

# 地块土壤污染状况 调查报告 (正本)

州环投控股有限公司

州华清环境监测有限公司

2022年2月



48012.42m<sup>2</sup>

313

113.264167

23.079972°

G1

B1

G1

B1

313

48012.42

m<sup>2</sup>

11

G1

B1

GB 36600-2018

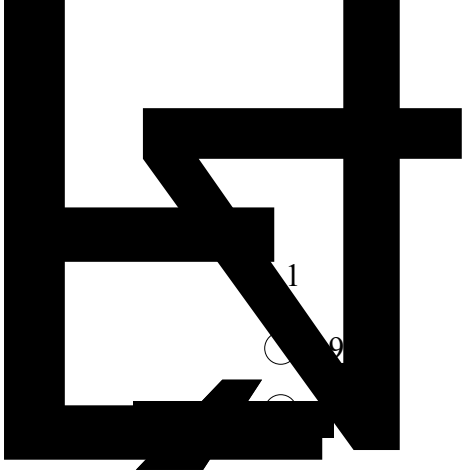
2009 19

“

”

2020 67

GB/T 14848-2017



50

1968 11 -1969

1969

1976

1982

,@ñ0 Qx... P

1983  
^° \$ P Y H'α

1

1

1994 ^° \$ P Y H'α 26 11

+

X H W

E  
1999  
-2018  
Ä  
K<  
G

2  
-2015  
( )

1961

199

2018

15 -2018

O

1978

1978-19

1999-2008

2008

1970

1970-2000

2000 -2014

2014

11

~  
Ä

3  
KQ

Ä

C<sub>10</sub>-C<sub>40</sub>

Ä

Ä

C<sub>10</sub>-C<sub>40</sub>

41

1171.02 m<sup>2</sup>/

129m

689m

1

2

2021 08 09 8 20

2021 08 25 ~ 08 26

2

129m

689m

pH

45

C<sub>10</sub>-C<sub>40</sub> 2,4-

6

8

10

7

3

C<sub>10</sub>-C<sub>40</sub>

41

GB 36600-2018

pH

45

C<sub>10</sub>-C<sub>40</sub> 2,4-

6

8

10

.

-1,2-

C<sub>10</sub>~C<sub>40</sub>

2-

2,4,5-

2,4,6-

2,4-

2,4-

S5

S6

S7

S8

S24

S33

		8		8		
		2		12		1
11		3		12		6
		16				C <sub>10</sub> -C <sub>40</sub>
			4-	2,4-		[a] [b]
						C <sub>10</sub> -C <sub>40</sub>
			W2		4-	W3
	4-		W8			
					G1	B1

GB36600—2018

GB/T14848-2017 IV

4-

---

	.....	II
	.....	VII
1.	.....	1
1.1.	.....	1
1.2.	.....	1
1.3.	.....	2
1.3.1.	.....	2
1.3.2.	.....	3
1.4.	.....	3
1.5.	.....	4
1.6.	.....	5
1.6.1.	.....	5
1.6.2.	.....	6
1.6.3.	.....	7
1.7.	.....	8
2.	.....	10
2.1.	.....	10
2.2.	.....	11
2.2.1.	.....	11
2.2.2.	.....	11
2.2.3.	.....	12
2.2.4.	.....	12
2.2.5.	.....	12
2.2.6.	.....	13
2.3.	.....	14
2.3.1.	.....	14
2.3.2.	.....	17
2.4.	.....	18

---

2.4.1.	.....	18
2.4.2.	.....	18
2.5.	.....	19
2.5.1.	.....	19
2.5.2.	.....	19
2.6.	.....	21
2.6.1.	.....	21
2.6.2.	.....	21
2.7.	.....	21
2.8.	.....	22
2.9.	.....	22
3.	-	23
3.1.	.....	23
3.2.	.....	23
3.2.1.		

I.....



---

4.3.2.	.....	39
4.3.3.	.....	39
4.4.	.....	40
4.4.1.	.....	40
4.4.2.	.....	43
4.5.	.....	45
4.6.	.....	45
4.6.2.	.....	46
4.6.3.	.....	48
4.7.	.....	53
4.7.1.	.....	53
4.7.2.	.....	53
4.7.3.	.....	54
5.	.....	55
5.1.	.....	55
5.1.1.	.....	55
5.1.2.	.....	56
5.2.	.....	57
5.3.	.....	57
5.3.1.	.....	57
5.3.2.	.....	57
5.3.3.	.....	60
5.4.	.....	62
5.5.	.....	65
5.6.	.....	66
6.	.....	68
6.1.	.....	68
6.1.1.	.....	6..

---

6.2.	.....	73
------	-------	----

---

# 1.

## 1.1.

48012.42 m<sup>2</sup>      313  
G1                      B1

## 1.2.

[2011] 63                      313                      48012.42 m<sup>2</sup>  
11  
G1                      B1  
2012 140  
2013 7  
2014 66                      2016  
145                      2017

---

2018 8

2021 06

---

1.3.2.

1

2

3

1.4.

313

1.4-1

48012.42 m<sup>2</sup>

11

---

1.5.

25.1-2019 HJ  
(HJ 25.2-2019)

HJ 25.3-2019

2017 72

1

DB4401/T 102.1-2020

-

-

1

——

1

2

GPS

/

3

---

4

2

1

2

1.6.

1.6.1.

1

2015 1 1

2

2019 1 1





---

7					
			2015	115	
8					2016 26
9					2017 13
10					
	2017	185			
11					
	2018	26			
12					2018 11
29					
13			2019		
	2019	4		2019	6 13
14					
	2020	3	5		

1.6.3.

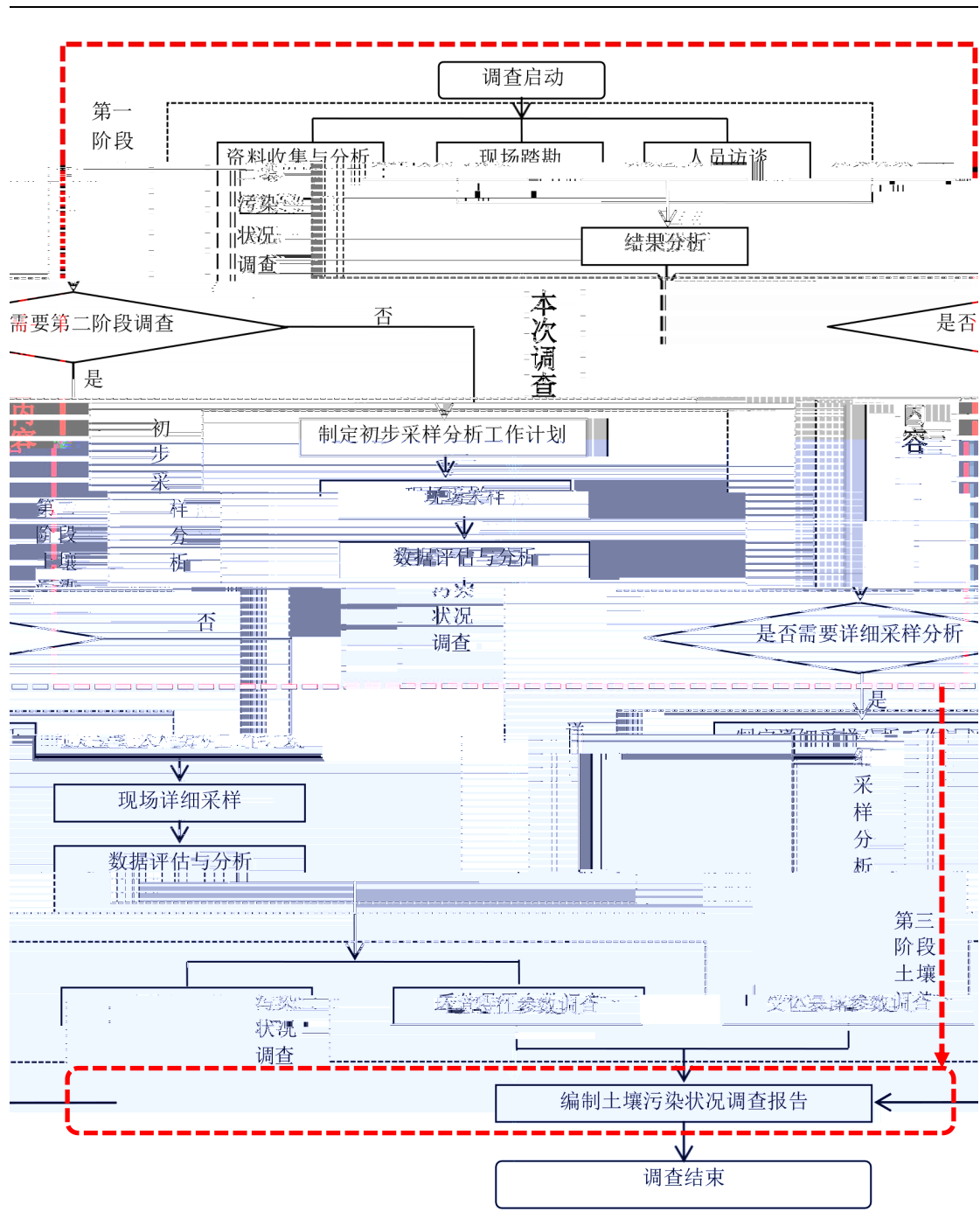
1				
	GB36600-2018			
2			GB/T14848-2017	
3				HJ25.1-2019
4				HJ25.2-2019
5				HJ25.3-2019
6			1	DB4401/T
102.1-2020				
7			3	
	DB4401/T	102.3-2020		
8			4	
	DB4401/T	102.4-2020		
9				HJ/T166-2004
10				HJ 164-2020

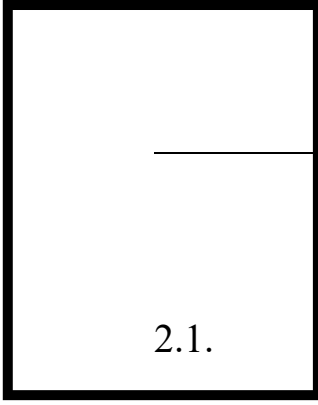
---

11			HJ1019-2019
12		GB50021-2001	2009
13			2019 9
14			2014
11			
15			
			2018 173
16			2017
72			
17			
18			GB50137-2011
19			
		2020	67

1.7.

1.7-1





**b**<sub>2</sub>

2.1.

112 57 ~114 3

22 26 ~23 56

113 14 ~113 23

23 3 ~23 16

---

2.2.

2.2.1.

	1~2	21.8	7	28.4	
0	38.7	1700	4~9		80.4%
4~6	7~9			78.5%	
		29.3%	1.9 /	1825	
	4570	/	800		1650
	6	208			

2.2.2.

			3	
				0.39
25				
	7000			
	40			



4~9m,

12~18m

2.2.3.

2.2.4.

	90.40			
	2019	18		
2019		172.42	1.8%	106.73
	0.9%	10911	10.14	7.08
	3.06	97.22%		2020
11 1		1819037		

2.2.5.

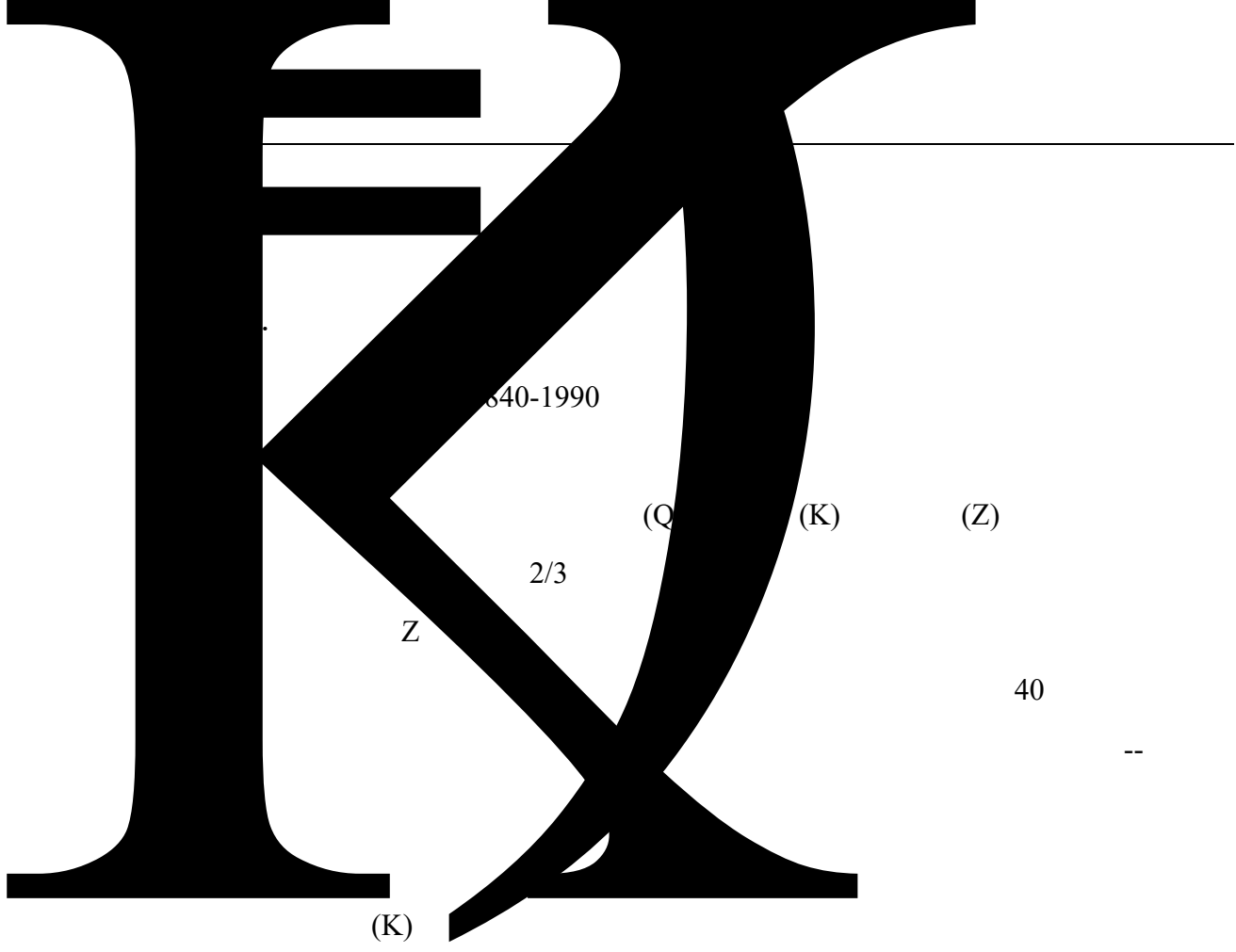
2019		1935.12		
7.6%	6.1%	6.2%	6.8%	
	1.54	10.7%		397.27
10.1%		1536.31	6.9%	

---

0.1:20.5:79.4			GDP	53.2%	21.41
/	GDP	11.32			
2020			2086.93		2.8%

2.2.6.

2019				21.73%	
					1200
					18
				4866	
		1	4		2
	4913				



( 20~45 )



---

(Q)

a.

1) 40 20

51.2

2)

b.

© » κ λ μ

ξ



:

a.

19

40

~55

b.

600

40 ~45

20

---

c.

54

300

d.

, 340 ~350

11

1300m

2.3.2.

F-49-[12]

K<sub>2</sub>

56-451 / Cl-Na.Ca

2.99-13.38 /

:

N S

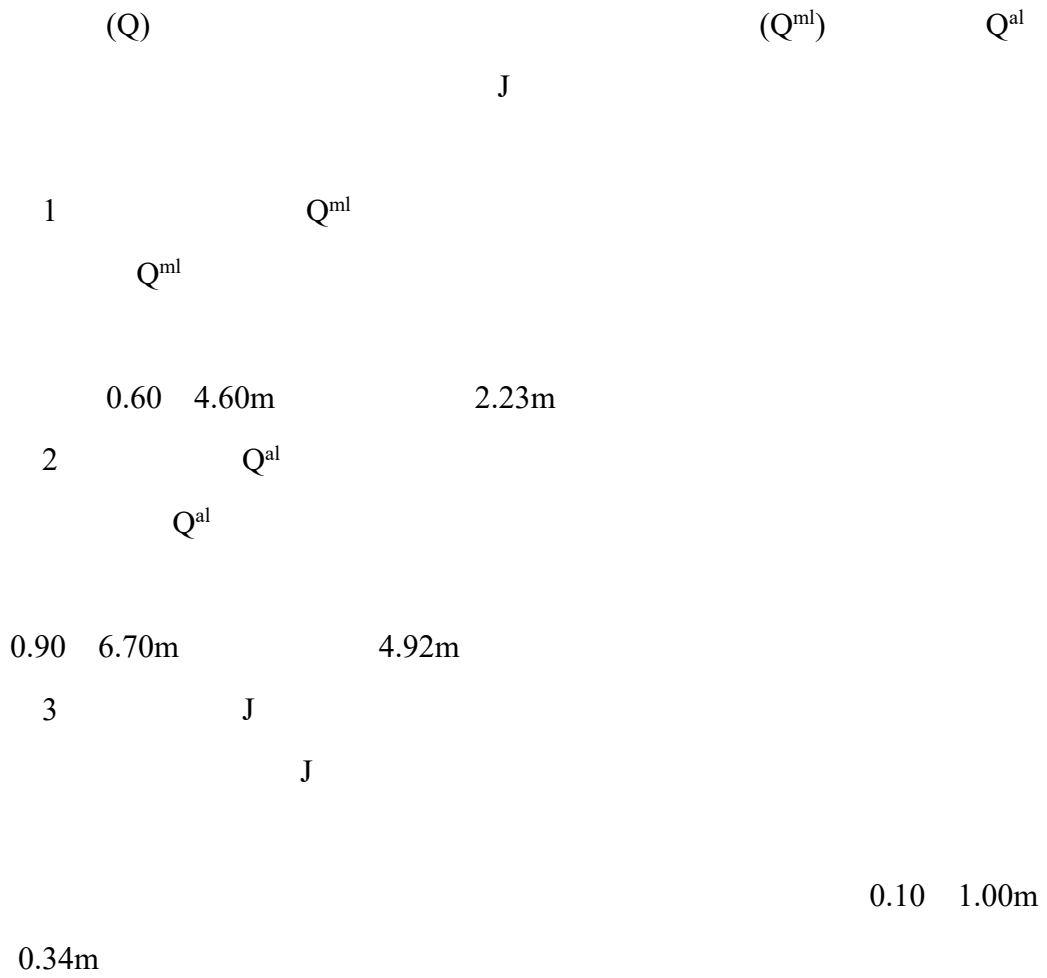
NW SE

NW E

---

2.4.

2.4.1.



2.4.2.

2.4-2

---

2.5.

2.5.1.

2018

2.5.2.

1939

1939

50

1968 11 -1969

1969

1976

1982

1

1983

1

1

1994 6



# Notes

2.6.  
2.6.1.

11

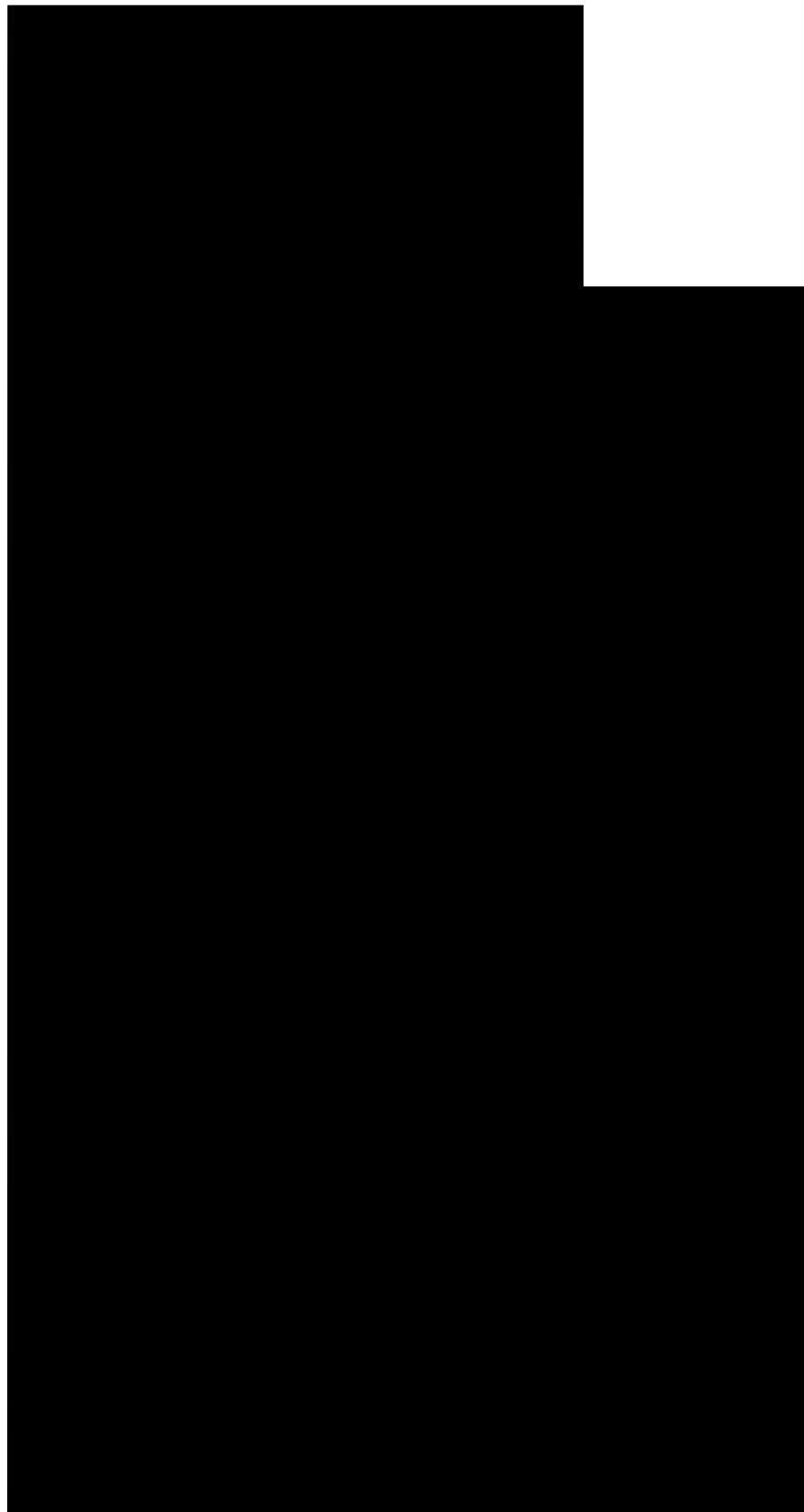
2.6.2.

1961

-2015

( )

1978



---

2.8.

G1

B1

( )

(GB36600-2018)

2.9.

2009 19

“

”

1

DB4401/T

102.1-2020

“

GB/T 14848-2017

IV ”

IV



---

### 3.

#### 3.1.

#### 3.2.

HJ25.1-2019

1

DB4401/T 102.1-2020

a)

b)

c)

---

d)

e)

### 3.2.1.

2021 6 -7

1988 1999 2000 2004

google 2005~2010 2012~2019

1966 1969 1974

2021

6 -9

2021 7

313

### 3.2.2.

2021 6-9

---

3.2.3.

3.3.

3.3.1.

HJ 25.1-2019

1

DB4401/T 102.1-2020

2021 6

5

1

2

---

3.3.2.

HJ 25.1—2019

1

DB4401/T 102.1-2020

3

2021 6 5

11

HJ 25.1—2019

1

DB4401/T 102.1-2020

○ 1939

○ 1939

1

1

1

1

1

1

1

1

1

1

1

1

1

1

---

50

1968 11 -1969

1

1

1

1

1969

1976

2

1

1980

1982

1983

1

1

1996

2007

---

2010

2010 -2019

2019

1) 1978

3.3-1

3.4.

1820

0.5~2.9m

3.5.

1

1) C<sub>10</sub>-C<sub>40</sub>

---

2)

4

3)

4)

C<sub>10</sub>~C<sub>40</sub>

5)

C<sub>10</sub>~C<sub>40</sub>

6)

7)

C<sub>10</sub>~C<sub>40</sub>

8)

C<sub>10</sub>~C<sub>40</sub>

9)

10)

C<sub>10</sub>~C<sub>40</sub>

11)

C<sub>10</sub>~C<sub>40</sub>

C<sub>10</sub>~C<sub>40</sub>

---

2

7

1)

C<sub>10</sub>-C<sub>40</sub>

2)

C<sub>10</sub>~C<sub>40</sub>

3)

C<sub>10</sub>-C<sub>40</sub>

4)

C<sub>10</sub>~C<sub>40</sub>

5)

C<sub>10</sub>~C<sub>40</sub>

C<sub>10</sub>-C<sub>40</sub>

2017 8 9

333

( 20171708 )

333



---

C<sub>10</sub>-C<sub>40</sub>

3.6.

1

1939

1939

50

1968 11 -1969

1969

1976

1982

1983

1

1

1994 6

1996

2007

---

○ 2010

○ 2010 -2019

○ 2019

2

1961

1961-1999

1999 -2015

2015 -2018

2018

( )

1978

1978-1999

1999-2008

2008

1970

1970-2000

2000 -2014

2014

11

3

C<sub>10</sub>-C<sub>40</sub>

C<sub>10</sub>-C<sub>40</sub>

C<sub>10</sub>-C<sub>40</sub>

---

4.

4.1.

		2018 173
	1	DB 4401/T
102.1-2020		HJ 25.1-2019
1		DB 4401/T 102.1-2020

4.2.

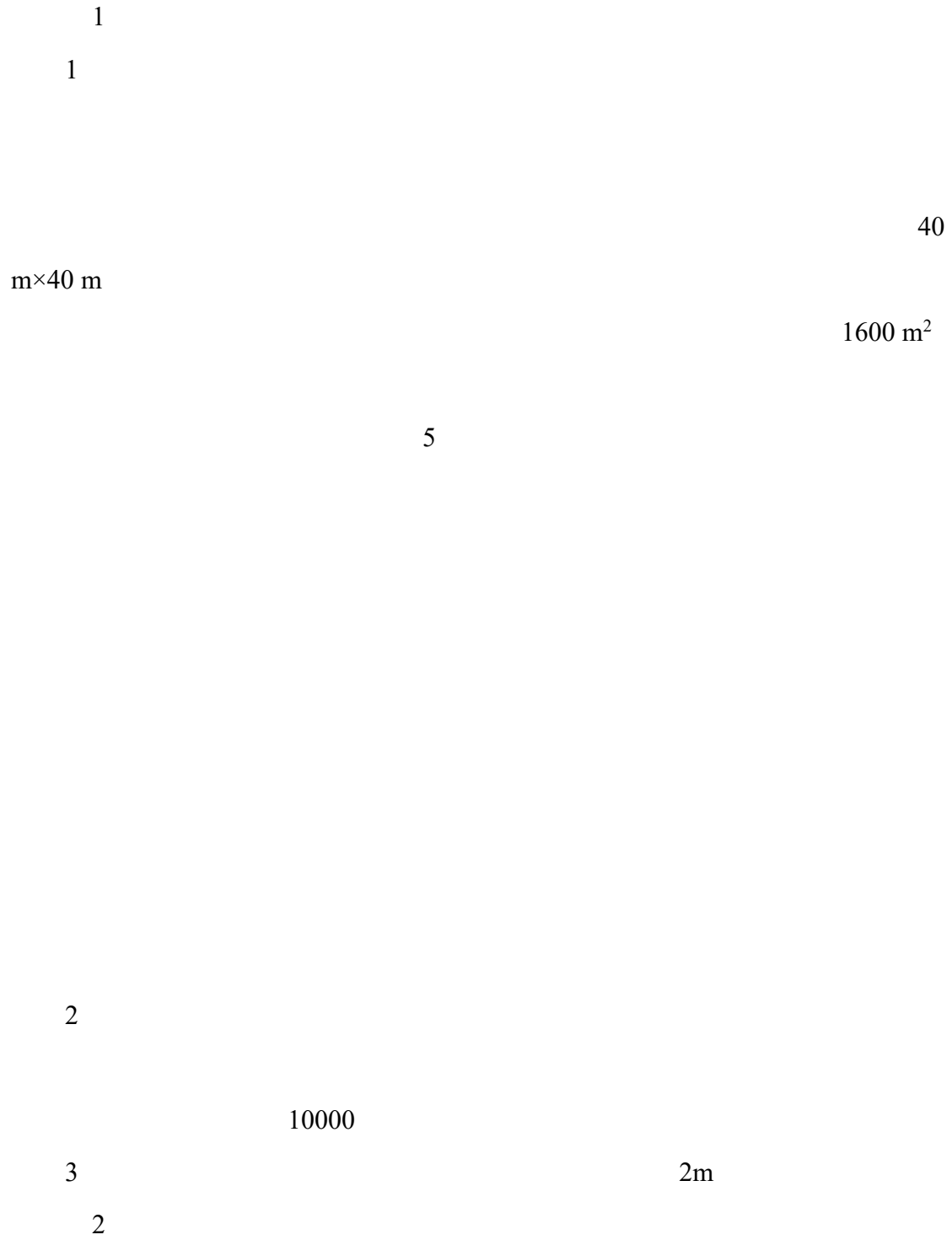
4.2.1.

4.2.1.1.

	HJ 25.2-2019	
		2018 173
1		DB 4401/T 102.1-2020

---

4.2.1.2.



---

1

3

2

0.5m

3

15

1

5 -8

5

3

2

3

3

4 -5

3

0 -0.5

0.5

0.5 -6

2

4

4.2.2.

1

48012.42 m<sup>2</sup>



41 1171.02 m<sup>2</sup>/  
129m 689m 1  
2  
GB 50137  
G1 B1  
GB 36600-2018  
2  
6-8m  
8m  
0.5m  
1 0.5m  
1 2m  
5  
5  
3  
8 S41/W3 S35/W8  
S1/W1 S6/W2  
2  
4.2-2

4.3.

4.3.1.

4.3.1.1.

		41			
1		pH			
2		45			
		7			
VOCs	27		1,1-	1,2-	
1,1-		-1,2-	-1,2-	1,2-	
1,1,1,2-		1,1,2,2-	1,1,1-	1,1,2-	
		1,2,3-	1,2-	1,4-	
			+		
SVOCs	11	2-	[a]	[a]	[b]
[k]		[a,h]	[1,2,3-cd]		
3					
○					
○		C <sub>10</sub> ~C <sub>40</sub>			
○	2	4-			
○		2,4,5-	2,4,6-	2,4	2,4-
	2-	4-	4-	2,4-	
○		6			
				2-	
○		3,3',4,4'-	3,4,4',5-	2,3,4,4',5-	
	2',3,4,4',5-	2,3,3',4,4'-	3,3',4,4',5-		
2,3',4,4',5-	2,3,3',4,4',5-	2,3',4,4',5,5'-	3,3',4,4',5,5'-		
	2,3,3',4,4',5'-	2,3,3',4,4',5,5'-			
○					

- 
- 
- 

8

g,h,i

4.3.1.2.

8

1

pH

- 

12

- 

C<sub>10</sub>~C<sub>40</sub>

- 

3 :

- 

11

1,2-

1,4-

+

2 4-

- 

12

2-

2,4,5-

2,4,6-

2,4

2,4-

2-

4-

4-

2.4-

- 

6

2-

- 

3,3',4,4'-

3,4,4',5-

2,3,4,4',5-

2',3,4,4',5-

2,3,3',4,4'-

3,3',4,4',5-

2,3',4,4',5-

2,3,3',4,4',5-

2,3',4,4',5,5'-

3,3',4,4',5,5'-

2,3,3',4,4',5'-

2,3,3',4,4',5,5'-

- 

- 

- 

- 

16

[a]

[a]

[b]

[k]

[a,h]

[1,2,3-cd]

g,h,i



---

4.3.2.

4.3.3.

GB

HJ

---

4.4.

HJ/T 166-2004

HJ

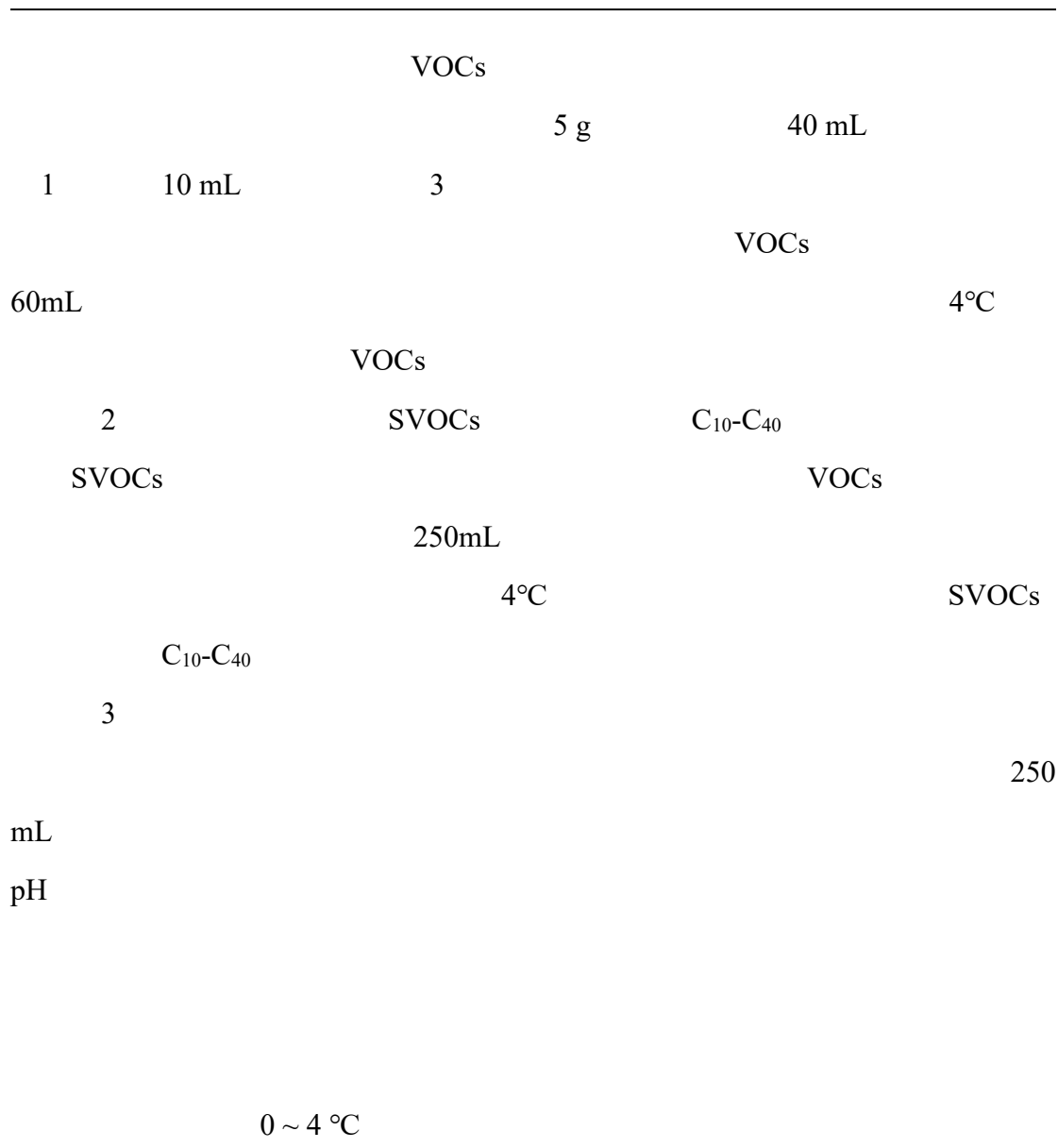
25.24019

---

4.4.1.1.

2021 08 09 ~ 08 20

GB 50021-2001



---

4.4.2.

8

S1/W1	S6/W2
S41/W3	S27/W4
S24/W5	S26/W6
	S32/W7 ,
S35/W8	

HJ 164-2020

4.4.2.1.

2021 08 09 ~ 08 20

127 mm

63 mm U-PVC

0.5 mm

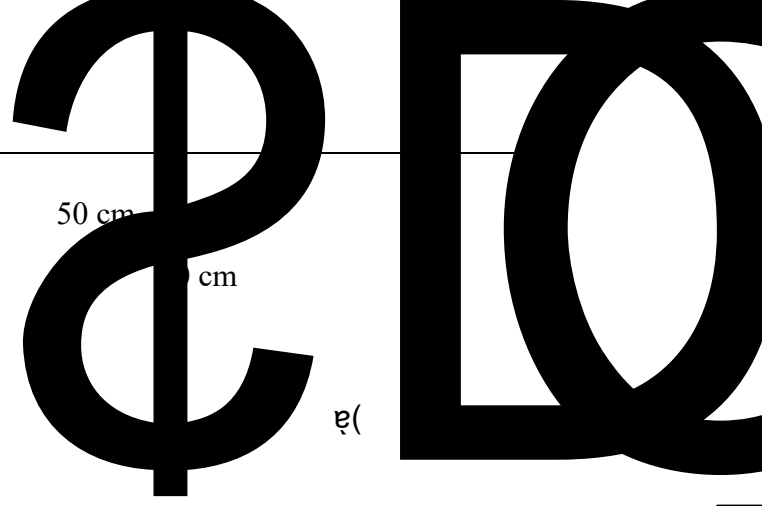
5 mm

U-PVC

U-PVC

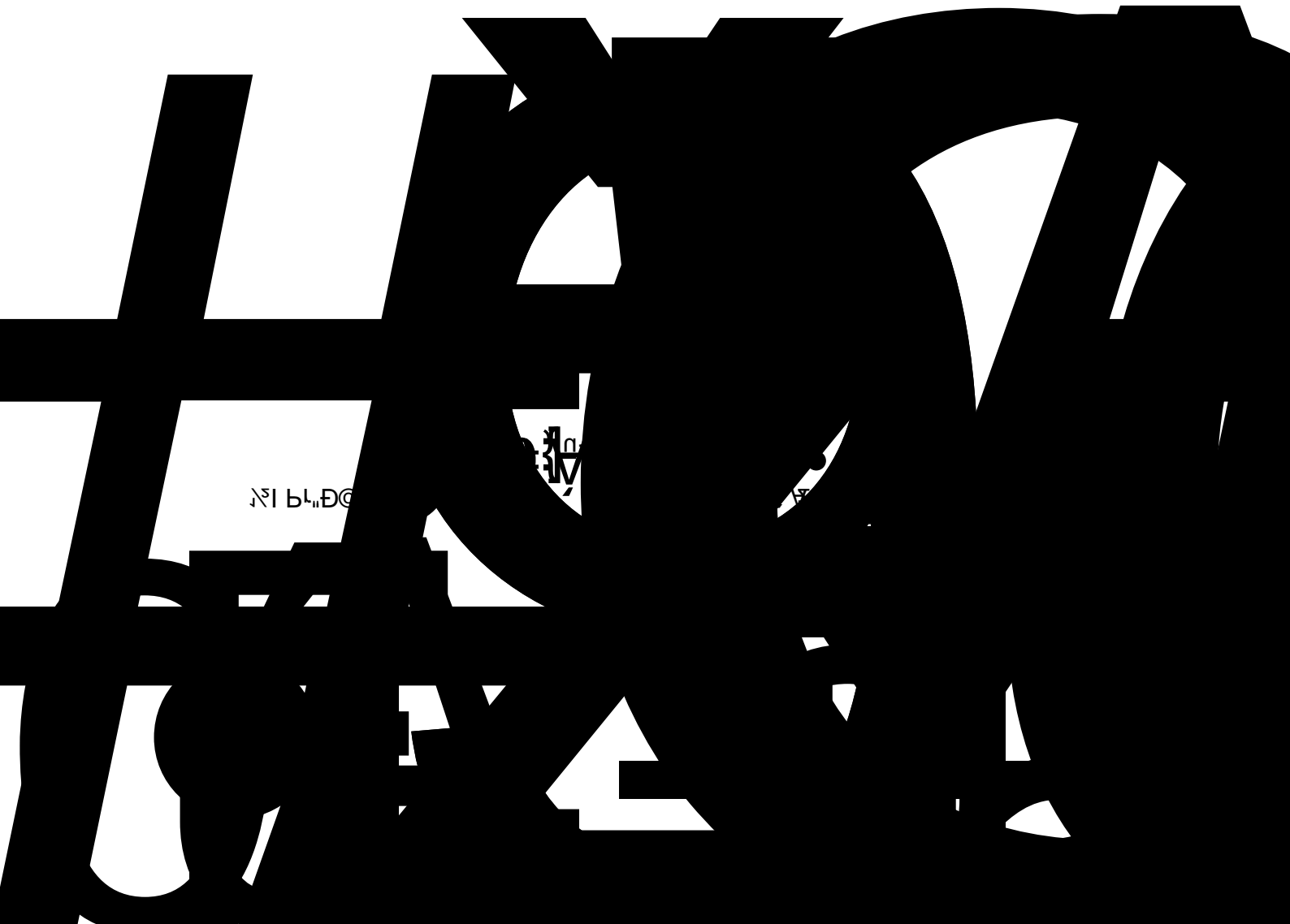
0.1 ~ 0.2 cm

40 ~ 50 cm



3

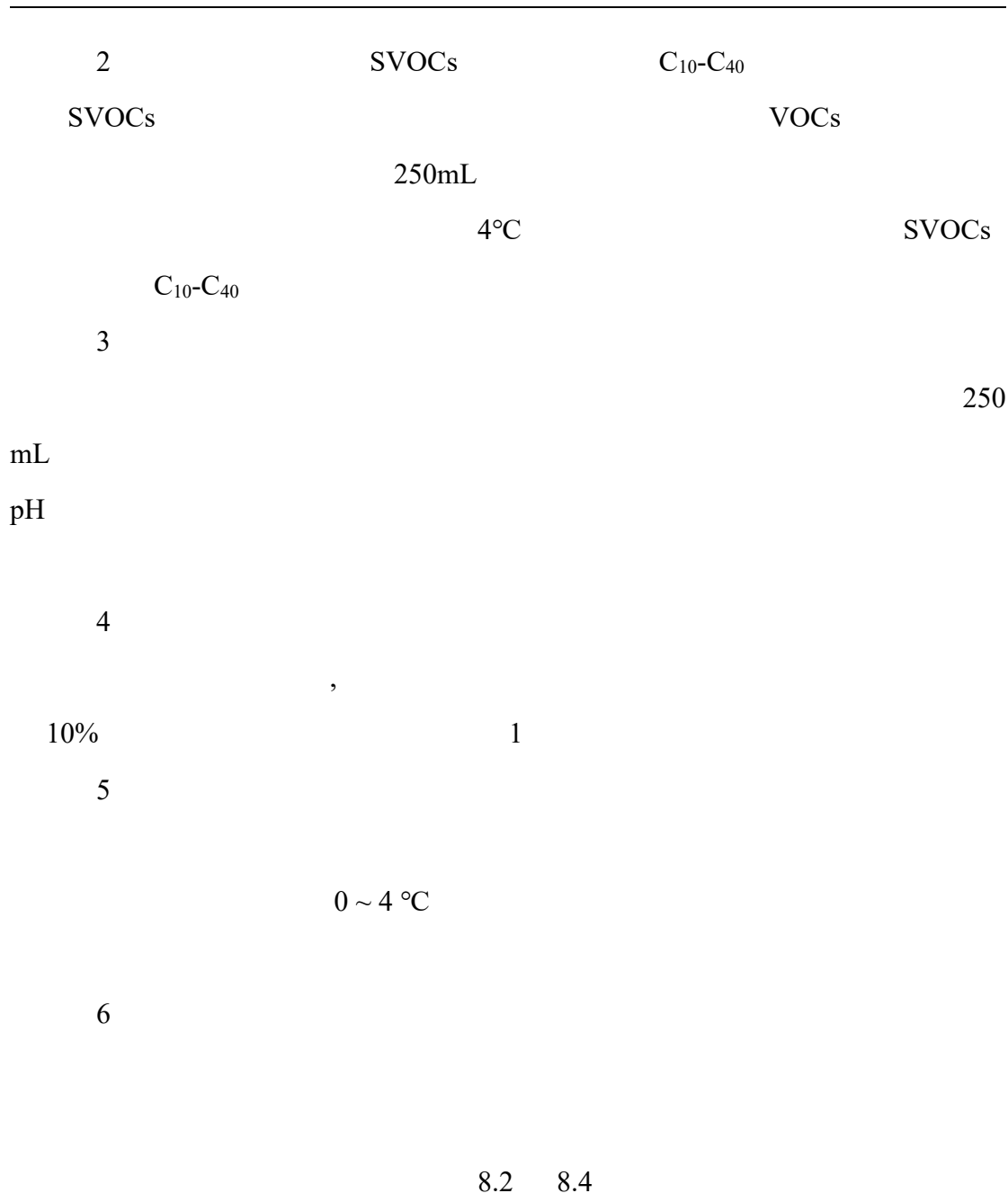
4.4.2.2.



4.1

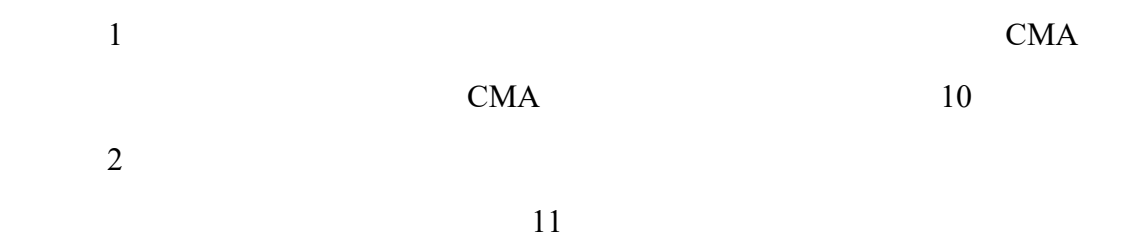
HJ 164-2020

HJ 636-2004



4.6.2.

4.6.2.1.





---

4.6.2.2.

1

1

2

20

3

5 %

4

5 %

5 %

5



		]		[6			
						2-	
		]		8.3%		14	
2,4,5-		2,4,6-		2,4-		2,4-	
6.5%		16				C <sub>10</sub> ~C <sub>40</sub>	
6.9%		14					
6.9%		5		[2,3,3 ,4,4 ,5,5 -			
2,3,3 ,4,4 ,5 -		2,3,3 ,4,4 -		2,3 ,4,4 ,5-			
2,3 ,4,4 ,5,5 -		2,3,4,4 ,5-		2 ,3,4,4 ,5-		3,3 ,4,4 ,5,5	
-		3,3 ,4,4 ,5-		3,3 ,4,4 ,-		3,4,4 ,5-	
2,3,3 ,4,4 ,5-		]		7.9%			
4		30		2		7	
VOCs 27		SVOCs 11		C <sub>10</sub> -C <sub>40</sub>		8	
		13.7 %		29			
10				15.4 %		1	
		18 %		27		6	
				15.3 %		10	
12				18.9%			
5		30				12.0 %	
18						7.2%	
27						10.8%	
15						6.9%	
						34	
				15.7%		7	
				11.9%		16	
27		11				5.6%	
6.4%		14		[6		2,4-	
2-		4-		4-		2,4-	
C <sub>10</sub> ~C <sub>40</sub>				6.4%		15	

---

8			7.4%	13	
	6			6.4%	12
2,4,5-	2,4,6-	2,4-		2,4-	
5.5%	14				6.9%
5			12		6.3%



---

	12		6		12		16
			25 %				
	4	4					2,4-
				28.6 %	2		
	10		1		3		9
	C <sub>10</sub> -C <sub>40</sub>		11			6	12
			16		14.3 %		
	5	2			12		3
			11		12		14.3 %
1				12		C <sub>10</sub> -C <sub>40</sub>	
	6		16			7.14 %	
	6	2					3
	11				12		14.3 %
	1				11		C <sub>10</sub> -C <sub>40</sub>
			6		16		7.14%
	7	4					28.6 %
3					21.4 %	2	
							28.6 %
	1				28.6 %		

---

4.7.

4.7.1.

GB 36600-2018

1.  
36600-2018

GB

2.  
25.3-2019

HJ

3.

1.  
C<sub>10</sub>-C<sub>40</sub>

GB 36600-2018

GB36600—2018

A.1

---

GB/T 14848

IV ”

IV

GB/T 14848-2017

GB 5749-2006

HJ 25.3-2019

GB/T 14848-2017

IV

HJ 25.3-2019

4.7.3.

HJ25.3-2019



---

5.

5.1.

5.1.1.

8

1

0~4.60m

2.23m

2

0.60~8.00m

4.92m

3

1.90~8.00m

0.34m

0~460cm

600~800cm

190~800cm

5.1-1 ~5.1-6

---

5.1.2.

		8
	5.1-1	0.46 ~ 3.37m
3.95 ~ 6.79m		pH
6.45~7.11		







12

ND~30.16mg/kg

5.22mg/kg

S5

S6 S7

S8

S33

S5 S6 S7

S5 S6 S7

S5

S8

S8

S33

S33

5.3.3.

41		G1		B1	
GB 36600-2018					
GB36600		1 VOCs 27		SVOCs 11	
C <sub>10</sub> ~C <sub>40</sub>		[10		2,4,5-	
2 4-		2,4-		2,4,6-	
2,4		2-		4-	
2.4-		[6		2-	
]				8	
g,h,i					
5.3-4					
5.3-4					
1		ND~0.0914mg/kg		0.00448mg/kg	
2		ND~0.0212mg/kg		0.000137mg/kg	
3		ND~0.0018mg/kg		8.2904E-06mg/kg	
4		ND~0.0013mg/kg		1.1520E-05mg/kg	
5		ND~0.0024mg/kg		6.6353E-05mg/kg	
6		ND~0.0044mg/kg		0.0000393mg/kg	
7	-1,2-		ND~0.0436mg/kg		
	0.0002230mg/kg				

---

8		ND~0.17mg/kg	0.003516mg/kg	
9		ND~0.2mg/kg	0.0010752mg/kg	
10		ND~0.2mg/kg	0.001081mg/kg	
11			ND~0.19mg/kg	
			0.00104mg/kg	
12			ND~1.41mg/kg	
			0.0330mg/kg	
13			ND~128mg/kg	
			1.9171mg/kg	
14		2-	ND~0.9mg/kg	
			0.148mg/kg	
15	2,4,5-	ND~3.53mg/kg	0.0998mg/kg	
16	2,4,6-	ND~1.36mg/kg	0.023mg/kg	
17	2,4-	ND~0.13mg/kg	0.005mg/kg	
18	2,4-	ND~2.73mg/kg	0.0863mg/kg	
19		(C10-C40)	ND~326mg/kg	
			27.4780mg/kg	
20		0.08~18.8mg/kg	0.771mg/kg	S24
		1.8m	18.8 mg/kg	
			16.5 mg/kg	
			S24	
		S24		S24

# 水质检测报告

5.4.

3

11

12

1

12

C<sub>10</sub>-C<sub>40</sub>

6

16

5.4-1

1	pH( )	6.45~7.11,	6.74
2	(NTU)	92~238,	138.62
3	(mg/L)	0.039~0.719mg/L,	0.308625mg/L
4	(mg/L)	0.00936~0.113mg/L,	0.054145mg/L

9

(mg/L)

0.00063~0.00459mg/L,

g

△

△

水质

62

检测



12	(mg/L)	ND~0.00033mg/L,	0.00011875mg/L
13	(mg/L)	ND~0.0006mg/L,	0.000075mg/L
14	(mg/L)	0.0119~0.0528mg/L,	
		0.0265mg/L	
15	(mg/L)	ND~0.005mg/L,	0.0017375mg/L
16	4- (mg/L)	ND~0.0336mg/L,	0.0117mg/L
	W2	4- 0.032 mg/L	W3
	4-	0.0336 mg/L	W2 W3 4-
		0.03 mg/L	1.07 1.12
17	2,4- (mg/L)	0.0103~0.0157mg/L,	
		0.01305mg/L	
18	[a] (mg/L)	ND~0.0000051mg/L,	
		0.0000006375mg/L	
19	[b] (mg/L)	ND~0.000264mg/L,	
		0.0000793125mg/L	
20	(mg/L)	ND~0.000057mg/L,	0.000007125mg/L
21	(mg/L)	ND~0.000015mg/L,	0.000001875mg/L
22	(mg/L)	ND~NDmg/L,	0mg/L
23	(mg/L)	ND~0.00086mg/L,	0.0001264mg/L
24	(mg/L)	ND~0.0000215mg/L,	0.00000695mg/L
25		C10-C40 (mg/L)	0.22~0.4mg/L,

---

0.3125mg/L  
26 (mg/L) ND~1.59mg/L, 0.49125mg/L W3  
12.5 mg/L 0.9 mg/L

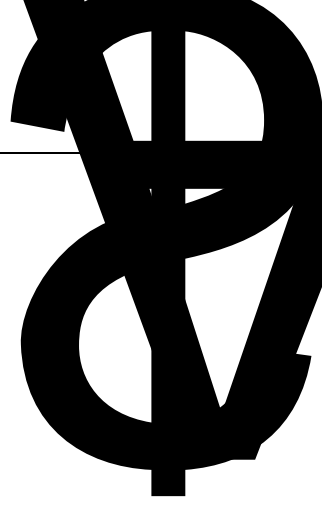
1.77  
27 (mg/L) ND~0.0000069mg/L,  
0.0000048mg/L  
92~238NTU

W2 4- W3 4-  
W8  
W2 4- W2  
W3 4-  
W3  
W8 W8

5.5.

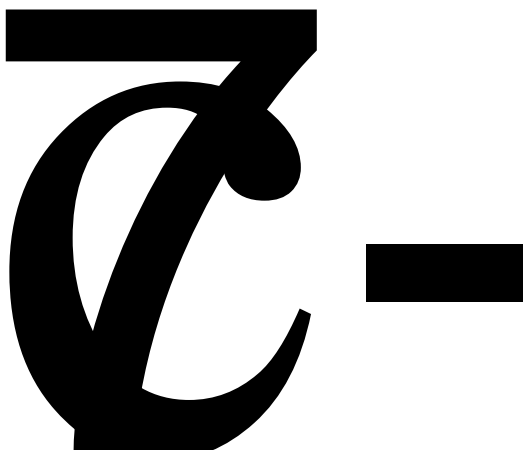


B3ž r 5



BE'@CS P\$B P BÄE"6D K"

BCE 14



---

---

W8

W8

---

6.

6.1.

6.1.1.

313

[2011] 63

48012.42 m<sup>2</sup>

11

G1

B1

GB 36600-2018

2009 19

“

”

2020 67

“

GB/T 14848

IV

”

IV

1

○ 1939

○ 1939

○ 50

○ 1968 11 -1969

1969

---

1976

1982

1983

1

1

1994 6

1996

2007

2010

2010 -2019

2019

2

1961

1961-1999

1999 -2015

2015 -2018

2018

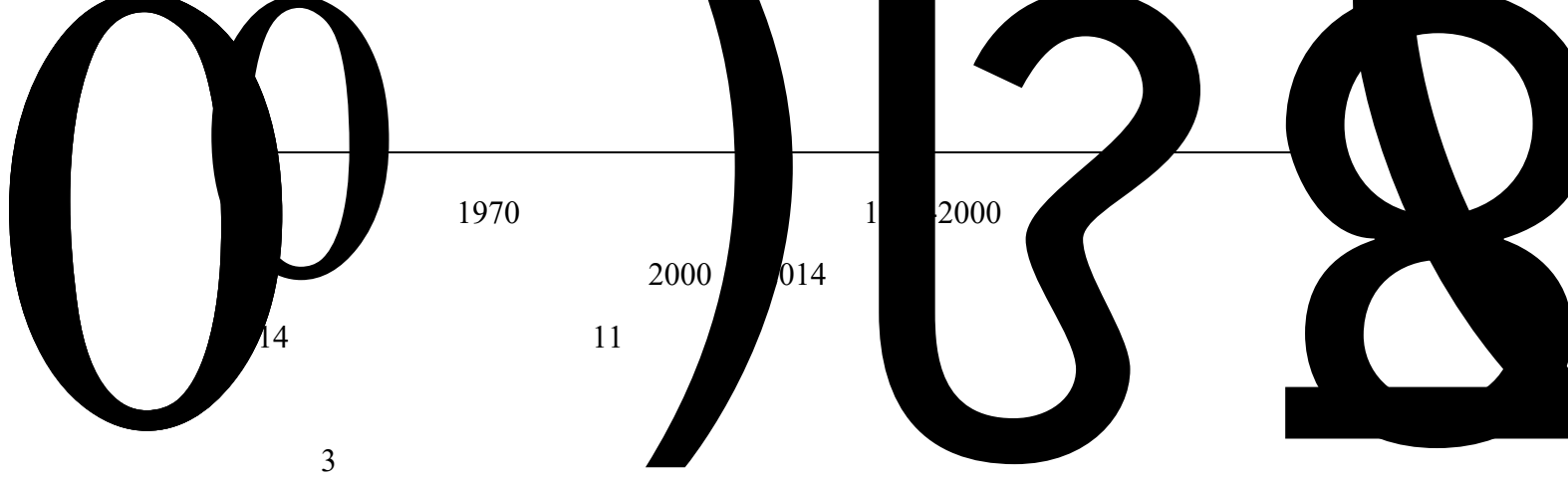
( )

1978

1978-1999

1999-2008

2008



1970

1 2000

2000 014

14

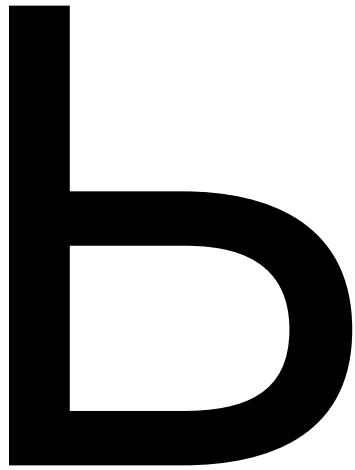
11

3

C<sub>10</sub>-C<sub>40</sub>

C<sub>10</sub>-C<sub>40</sub>

C<sub>10</sub>-C<sub>40</sub>





2,4-			6					
8		10						
			7				3	
			VOCs 27				C <sub>10</sub> -C <sub>40</sub>	
			41					
			GB 36600-2018					
			2			13	VOCs 27	
	SVOCs 11		C <sub>10</sub> -C <sub>40</sub>	2,4-				
6				8			10	
				-1,2-			C <sub>10</sub> ~C <sub>40</sub>	
				2-			2,4,5-	
2,4,6-	2,4-	2,4-						
		S5				S6	S7	
	S8		S24			S33		
				2021	08	25	~ 08	26
		8				8		
		2			12		1	
11		3	12				6	
		16					C <sub>10</sub> -C <sub>40</sub>	
			4-		2,4-		[a]	[b]
					C <sub>10</sub> -C <sub>40</sub>			



	W2	4-	W3
4-	W8		

---

6.1.3.

G1

B1

GB36600—2018

GB/T14848-2017      IV

4-

6.2.