
2015 1674 60

2022 8 2023 1 1 1674

BSG

1.

1.1

1.2

4

1.2.1.

2

23

2015

[2015]80 2015 8 19

24

2020 1 2020 5

36

2018 21

2018 8 31

1.2.2.

24		AQ 3018-2008	
25		GB30871-2022	
26		XF/T 3004-2020	
27	-		SH/T
3178-2015			
28	GB/T 13869-2017		
29	AQ 8001-2007		
1.2.3.			
1			

e

	8.3
	35.2
	-28.2
	28.2
	-15.7
2	
	70.5%
	82%
	54%
3	
	101.6Kpa
4	
	658mm

┌──────────┐

2-1						∞		m	
					5.5	23			
				-	-	-			
				-	-	-			
	1				10.5	26			
	2			10.5	32.4				
	H=6m			5	25				
				7	29				
H=6m	-		5	31.3					
					5	23			
				-	-	-			
				-	-	-			
	1				10.5	38			
	2			10.5	44.8				
	H=6m			5	36.6				
				7	40				
H=6m	-		5	39.2					
					5	17			
				-	-	-			
				-	-	-			

1	10.5	28.5
2	10.5	33.4
H=6m	5	27
	7	

	H=6m		-	5	39.2
				3	17
			-	-	-
			-	-	-
	1			9	40
	2			9	43.6
	H=6m			5	38.5
				6	27.2
	H=6m		-	5	26

2-2				m										
	0.5	0.5	0.5	0.5	-	-	-	-	-	-	-	-	-	-
	0.5	0.5	0.5	0.5	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	3	11
	-	-	-	-	-	-	-	-	-	-	-	-	2	11
	4	18.7	3	23.8	4	28	3.5	28	5	10	4	20	5	16
	2	4	2	4	2	3.6	2	3.6	-	-	-	-	-	-

2.4

2-3

2-3 ∞

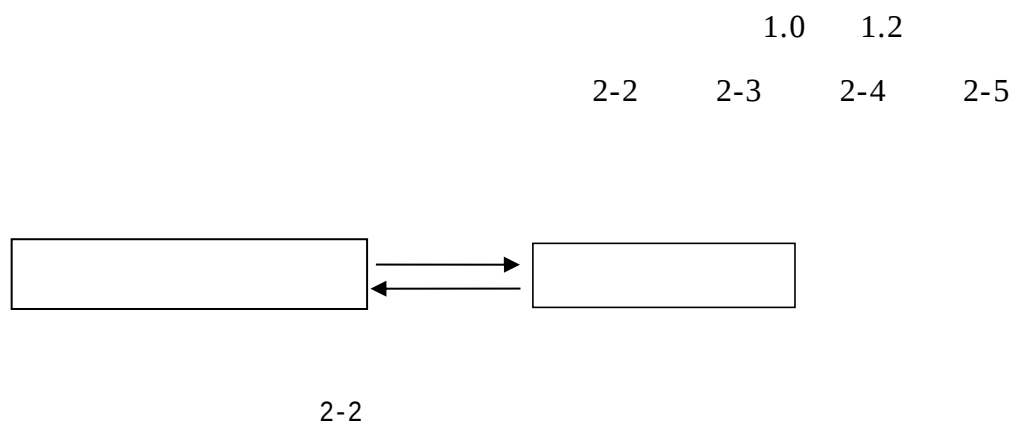
1			152m ²			
2			51m ²			H=6m

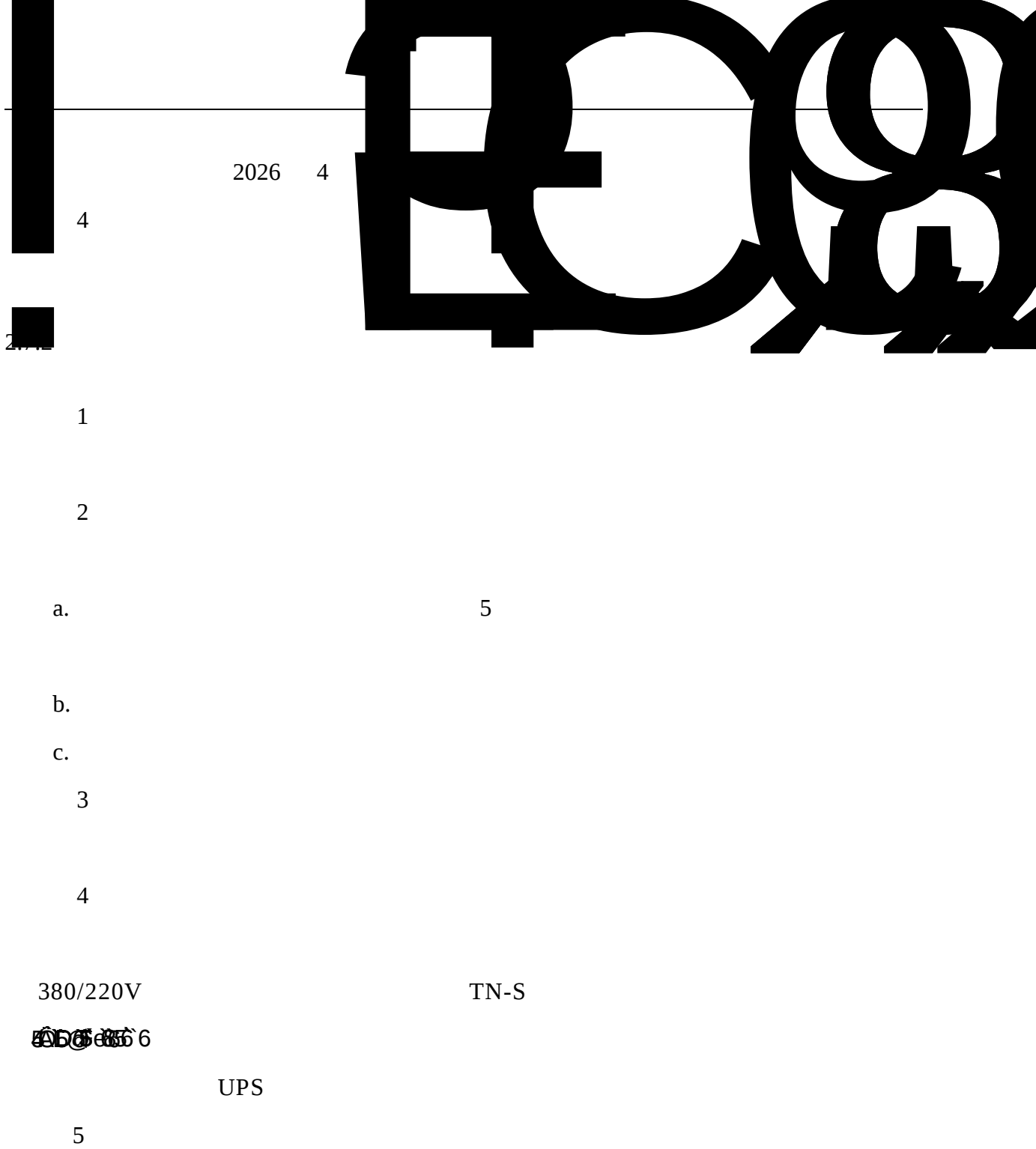
2-4

2-4

1	2	30m ³	-	SF
---	---	------------------	---	----

2.6





8kg

2

5kg

CO₂

8

35kg

2

8kg

2

3m³

7

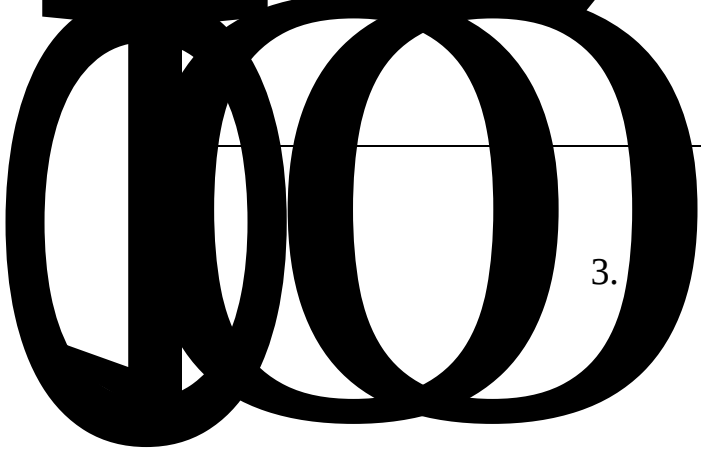
10

4

4

4m 2

3m



3.

∞



3.1

3.1.1

GB18218-2018

1

2

3.1.2

1

2

$\mathbb{D}$

$$S=q_1/Q_1+q_2/Q_2$$

$$\frac{Q_1}{3} + \frac{Q_2}{3} + \dots + \frac{Q_n}{3} \leq t$$

3.1.3

$$23 \leq 60 \quad 3-1$$

3-1		
1		200t
2		5000t

$$\frac{45t}{60m^3} + \frac{53.4t}{5000t} = 0.75 + 0.01068 = 0.76068$$

$$S = 45/200 + 53.4/5000 = 0.23568 < 1$$

$$3.2 \quad \infty$$

$$3.2.1 \quad \infty$$

$$\frac{1}{1630} + \frac{2}{1B} = \frac{1}{1630} + \frac{2}{2} = \frac{1}{1630} + 1 = 1.00061$$

$$\frac{95}{98} + \frac{3}{E10} = \frac{95}{98} + \frac{3}{92} = 0.96939 + 0.03261 = 1.002$$

5

1

30

2

3

1000m³

1

2

()

()

0.5m³

100mm

3

4

GB 7231

5

15min

400

50m

300m

0 4.

			5	0	-10		60	-20
50	-35	-50				45		

3.2.2

∞

3.3

∞

3-2

3-2

1

6			

3.3.1 ∞

1

3

3.3.3

3.3.4

3.3.5

3.3.6

3.3.7

1

2

4.

4.1

1

W

270

5. ∞

8

5-1

∞

3

8
9
10
11

12
13
14
15
16
17
18
1
2
3

5-3

	1	GB50156-2021 3.0.4		
	2 GB50156 3.0.9	GB50156-2021 3.0.9	30m ³	
	3	GB50156-2021 3.0.25		
	4	GB50156-2021 3.0.27	10	
	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%	8m 8%	
	3	GB50156-2021 5.0.3		
	4	“ ” “ ”	GB50156-2021 5.0.5	
	5	3m	GB50156-2021 5.0.6	

	12 GB50156 5.0.13-1	GB50156-2021 5.0.13	2-2 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	

	11	GB50156-2021 6.1.13		
	12	GB50156-2021 6.1.14		
	13 90% 95%	GB50156-2021 6.1.15		
	14 0.8L/h	GB50156-2021 6.1.16		
	15 SH 3022	GB50156-2021 6.1.17	SF	
	1	GB50156-2021 6.2.1		
	2 50L/min	GB50156-2021 6.2.2	5-50L/min	
	3	GB50156-2021 6.2.3		

4

GB50156-2021

6.2.4

5

GB50156-2021

6.2.5

▼

1

GB50156-2021

6.3.1

2

GB50156-2021

6.3.2

3

GB50156-2021

6.3.3

4

100mm

GB50156-2021

6

94
4000%

GB50156-2021

6.3.8

50mm

45°

100mm

45°

Å

150mm

150mm

100mm

T

200mm

9

4m

2m

GB50156-2021

6.3.9

4mm

$10^8 \Omega \cdot \text{m}$

$10^{10} \Omega$

100kV

17

GB50156-2021

6.3.18

18

100mm

4mm

6.5.3

200mm

10mm 30mm

23

5-5

1
2
1 5kg
6L 2 2 1

		AQ3010-2022 4.4		
	2	AQ3010-2022 4.4		
	3	XF/T 3004-2020 8.1		
	4	XF/T 3004-2020 8.4		

5-6 ∞ ∞

	1	GB50156-2021 13.1.1		
	2	380/220V GB50156-2021 13.1.2	380/220V	
	3	90min GB50156-2021 13.1.3	90min	

	4	4.5m 4.5m 3m	5m	GB50156-2021 13.1.4		
	5			GB50156-2021 13.1.5		
	6	LPG LNG CNG		GB50156-2021 13.1.6		
	7	GB50058		GB50156-2021 13.1.7		
	8	IP44		GB50156-2021 13.1.8	IP44	
	1 2			GB50156-2021 13.2.1	2	
	2		4	GB50156-2021 13.2.2		
	3	LPG		GB50156-2021 13.2.4		



0.65mm

0.5mm



10				
	5		GB50156-2021 13.2.12	
11				
			GB50156-2021 13.2.13	
12				
			GB50156-2021 13.2.14	
13				
100Ω			GB50156-2021 13.2.15	
14				
		1	GB50156-2021 13.2.16	1
1				
			5.0.1	
2				
			5.0.5	

3

5.0.8

1

GB50156-2021

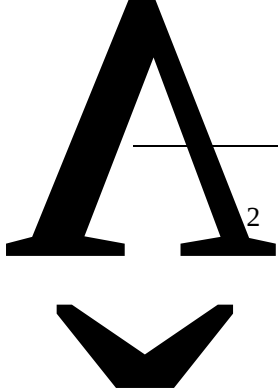
13.5.1

2.

1

2

5-7



0



0

	7 B GB50016	GB50156-2021 14.2.11	B	
	8 3h	GB50156-2021 14.2.12		
	9	GB50156-2021 14.2.13		
	10 25m 5.0.13 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		

5-8

	“	”		

20

20

11

9

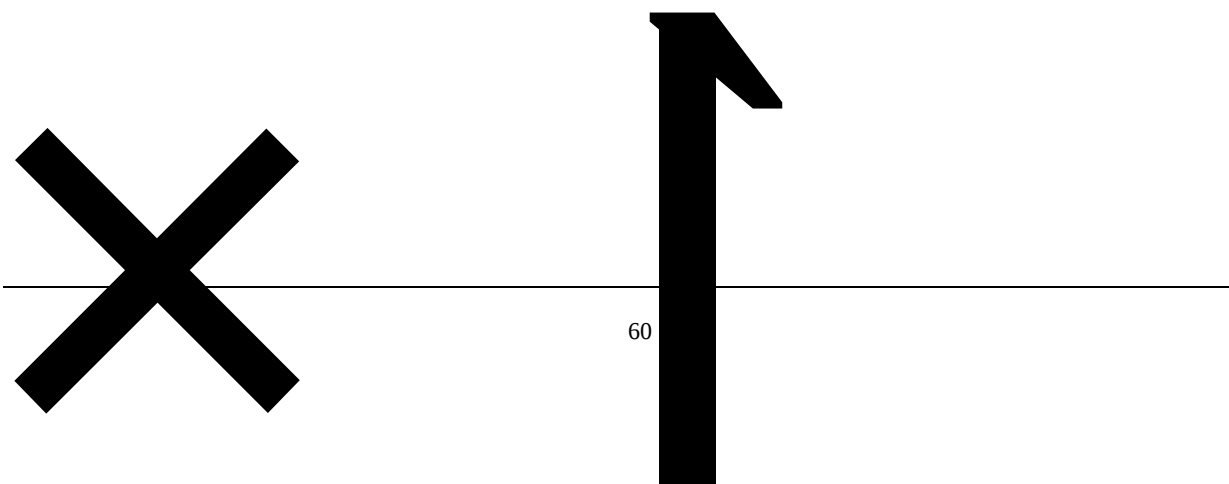
5-9

	5	5	0	0
	31	31	0	0
	22	17	0	5
	45	38	0	7

6

7

8



1.

GB50058-2014

1 0

2 1

3 2

2.

1

3.

1

1

1

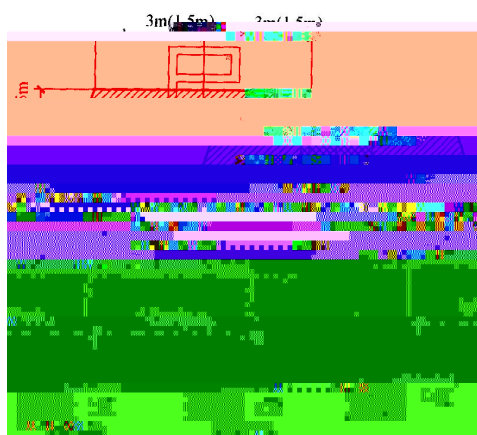
2

4.5m

0.15m

3m

2



1

4.

2

1

0

2

1.5m

0.5m

1

