50156-2021

5.0.3

4 “ ” “ “

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GB50156-2021 B-

5.0.5 5

5

	10	GB50156-2021 5.0.11		
	11 2.2m 4.0.4 1.5 25m 4.0.4	GB50156-2021 5.0.12	2.3-2	
	12 GB50156 5.0.13	GB50156-2021 5.0.13	2.3-2	
	13 5.0.13-1 5.0.11 A	GB50156-2021 5.0.15		
	14 C	GB50156-2021 5.0.16		

24 21

3

5-4

	1	GB50156-2021 6.1.1		
	2			

GB50156-2021

6.1.2

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SF

GB 50156-2021

6.1.3

4

6.1.4 SF

GB50156-2021

0.08MPa 6.1.4

5 -

GB50156-2021
6.2.2

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GB50156-2021
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GB50156-2021
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GB 50156-2021
6.6.1

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GB 50156-2021
6.6.2

8 6.2
1

2 3

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	100mm
5		GB50156-2021 6.3.5	
6		GB50156-2021 6.3.6	
7			

50mm

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	GB/T8163 4mm 4mm 108Ω·m 1010Ω	GB 50156-2021 6.3.12	GB/T8163 4mm	
	13	GB50156-2021 6.3.13		
	14	GB50156-2021 6.3.14		
	15 2‰ 1%	GB50156-2021 6.3.15	2‰ 1%	
	16 6.3.15 1%	GB 50156-2021 6.3.16		
	17 0.4m 0.2m 100mm	GB50156-2021 6.3.17	0.5m 0.3m 0.2m	
	18	GB50156-2021 6.3.18		
	19			

6.3.12

GB50156-2021

1. 2.8m/s 6.3.19

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GB50156-2021

6.3.20

GB/T21447

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21

SF

GB50156-2021

6.5.1

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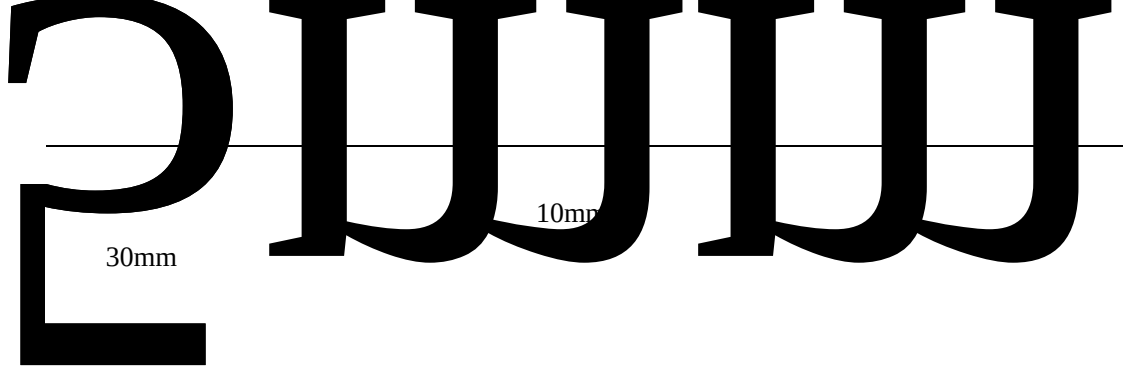

GB50156-2021

6.5.4

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	“ ”	XF/T3004-2020 8.1		
	4 “ ”“ ”	XF/T3004-2020 8.4		

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	1 2 380/220V 3 90min	GB50156-2021 13.1.1 GB50156-2021 13.1.2 GB50156-2021 13.1.3	380/220V 2h	
	4 4.5m 5m 4.5m 3m	GB50156-2021 13.1.4		
	5	GB50156-2021		

13.1.5

6

GB50156-2021

13.1.6

7

GB50156-2021

GB 50058

13.1.7

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IP44

IP44

GB50156-2021

13.1.8

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GB50395-2007

5.0.1

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GB50395-2007

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300cm^2/m^2 Aî 7 = ?

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		GB50156-2021 14.2.15		
	13	GB50156-2021 14.2.16		
	1	GB50156-2021 14.3.1		

17

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5-8 20

5-9

	5	5	0	0
	31	31	0	0
	24	21	0	3
	53	39	0	14
	8	8	0	0
	28	27	0	1
	17	11	0	6
	20	10	0	10
	186	152	0	34

5-9

186 34 152

1

1		5kg	8	8
		8kg		8
			5	6
2				2
		35kg	1	2
		8kg	-	2
			$2m^3$	$2m^3$
3		8kg	-	1
		5kg CO_2	-	5

6 “ ” “
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2018 74

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GB50156-2021

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GB50058-2014

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