15

2015

X ϐί ø ” ´

1.

1.1

1.2

1.2.1.

1 2021 9 1

2 2021 4 29

3 2014 9

2015 1 1

4 591 2013 12 7

645

5 708 2019 4 1

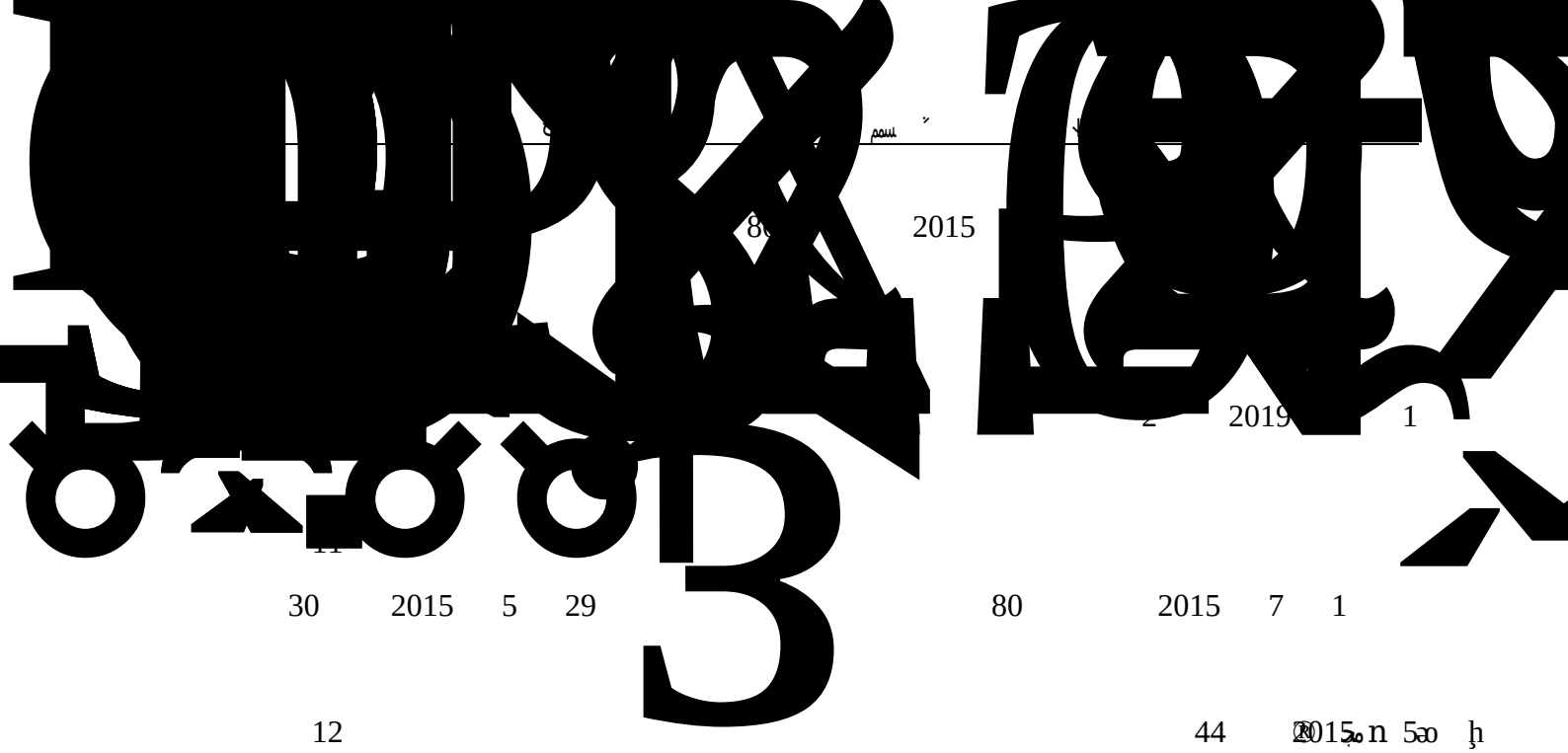
6 2025

14 34 2025 5 28

7 103

2022 11 9

8 3 2015



80 2015

2019 1

30 2015 5 29 80 2015 7 1

12 44

29 80 2015 7 1

13 55

2015 3 23 79 71 1

15

2025 6 2025 05 07

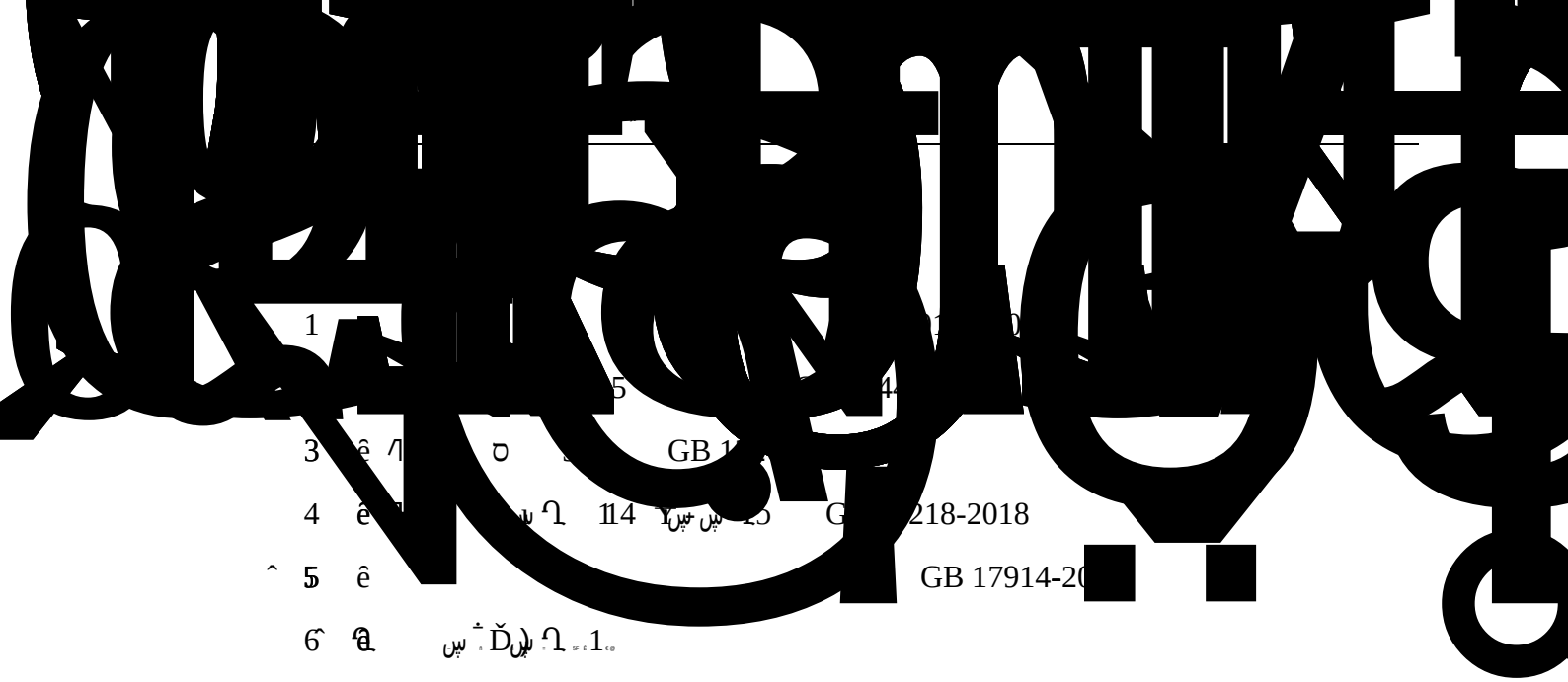
16 <

< > 2021 12 2021 12 31

17

2

X ئھ ⌀ ˝ ´



3178-2015

28 GB/T 13869-2017

29 AQ 8001-2007

1.2.3. ї̋

1 2005 4

2 2002

11

3 2003 7

1.3 ̀Н м نهٔ

1

2

3

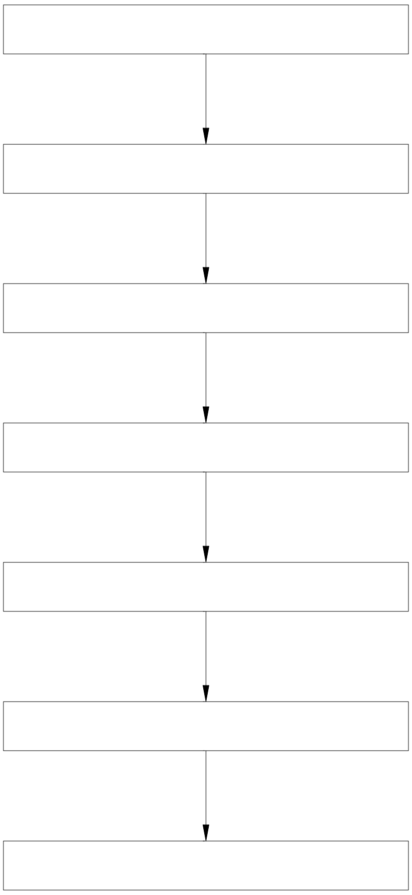
4

5

1.4 ̀Н м

1-1

= İ א p ضخ



ﺑﻢ 1.4-1 м ɟ Ι ̀Y ΰ

2.2

1

8.3

35.2

-28.2

28.2

-15.7

2

70.5%

82%

54%

3

101.6Kpa

4

658mm

5

4.6m/s

25.7m/s

6

23.4d

7 15.0cm

1.17m

8

7

0.10g

2.3

17m

X, بئ

2.3-1

			-	5	32
				5.5	42.6
			-	-	-
			-	-	-
			-	-	-
			-	5	40.5
				5	50
			-	-	-
			-	-	-
			-	-	-
			-	5	16
				5	26.6
			-	-	-
			-	-	-
			-	-	-
			-	5	32
				3	42.6
			-	-	-
			-	-	-
			-	-	-
			-	5	40.5
				3	50
			-	-	-
			-	-	-
			-	-	-
			-	5	5
				3	15.6
			-	-	-
			-	-	-
			-	-	-

2-2

0.5	0.6	0.5	0.6	-	-	-	-	-	-	-	-	-	-
0.5	0.6	0.5	0.6	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	3	7.5
-	-	-	-	-	-	-	-	-	-	-	-	2	7.5
4	17	3	23	4	23	3.5	23.3	5	18.5	4	18.5	5	21

2.4

2.6-3

2.6-4

2.7

2.7.1

1

2.7.2

1

2

a. 5

b.

c.

3

4

TN-S

UPS

5

5

6

5 8kg 8 5kg CO_2

4 35kg 2 $2m^3$

7

3.

3.1

3.1.1

GB18218-2018

1

2

3.1.2

1

2

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

S——

q_1 q_2… q_n——

3.1-1

3.1-1

1	200t
2	5000t

0.813MPa

,

,

:

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

:

:

1

2

3

4

1.5

5

1 30

2

3 İ ﺡ

1000m^3

1

2 ŋ Ď ﺧﻪ ﻌ 3

ƱŐ Ò@

#û #' X Ò9 P #' ÞYà »#A

u

5 0 -10 60 -20

50 -35 -50 45

15min

3.2.2

-35# 0#

3.3

3.3-1

3.3-1

1			
2			
3			
4			
5			
6			

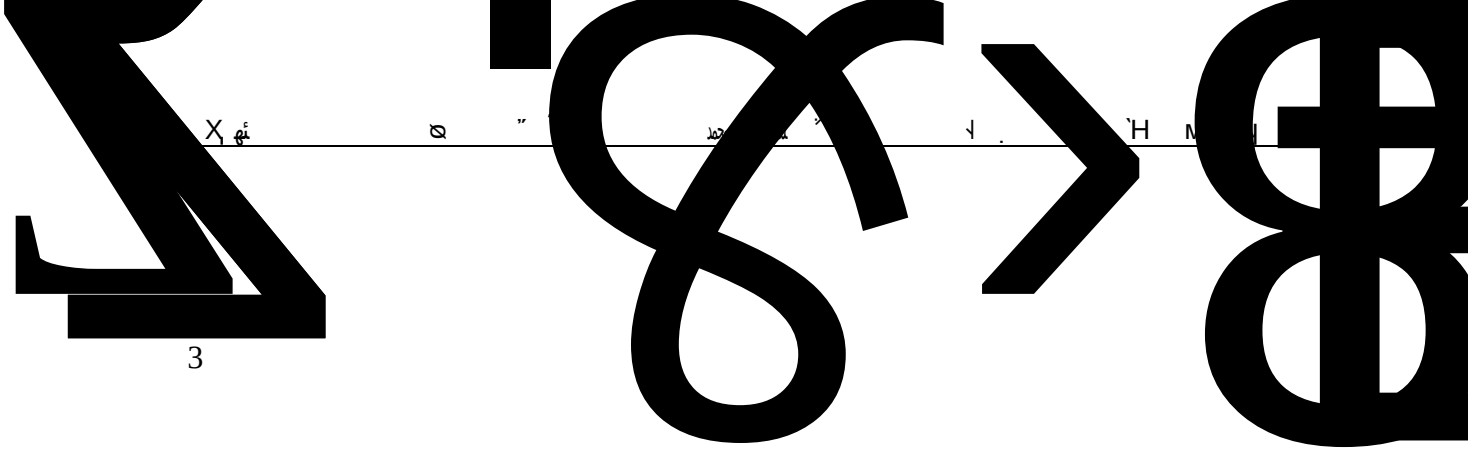
3.3.1

1

70m

6 46

2



3

4

3.3.2

1

İ

3

3.3.3 N

3.3.4 Ҳ م

3.3.5 φ ₵

3.3.6 ﻄﻪ

3.3.7 ̀I ל ᴺ

1

2

4. м ᚳ ῷ ғ м

4.1 м ᚳ ῷ ↔ ɟ

8

1

2

3

4

5

6

7

8

4.2 м

5. ɭ м

8

8

9

10

11

12

13

14

15

16

17

18

1

2

3

1

1

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	

4.0.4

4.0.4

4

GB50156-2021

4.0.12

5

GB50156-2021

4.0.13

1.2m³

100mm 1.2m

6

GB50156-2021

(5.0.7

7

GB50156-2021

5.0.8

8

GB50156-2021

300m²

5.0.9

9

4.0.4

GB50156-2021

“ ” 5.0.10

“ ”

10

GB50156-2021

5.0.11

11

2.2m

4.0.4 1.5 25m

	12 GB50156 5.0.13-1	GB50156-2021 5.0.13		
	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

$10^9\Omega$

$10^9\Omega$

SF

GB50156-2021

6.1.7

A=0.04Vt

6\.

SF

11.2

GB50156-2021

6.1.8

SF

7

GB50156-2021

6.1.9

8

80mm

SF

4mm

GB50156-2021

6.1.10

9

GB50156-2021

11

GB50156-2021

6.1.13

12

4

GB50156-2021
6.2.4

5

GB50156-2021
6.2.5

1

GB50156-2021
6.3.1

2

GB50156-2021
6.3.2

	5	GB 50156-2021 6.3.5		
	6	GB50156-2021 6.3.6		
	7 50mm 1.0 1.2 25mm	GB50156-2021 6.3.7	50mm 25mm	

50mm 100mm

45° T

150mm 200mm

200mm

17

	100mm 4mm 200mm 10mm 30mm	6.5.3		
	23	GB 50156-2021 6.5.4		
	24 6.3 5mm 5%	GB50156-2021 6.5.5		
	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

4

GB50156-2021

4.5m 5m

13.1.4

4.5m

3m

		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				

NÁ

12

5

4

GB50156-2021

14.2.7

5

GB50156-2021

14.2.9

[redacted]

$300m^2$

[redacted]

	12	GB50156-2021 14.2.16		
	1	GB50156-2021 14.3.1		

5-8

	“ ”			

w

5-9

	5	5	0	0
	31	31	0	0
	22	17	0	5
	45	39	0	6
	8	8	0	0
	28	26	0	2
	16	11	0	5
	20	10	0	10
	175	147	0	28

5-9

175 28 147

1		8kg	5kg 4	4
2		35kg	1	2
		8kg	-	2
			$2m^3$	$2m^3$
			5	5
3		5kg CO_2	-	4
		8kg	-	2

6. ̀Н

1

6 “ ” “
”

7

8

9

10

X ꞵ ∅

Е ˊ ` Y ӏ И ӈ ↔ Ғ

1.6ex

3 3m

1.5m 2

بم 2 ʎ ˧ Ѵ ↔ Ⅎ

5. 3

1 0

2 1.5m 0.75m

0.5m 1

3 1.5m 1m

3m 2m 1.5m

2

4 1

1m 1.5m 2

بم 3 غي نجي 1 Ү

1

2

3

4

5

6

7

8

9

10

11