2015 1674 ≤ 60

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1674

2023 3 14

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2.2 7
2.3 9
2.4 15
2.5 15
2.6 16
2.7 17
3. 21
3.1 21
3.2 22
3.3 27
4. 32
4.1 32
4.2 32
5. 33
6. 61
7. 64
.....64
.....64

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9 44 2015 5

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10 É 55

2015 3 23 79 2015 7 1

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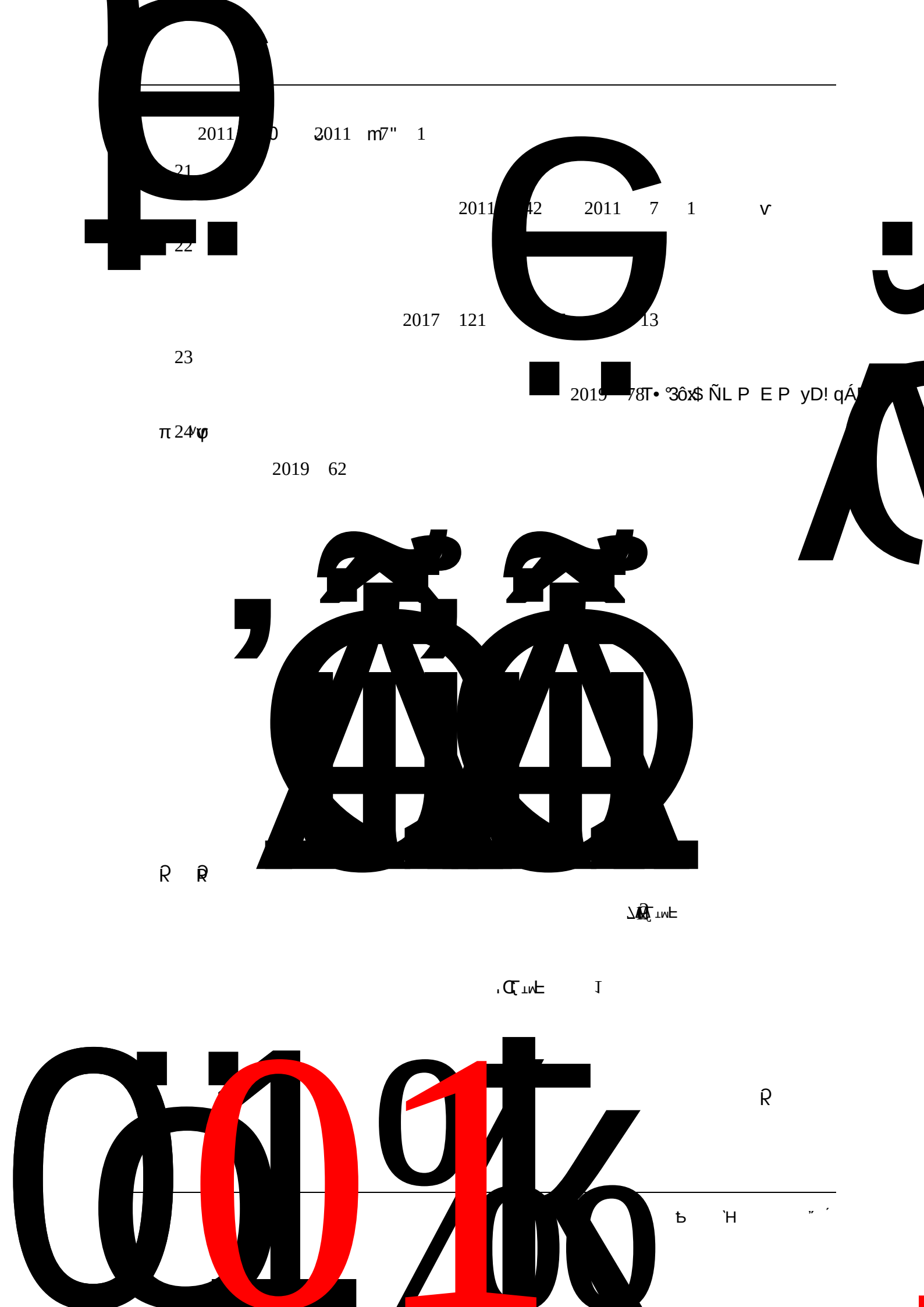

6	014
7	AQ 09-2007
8	GB/T 64 1986
9	GB/T 13861
10	GB 50140-2005
11	GB 50057-2010
12	GB 12158-2024
Ä13	- SH 1-20

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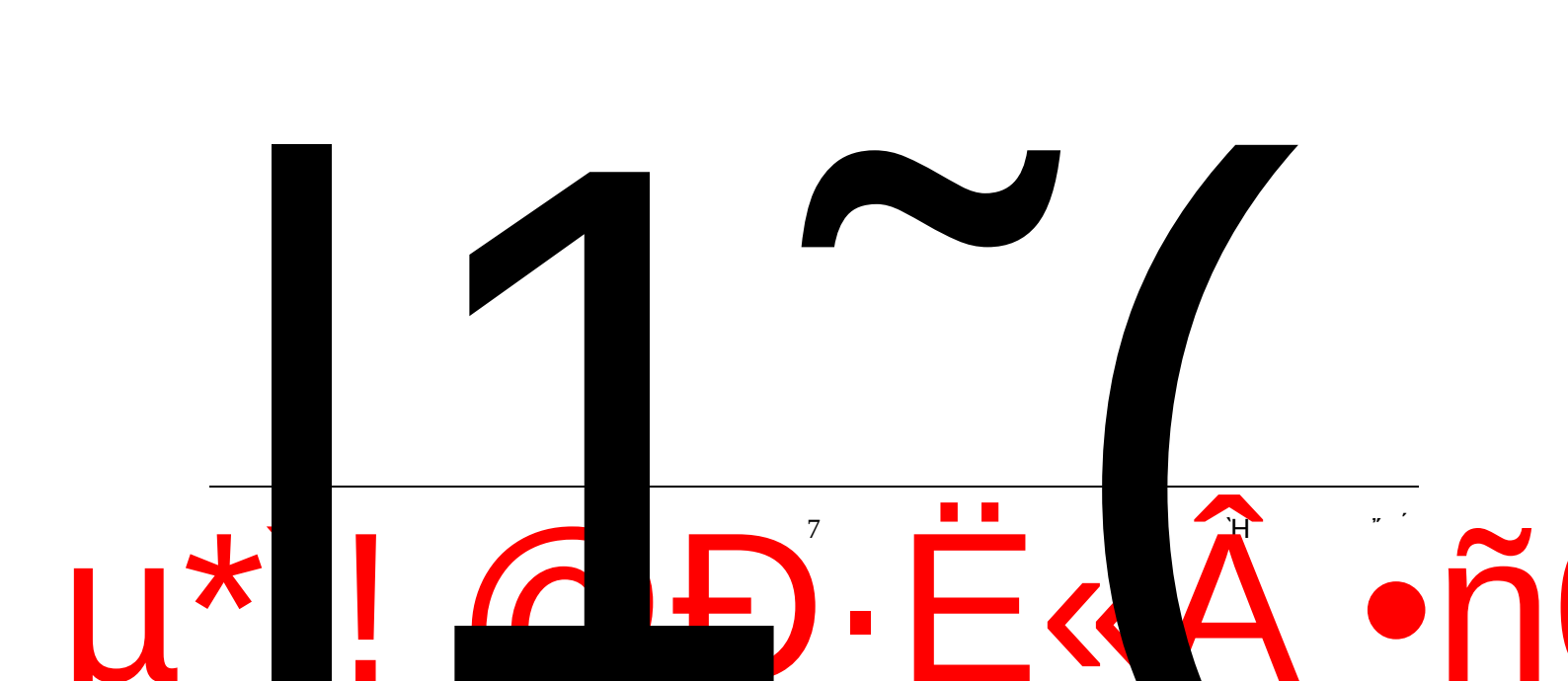

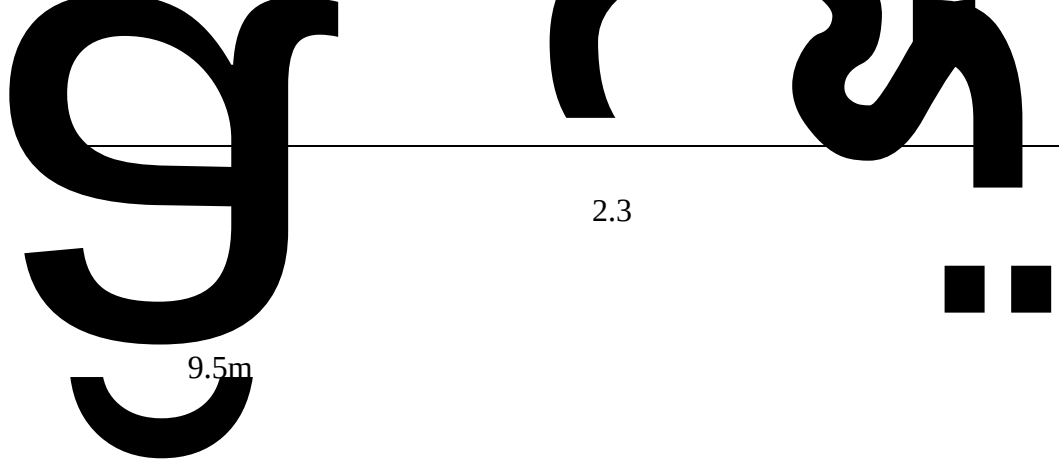

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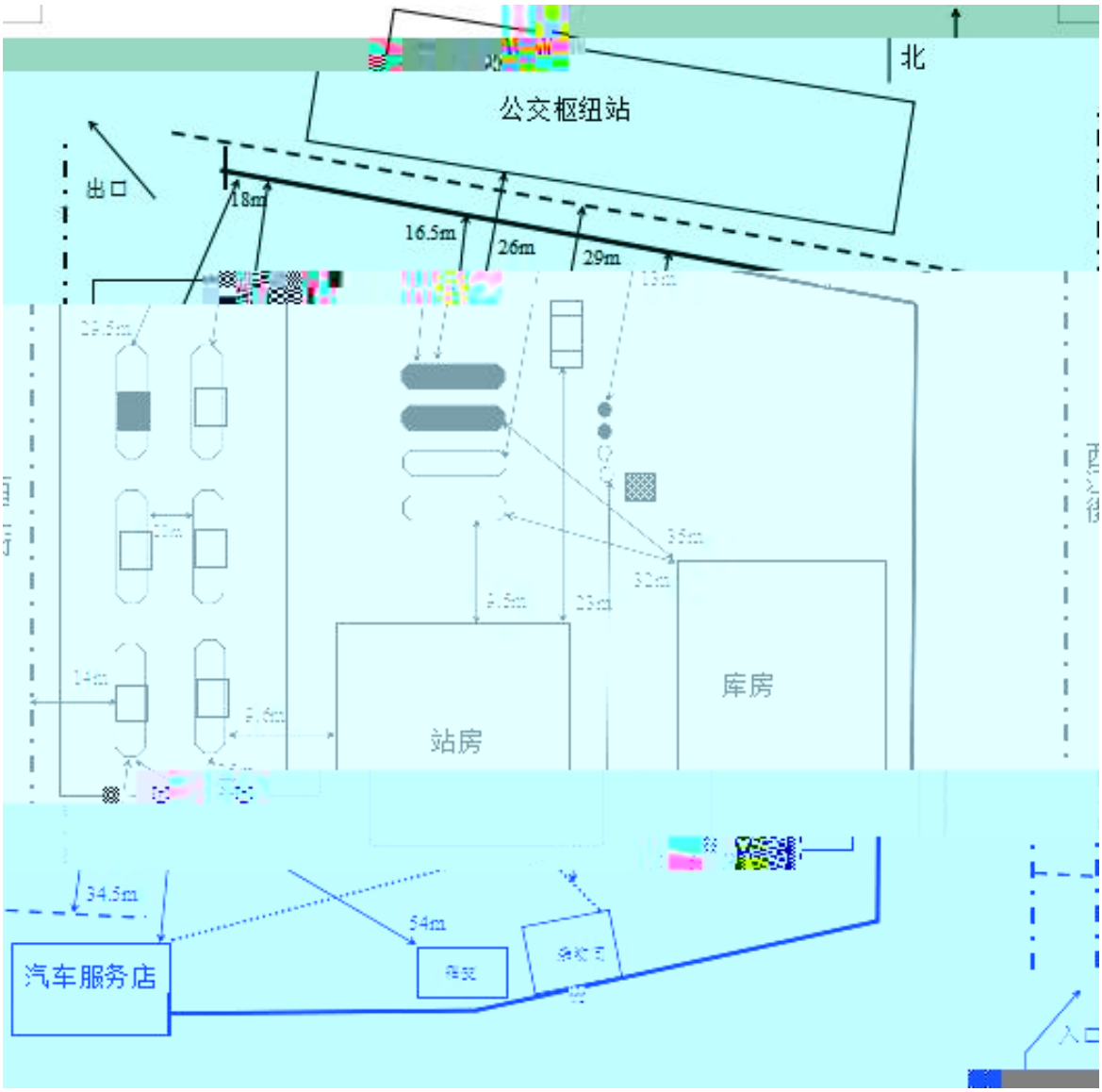
9.5m



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	1 H=7m		5	24
		-	-	-
			3	50.5
	2 H=7m		5	76.5
			6	69.5
	H=7m	-	5	67
			6	26
	1 H=7m		5	22.5
		-	-	-
			3	59.5
	2 H=7m		5	87
			6	79
	H=7m	-	5	63.5
			6	22.5
	1 H=7m		5	19
		-	-	-
			3	14
	2 H=7m		5	45
			6	66
	H=7m	-	5	66

				6	40
	1 H=7m			5	36
			-	-	-
				5	59.5
	2 H=7m			5	87
				7	79
	H=7m		-	5	63.5
				8.5	22.5
	1 H=7m			5	19

2-2 m

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2.4

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2-3

1			1072m^2			
2			1620m^2			H=6m
3			20m^2			
4			970m^2			

2-4

2-4

1		2	30m^3	-	SF
2		2	30m^3	-	SF
3		5	SK52GF212K		IIBT4
4		1	SK52QF212K		IIBT4
5		4	TLS2		
6		1	UZK-SA-LD		-
7		19		-	7 6 4m 6 3m
8		1	HGD15-89		

9		1	XFY-VR-M2/8A		

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+150Pa)

150Pa

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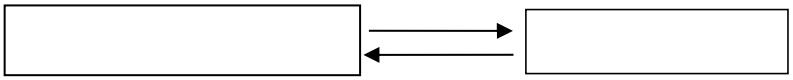

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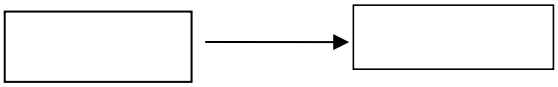

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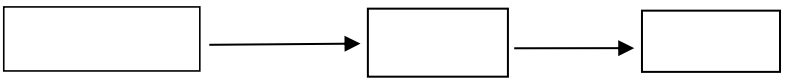

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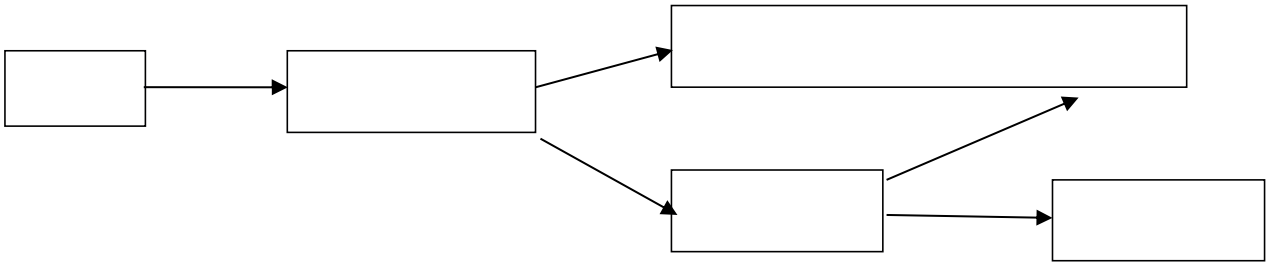

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2.7.1

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(1062017007)[2025]0106ZSY163

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GB18218-2018

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

S——

q_1 q_2… q_n—— t

Q_1 Q_2… Q_n—— t

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3.1.3

23 ≤ 60 3-1

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1		200t
2		5000t

$60m^3$ 0.75 45t

$60m^3$ 0.89 53.4tt

S=45/200+

0

415 530 0.813MPa

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PC-TWA( )(mg/m^3) 300

:

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4

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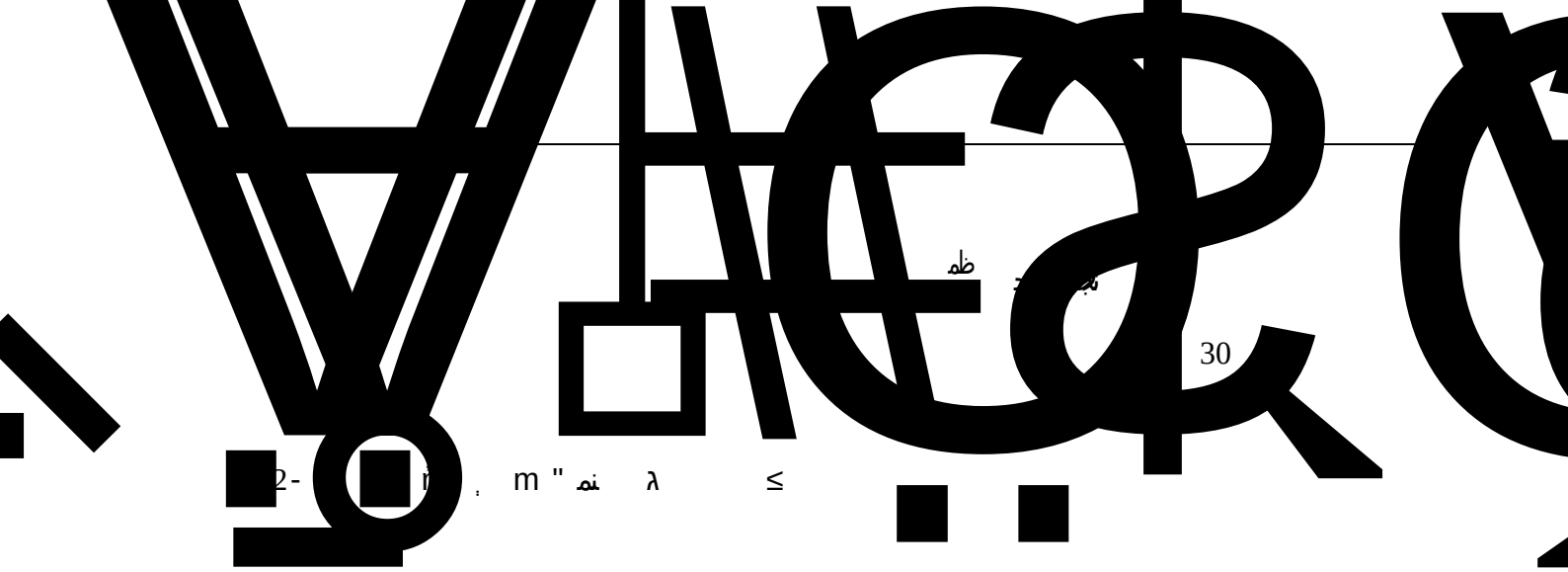

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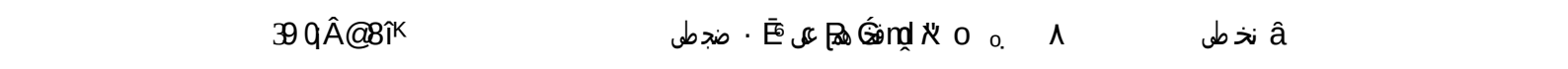

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3.3.1

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70m

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3.3.2

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3.3.7

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	1 GB50156 3.0.9	GB50156-2021 3.0.9	30m^3	
	2	GB50156-2021 3.0.25		
	3	GB50156-2021 3.0.27	19	
	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%	GB50156-2021 5.0.2	20m 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

8

300m^2

GB50156-2021
5.0.9

1

9

4.0.4 30m

GB50156-2021 1
“ ” 5.0.10

“ ” 47m
4.0.4

10

GB50156-2021
5.0.11

11

2.2m

4.0.4 1.5 25m

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	12 GB50156 5.0.13-1	GB50156-2021 5.0.13	2-1 2-2	
	13 C	GB50156-2021 5.0.16		

5-4

	1	GB50156-2021 6.1.1		
	2	GB50156-2021 6.1.2		
	3 6.1.4 0.08MPa	GB50156-2021 6.1.4	SF	
	4 - - SH/T3178	GB50156-2021 6.1.5	SF - SH/T3178	

	5 $10^9\Omega$ $10^9\Omega$ A=0.04Vt	GB50156-2021 6.1.7	SF	
	6. 11.2	GB50156-2021 6.1.8	SF	
	7	GB50156-2021 6.1.9	SF	
	8 80mm 4mm	GB50156-2021 6.1.10	SF	
	9	GB50156-2021 6.1.11		
	10 0.5m 0.9m 0.3m	GB50156-2021 6.1.12		

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

SF

SH 3022 GB50156-2021
6.1.17

56-2021

1

	4	GB50156-2021 6.2.4		
	5	GB50156-2021 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		
	1	GB50156-2021 6.3.1		

2

GB50156-2021
6.3.2

3

GB50156-2021
6.3.3

4

50mm

	9 4m 2m	GB50156-2021 6.3.9	4m	
	10 50mm	GB50156-2021 6.3.10	50mm	
	11 2KPa~3KPa 1.5KPa~2KPa	GB50156-2021 6.3.11		
	12 GB/T8163 4mm 4mm $10^{8}\Omega\cdot m$ $10^{10}\Omega$ 100kV	GB50156-2021 6.3.12	4mm $10^{8}\Omega\cdot m$ $10^{10}\Omega$	
	13	GB50156-2021 6.3.13		

14		GB50156-2021 6.3.14	
15	2‰ 1%	GB50156-2021 6.3.15	2‰ 1%
16	0.4m 0.2m 100mm	GB50156-2021 6.3.17	0.5m 0.2m 0.5m
17		GB50156-2021 6.3.18	
18	6.3.12 1 2.8m/s 2	GB50156-2021 6.3.19	
19	GB/T21447	GB50156-2021 6.3.20	

20

SF

GB50156-2021

6.5.1

21

GB50108

SF

200mm GB50156-2021

500mm (6.5.2

22

100mm 4mm

200mm

SF

GB50156-2021

6.5.3

10mm 30mm

23

GB50156-2021

6.5.4

	5mm 5%			
	25 3.5mm	GB50156-2021 6.5.6	3.5mm	

5-5

1
2 2 5kg
1 5kg 1
6L 2 2
1 35kg
15m

5
2m³ 2 2m³

2

GB50140

10
5kg
1
GB50156-2021
12.1.1
35kg

2
2m³

5kg
6
GB50156-2021 2kg
12.1.2 C

	0.25m 0.25m	GB50156-2021 12.3.2		
	2	GB50156-2021 12.3.3		
	1	AQ3010-2022 4.4		
	2	AQ3010-2022 4.4		
	3 “ ” ，	XF/T 3004-2020 8.1		
	4 “ ” “ ”	XF/T 3004-2020 8.4		

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1

GB50156-2021
13.1.1

2 380/220V

380/220V
GB50156-2021
13.1.2

3

90min GB50156-2021
13.1.3
90min

4

6

GB50156-2021
13.2.8

7 380/220V TN-S
380V TN-C-S

GB50156-2021
13.2.9

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30Ω GB50156-2021
13.2.10

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GB50156-2021
13.2.11

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100Ω GB50156-2021

13.2.15

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1 GB50156-2021 1

13.2.16

	2. 1 2	GB50156-2021 13.5.2		
	3.	GB50156-2021 13.5.4		

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	1 140kw 2m	GB50156-2021 14.1.3		

	10 5.0.13 25m 3.0h	GB50156-2021 14.2.14		
	11	GB50156-2021 14.2.15		
	12	GB50156-2021 14.2.16		
	1	GB50156-2021 14.3.1		

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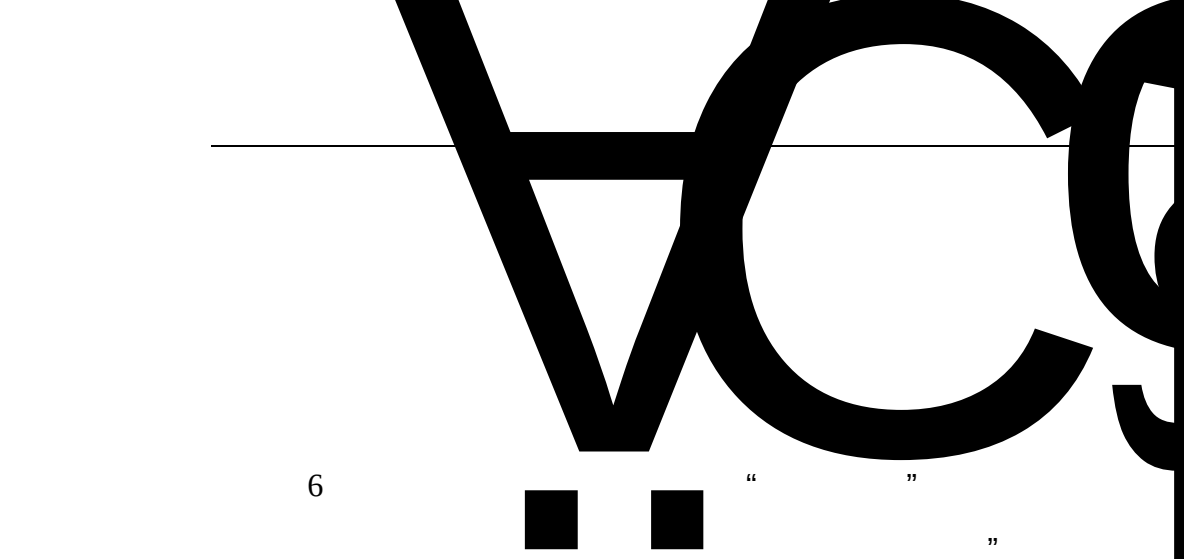

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GB50156-2021

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GB50058-2014

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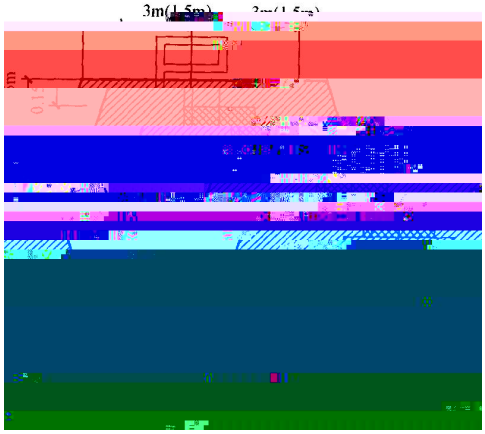

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4. 2

1 0

2 1.5m 0.5m

1

3 3m

1.5m 2

2