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2027 1 15

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6.3 "

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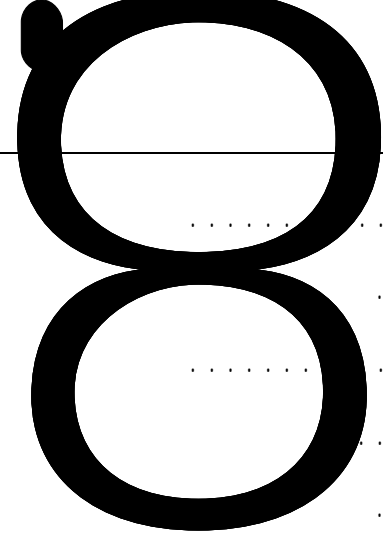
8.1

8.2

8.3

8.4

9



2 3	.....	96
2 4	.....	99
2 5	.....	108
2 6	.....	114
2 7	.....	116
3	.....	117
4	.....	518
5		





		mm	67.8
		mm	171.1
		mm	218.0
		mm	1050.2
		mm	370
		kg/m <sup>2</sup>	40
	10m	m/s	31.0
		kg/m <sup>2</sup>	60
			SE
			N
			N
		d	22.2
		d	30
		d	11
		mm	930
		month	4
			1.5
		month	6~9
		m	2.99
		m	0.5
		m	1.6
		m	-0.81
	3~8	7	1000m
		25~46d	28d
			7
			3

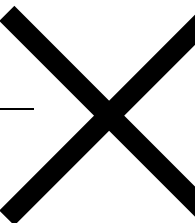
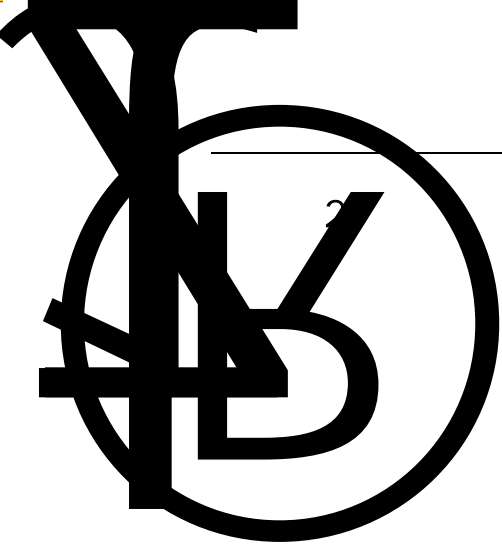
## 2.1.4

1

2.1.4-1

### 2.1.4-1

		m <sup>2</sup>	m					
1		1108.26	8.1					
2		1837	6.8					
3		369	5.5					
4		1235	5.5					
5		651.77	5.5					



			m	m		
			2.5			
1 2 5 6 10t			15	88	GB51283-2020	4.2.9
			20	200	GB51283-2020	4.1.6 5
			30	300	GB51283-2020	4.1.6 5
			30	300	GB51283-2020	4.1.6 5
			15	34.33	GB51283-2020	4.1.6 5
			10	134	GB50016-2014(2018 3.4.1	
			10	134	GB51283-2020	4.1.6 5

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2.2

2.2.1

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2.2.1-1

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2.2.1-2

2.2.1-2

2.2.2

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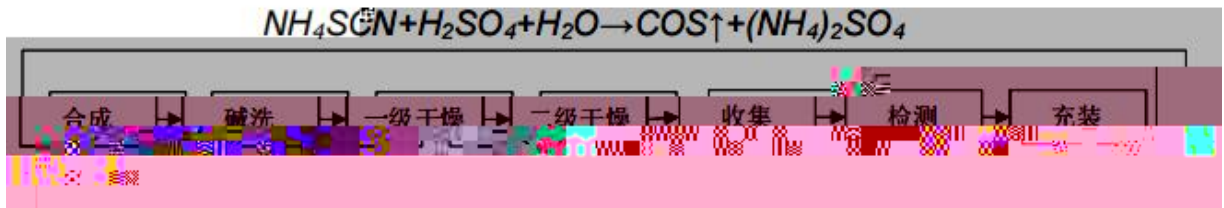
2.2.2-1

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2.2.2-2

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2.2.2-3

2.2.3

2.2.3-1

2.2.3-1

2.3

2.3.1

1

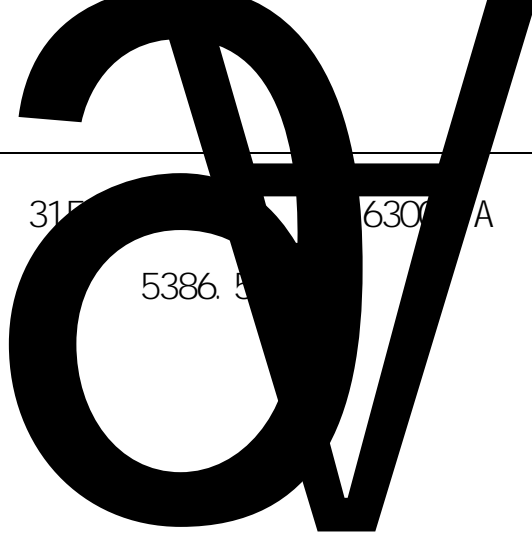
66kV

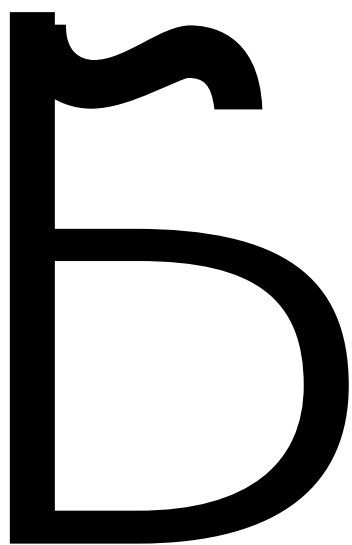
66kV

2

3150kVA

315  
5386.5  
6307 A





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1

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2. 3. 4

1

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12 /h

2. 3. 5

1

DN300

0.4MPa

486m<sup>3</sup>

2 60L/s

2 3L/s

2

30L/s

2 2L/s

2

4kW

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1

120m

12

2

3

1. 3m

2. 4m

4

2. 3. 6

1

2. 3. 7

PLC

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PLC

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2.3.8

I P65

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20mA

DCS

UPS

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2.3.11

UPS

30d

GDS

/

/

GDS

/

/

25%EL

50%EL

100%EL

200%EL

2.3.12

Exdl I CT4

Exdl I BT4

2.3.13

1

2.5km

5min

2

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27km

2.3.14

30min

2.4



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4

4. 1

4. 2

4. 3

4. 4

4. 5

4. 6

Woods

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5.1-1

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5.2-1

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5.2-1

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6.1

6.1-1

6.1-1

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6.1-2

						%			mg/m <sup>3</sup>			
	2629		, 1 A	-83.8	-81.8	2.1-80	305					
	1289		, 1 - 2* 1	-60.4	-85.5	4-46	260		10			
	1302		/ , 1A / , 1	330	10.5				2			
	2117		, 1 - 3	-50.2	-138.2	12-28.5						
	1669		/ , 1A / , 1	1390	318.4				0.5			
	172			-195.6	-209.8				/			
DMF	460		, 3 / , 2 1B	152.8	-61	2.2-15.2	445	58	10			
	137		3.1	56.5	-94.6	2.5-13	465	-20	400			

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6.2

6.2-1

6.2-1

/					
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			-		- -

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3

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6.4

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SI S

GDS

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PLC

HAZOP

HAZOP



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7.1.2

7.1.3


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N©



m'



**f**

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7.2

7.2.1

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7. 2. 1-1

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7.2.1-2

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7.2.1-3

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2024 12 30

210213-20241230-16096

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2024-1

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8.4.1

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13 36

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25ppm

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14 25

15 17

2

15 19

16 30

1ppm

18 7

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8kg

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SYP-15

SYP-15

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SYP-15

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2

SYP-15



1. 5% 10%

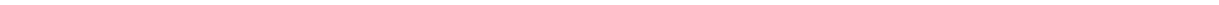
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1. 5% 10%

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30871

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DMF

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1.1-1

0.62	26.04	-80.8	-83.8	1.17g/L	=1
4460kPa(20 )	=1	0.91	6.19MPa	35.2	
	2.1%	80%		305	0.02ml

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15

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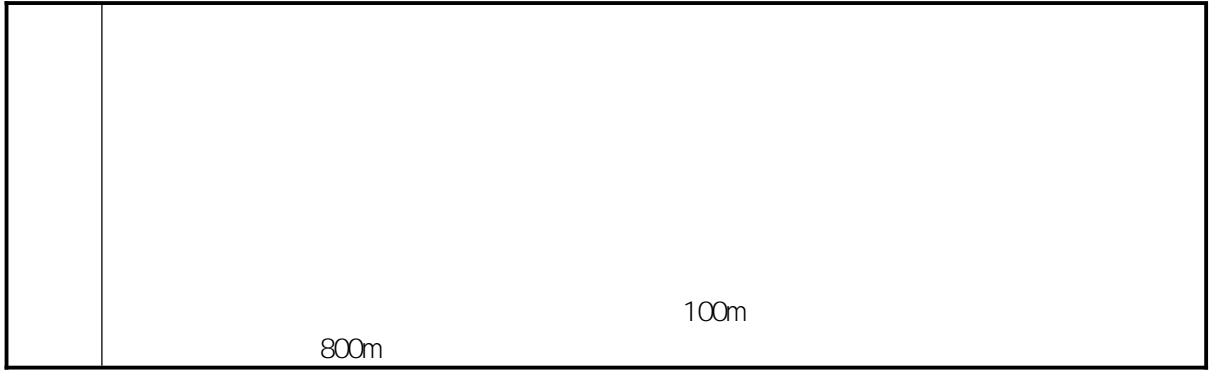
10m

0.05MPa

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10m

10 0



1. 1-2  
Hydrogen sul fi de

H<sub>2</sub>S

34.08	-85.5	-60.7	1	1.539g/L
=1 1.19	9.01MPa	100.4		2026.5kPa(25.5

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	-138.2	
	-50.2	( =1) 1.24(-87 )
	(kPa) 1204.23(21 )	( =1) 2.1
		%(V/V) 12-28.5

1. 1-6

CAS 1310

Sodiun hydroxide Caustic soda  
NaOH

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1. 1-7

acetone

C3H6O  
31025

58.08

CAS

67-64-1

-94.6

56.5

28

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1. 1-8

ni trogen

N<sub>2</sub>  
22005

28. 01

CAS

7727 37 9

	kPa 3.46 60	=1 2.51
	58	445
	%(V/V) 2.2-15.2	
	<50	
		15

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13.3KPa

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1. 2. 3.

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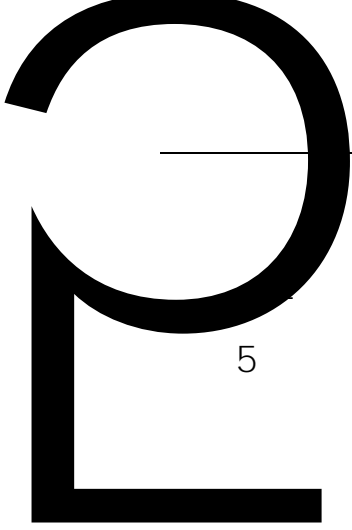
8

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1.2 9

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85dB A

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1. 2 16

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## 1.3

1.3-1

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98%

0.5%

1   m' m'

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2

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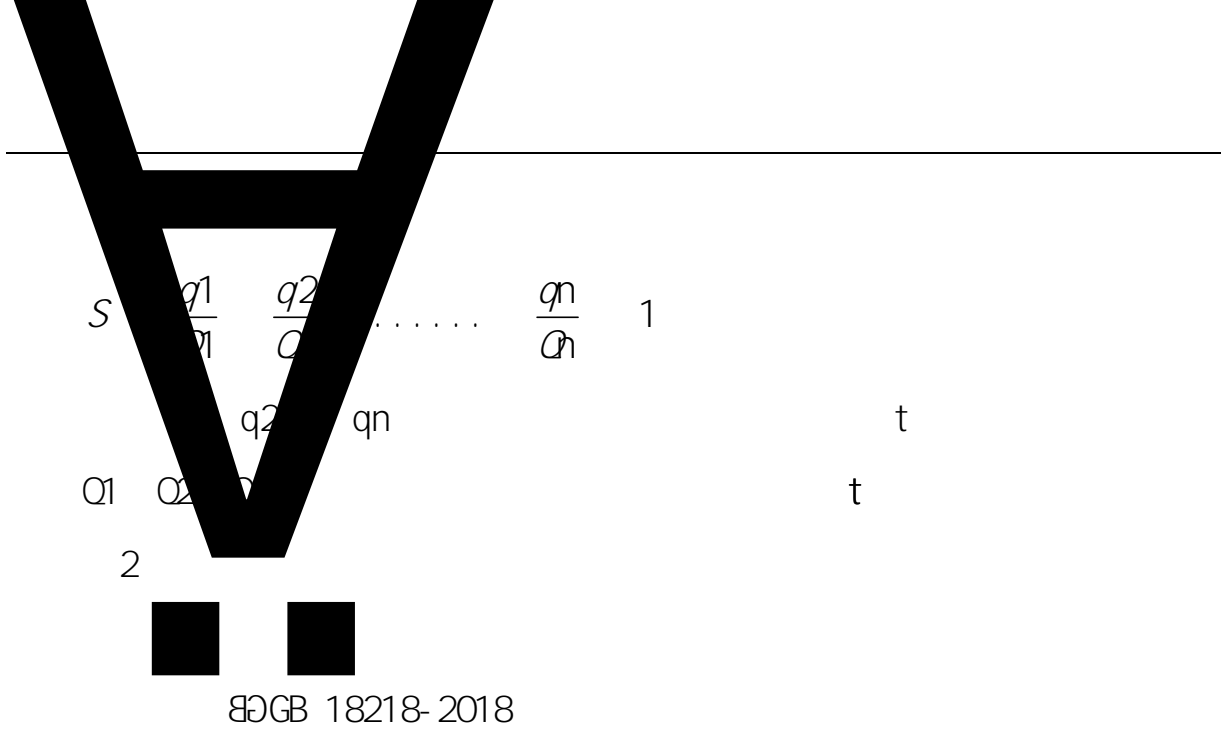
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	GB 7231		
	30	1. 2. 3. 4.	

1.4

2013

1.5



1

R

2 R

$$R = \alpha \left( \beta_1 \frac{q_1}{Q_1} + \beta_2 \frac{q_2}{Q_2} + \dots + \beta_n \frac{q_n}{Q_n} \right)$$

$q_1 \quad q_2 \quad \dots \quad q_n \quad -$

$Q_1 \quad Q_2 \quad \dots \quad Q_n \quad -$

1            n



	VØ. 2	1
	W10	1
	W11	1

4

500m

1. 5. 1-3

100		2.0
50	99	1.5
30	49	1.2
1	29	1.0
0		0.5

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3

GB18218- 2018

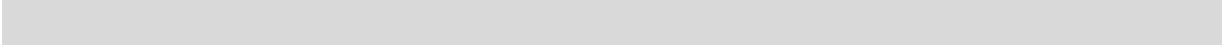
1

GB18218- 2018

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	10
	20
	20
	20

1. 5. 2-6



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50 99	1.5
30 49	1.2
1 29	1.0
0	0.5

5

R

1.5.2-8

R

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GB/T 37243-2019

4.4

4.2

4.3

## 1.6.2

1

### 1.6.2-1

#### 1.6.2-1

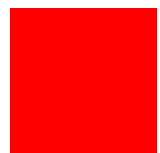
10

<30

100

$1 \times 10^{-5}$

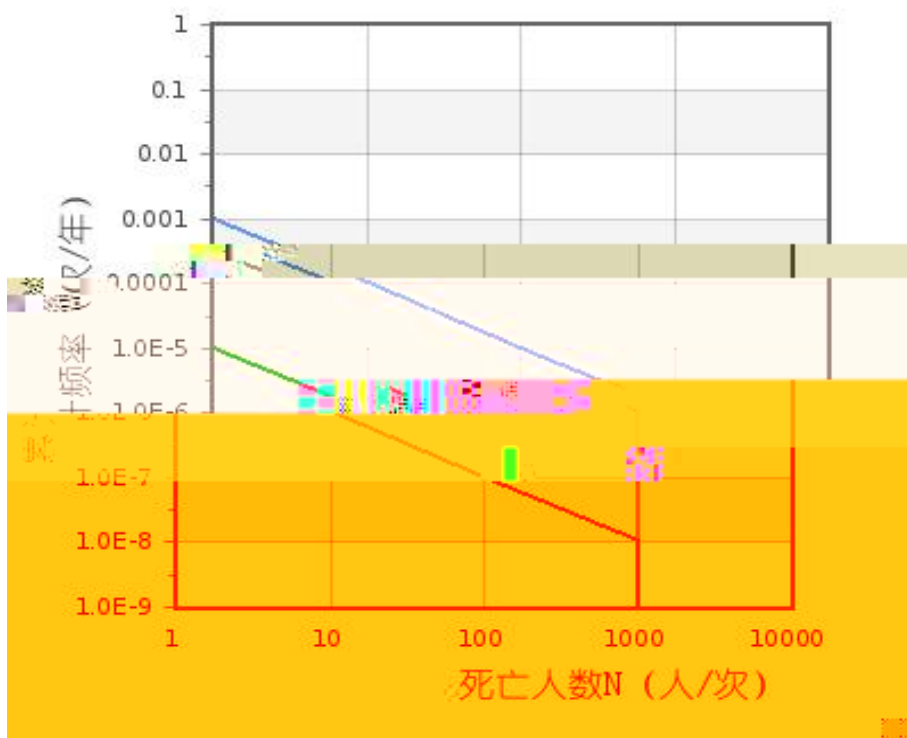
$3 \times 10^{-5}$



10



标准名称：中国：《GB36894-2018》



1.6.2-2

F-N

1.6.2-3

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1. 6. 4

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3.2.4

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4.3.2

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GB50016  
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5.5.7



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23		6.4		

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3.3.4

			4.2.4	
7			4.6.1	
8			4.6.2	
9			5.2.2	
10			5.6.1	
11			5.6.2	
12			5.6.3	
13			5.6.4	
14		15 m GB 5749	5.6.5	
15	3	GB289	6.1.1	
16		GB 2894 GBZ 158	6.2.1	

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	1 120% 2 GB/T20801.3	3		
25			5.7.3	
26			5.7.4	
27	8m	3m	5.7.5	
28	1 B A 2 3 4 5 / 6 7 8		5.7.7	

29		5.8.1		
30	1 2 3 4	5.8.3		
31	GB/T 50493 GB 50058	5.8.4	GDS	
32	a b c d	4.1.1		
33	a) b)	5.1		

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44

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4. 5. 1

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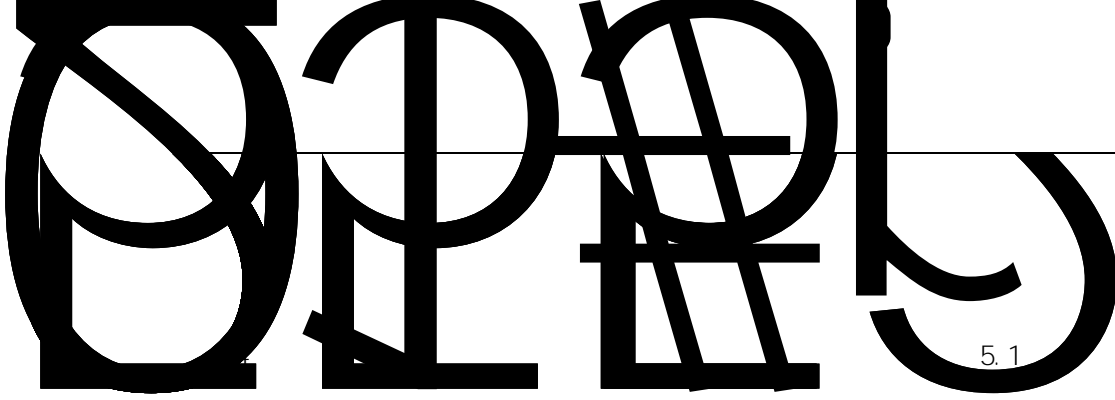
4. 5. 4

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7. 2. 4. 3

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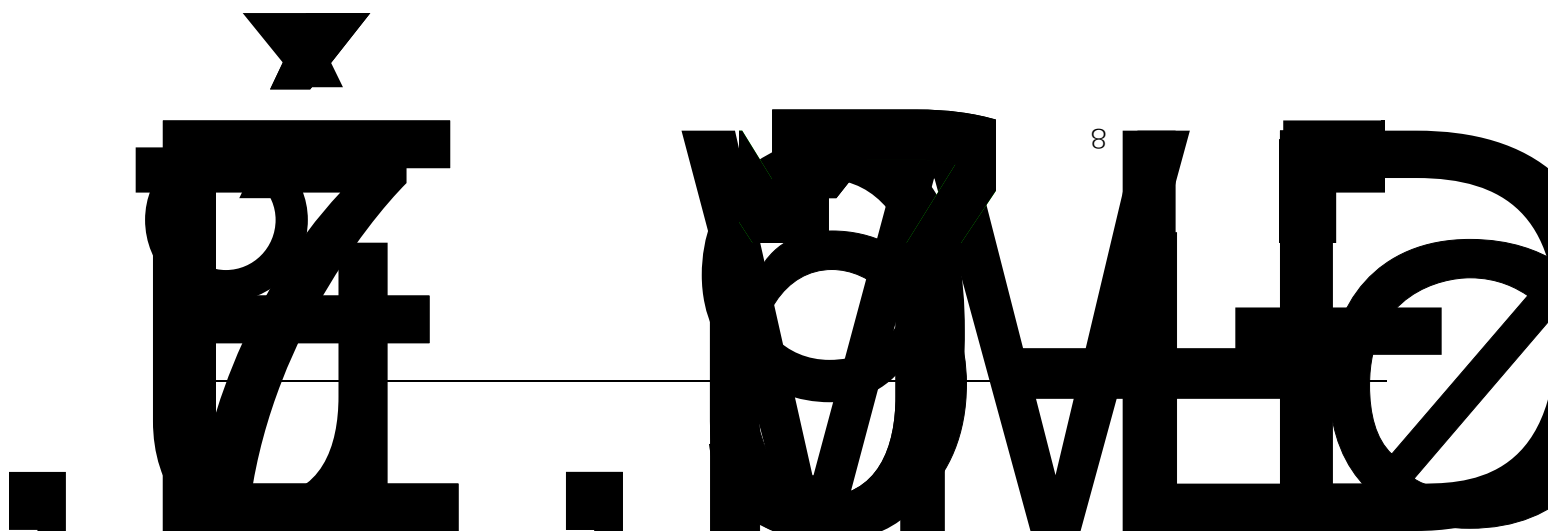
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## 2.3

### 2.3-1

#### 2.3-1

1	15m	5.6.5		
2	1 : 2 , 3 ,	4.5.2		
3		6.2		
4		7.1.6		
5		7.2.1		
6		7.2.4		
7		7.2.5		
8		7.2.7		
9		8.2.1		
10		8.2.2		



			5.4	
22	GB50016		5.8	
23			6.2.1	
24	3m		6.2.3	3m
25	1m 0.5m	0.3m 0.5m	6.8	0.5m
26			8.6	
27			8.11	
28			10.1	
29	1 2 3		7.1.2	
30	GB50351 GB51283 GB 50016		7.2.3.1	GB51283 GB 50016
31			9.1.15	

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4.2.1

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4.2.2

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3		3. 3. 4
4		4. 1. 1
5		4. 2. 1
6		6. 1. 1
7		2018 3. 3. 8
8		2018 10. 3. 3
9	a	4. 2. 1
10		5. 2. 3
11		

		7.5.2	UPS	
16	BPCS GDS S I S UPS 30 min  3h	7.5.6	UPS EPS  3h	
17		7.5.8		
18		3.0.8		
19		4.1.4		
20		4.1.1		
21	1 1) 2) 3) 4) 2  1	4.1.2		

22	TN TN -S	6.1.2	TN-S	
23		2022 4.2.1		
24		2022 5.4.2		
25		3.4.1		
26		4.3.1		
27		5.1.2		
28	TN TN-S	5.4.1	TN-S	
29		3.0.1		
30		10.0.5		
31				

		10.0.7		
32		12.0.1		
33		12.0.5		
34		5.1.1		
35	1	7.1.3		
36	30mi n	11.1.3		
37	30mi n	3.2.4	30mi n	
38		2018 8.1.2		
39		4.1.5		
40	10L/s 320L/s	5.1.4	10L/s	
41		5.1.10		
42		5.1.12		
43				

	150. 0m	7. 3. 2		
	10L/s 15L/s			
44		7. 4. 3		
45		7. 4. 7		
46		6. 1. 2		
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49	20m n~30m n 30l x~50l x	100l x 3. 5. 6		
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