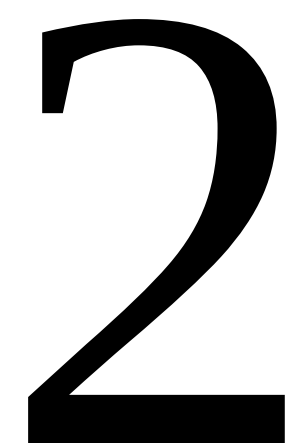
.....

1000 27

2508-320582-89-01-995/m " 9



2021-2035

40.48

1.2 m^3/d

3 m^3/d

2.4 m^3/d 0.6 m^3/d

3

35kV

4

“ ”

2 /

5

300t/h

3

2

2016-2030

4-1

3 **2022-2035**

15%

2025

5

2035

10

2

2025

2035

1

2

报告公示稿

2023 10

7 2023 7

1-1

1-1

1

4		
5		VOCs

2021-2035

2025 5

1 2035

38.4289 34.7435

0.2568

6.2145 2020

1.2000

2

1

1

2021-2035

1.71km

2020 1

2021 302

2022 145

报批公示稿

		8	149.3206	2.87	
		5.5 500	135.6696	5.52	

2

1.71km

5.52km 1.63km

2.87km

2

Ç 2027 ˆ 28 /

2035 26 /

‡ s $ B

2024 w - Ţ ɹ ã ɑ ɣ b 2024 -" - ɒ Ţ ɹ ɴ m

, h h 7 – B

(b@ D 15 V ‘ ê 36 K 7î7àH3 @9ɣXBa%ĥb@6Ž29¶a?D@8p C P" P #

h - ‡ : 25 D " ŧ

–Xôd•)A h

4

2025

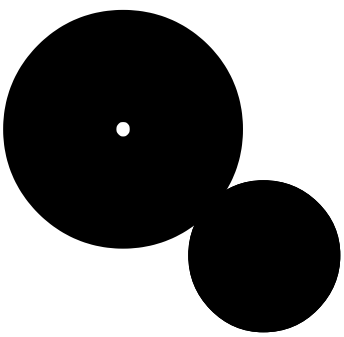
2022-

2035

1-4

1-4

1



2

3

4 ئی ئی

Ќ

2

3

T

1

“ ”

.

2

34.5

نفح

1

2

“

c

2019 123

2019 123

3

2

2011-2030 2018

2016-2030

2024

2013

2013

4 **2023**

2023

2

1-5

1-5

1.

2.

DDDDDD 1 aQF d bñb ð "

3. c

ó

c

Ó

4.

2015 2030

2017 2035 5

5.

1.

1 ﺟﯽ

2

ệ C̓ Ţ ǂ m א m " ǐ̈ ג אm "

2023 9 7

Ÿ

2012 221

604 2021 9 29

604

2021 9 29

7 **2022**

2022

1-7

	2			
	3			
	4			
	5			

16

17

18

		HJ942-2018 HJ819-2017 HJ 1207-2021 HJ848-2017 2022 2022 5

9

1

2021 65

¶

20

1-9

VOCs

VOCs
0.3m/s

		0.5% 5	
		VOCs VOCs VOCs 800mg/g 650mg/g 1100m 2/g BET	800mg/g RTO

	40000h -1 VOCs RTO 760 CO 300 VOCs VOCs	

2021 65

3

VOCs

<

> 202 2

11 **GB33372 20**

1,2- 1,l,1-

a

GB19340

!

2017 278

2

2022 70

1-13 **2022 70**

2022 70

12

2025 28

2025 28

	C3029 C2922 2023

2.1

2021 07 2021

9

2022 3 14

2022 82 0034 Ψ

5400 50 2023 10 23

ﻫ 2023 12

67192.35

2.2

			5400	5400		
					0	
			/	/		
30kg/ 10m			2000	2000		
1m					0	7200
3mm/4mm			/	/		
			50	50		
20kg/25kg	JC/T984-2011		/	/	0	7200
		1 :		100	x	
				0	+100	
1.2mm/1.5mm	GB18173.1-2012		0		0	7200
				/	/	
	GB/T23457-2017					

1000 /

27 /

2.2.3

2.2.4

2-5

2-5

11211.12m^2

11211.12m^2, 27 27

2023

1054

19038.25m^2 19038.2

/ 1000 1000

7631.36m^2 4

/

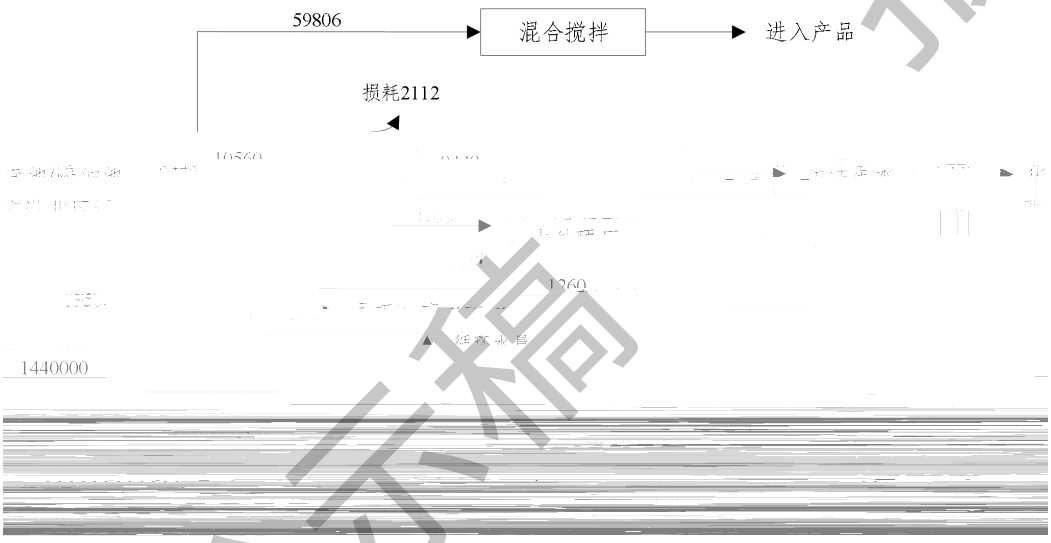
4

			400m³/h		400m³/h 1 200m³/h
			/	DA012 18m	DA012 18m
			/	DA013 28.7m	DA013 28.7m
			/	DA014 18m	DA014 18m
			/	DA015 18m	DA015 18m
			DA006 28.7m	/	DA006 28.7m
			1 +2 +2 +2 RTO	/	1 +2 +2 +2 RTO

				DA001 30m DA002 30m	/	DA001 30m DA002 30m	
				DA008 28.7m	/	DA008 28.7m	
				2 + +RTO DA009 30m DA0010 30m	/	2 + +RTO DA009 30m DA0010 30m	
				DA003 27m DA004 30m DA005 30m	/	DA003 27m DA004 30m DA005 30m	

2.2.5

2-2



2-2

2.2.6

2-6

2-7

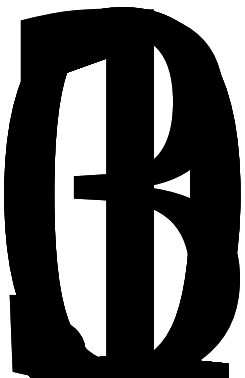
2-6

	t/a			t/a
	6000			11895.9
	2400			0.745
	3500			3.179
/				0.176
	11900			11900

2-7

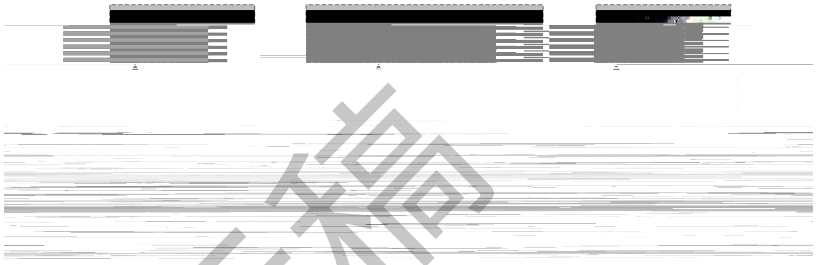
	t/a		t/a

50000	270000
30000	0.383
50000	2.866
60000	3.132



2.3

2.3.1



2-3

12 ,

1

2

3

4

2.3.2

1

W1 G P (y™^!4 —0

W- ¦ i m

S8

2.3.3

2-8

2-8

	G1-1	
ئی	G1-2	
	G2	
	G3	
	G4	
	G5	
	G6	♦ ♦
	G7	
	G8	
	G9	
	W1	COD SS
S	W2	COD SS

2.4

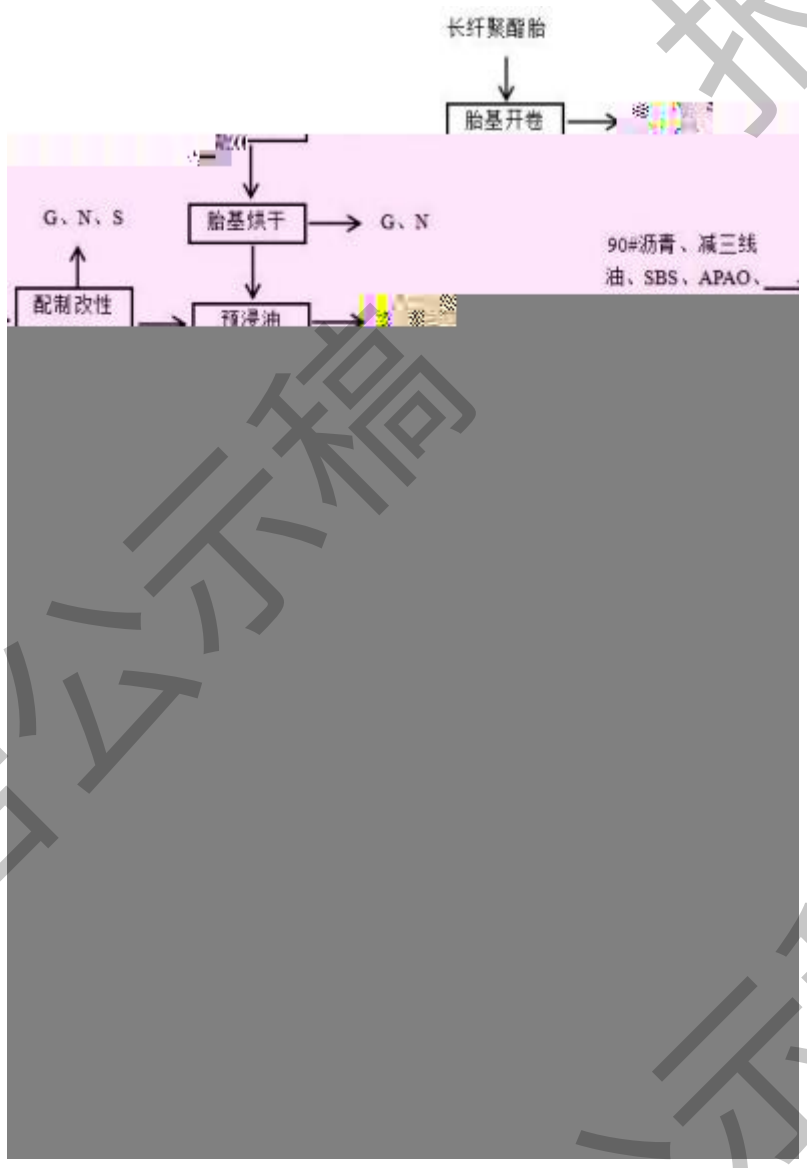
2.4.1

2021 7

2 2021 9

		5400 /	5400 /	7200	
		2000 /	2000 /	7200	

2-11



2-6

2

2-7

2.4.3

1

[a]

2-12

2-12

DA001 DA002			[a] SO_2 NO_X	1 +2 +2 +2 RTO	

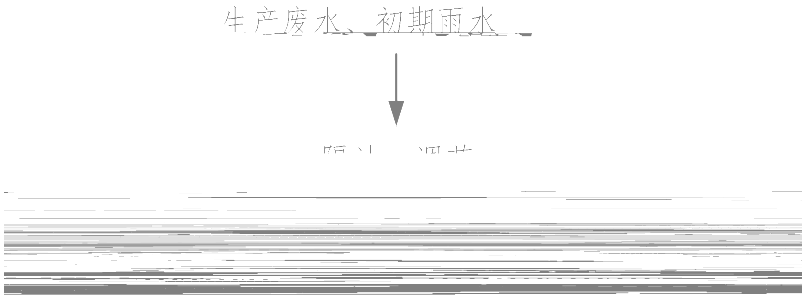
1

DA006

DA003

DA004

DA005



2-8

3

4

2-13

2-13

3		HW08	900-249-08	0.3
4		HW08	900-249-08	8.12
5		HW08	900-210-08	1
6	Ŏ	HW49	900-041-49	31.12
7		HW08	900-249-08	9.6

			469	17	0.30				
		[a]	17384	ND $2*10^{-5}$	$3.5*10^{-7}$			0.0003	0.0000009
			17711	ND 3	0.053			200	/
				6.75	0.12			200	/
			20170	1.3	0.025			20	1
			19375	ND 17	0.33			20	0.11
2024.03.23	DA002								

				49	0.28			50	/	
				1.5	9.0*10^{-3}			10	/	

ND DA001 DA002

VOCs

DA007

2-15

			mg/m^3		**mg/m^3**	
			16	GB14554-93	20	
			ND 0.168		0.5	
2024.03.23			0.68		4	
		[a]	ND 1.4*10^{-7}	DB32/4041-2021	0.000008	
			0.56		6	

ND

DA001 DA002 DA006

DB32/4041-2021 DA003

DA004 DA005

DB32/4149-2021 DA007

DB32/4385-2022

[a] DB32/4041-2021

GB14554-93

2

2-16

dB

dB A

A

	SS	1.690	0
		0.296	0
		0.0338	0
		0.507	0
		0	0
		0	0
		0	0

= * /

2.4.6

16		
17	5	2022 3 2022 4 5 2023 10 23

2.4.8

5400 2000

1

2024 DA003

2

3.1

3.1.1

1996 133

GB3095-2012 2024

2024 2024

135

180 86.1% 3.6%

4.10 1.9%

12.1%

3-1 2024

		μg/m³	**μg/m³**	**%**
SO_2	98	8	60	14
		14	150	9
NO_2	98	26	40	65
		69	80	86
PM_{10}	95	48	70	69
		111	150	74
$PM_{2.5}$	95	30	35	86
		83	75	111
CO				

mg ʁO m ! ʁ m " ʦ 1

2027

28 / 2035 26 /

2024 9 4

2024 £ 10

3-2

		/m UTM							
		X	**Y**		**ug/m³)**	**³)**			
		548758	3540022		2000	290~630			

3-3

			pH	COD_{Cr} mg/L	BOD_5 mg/L	mg/L	mg/L	mg/L
			7.5	6.1	0.9	0.06	1.61	0.005
			8.4	13.6	2.4	0.76	4.82	0.02
			7.5~8.4	10.0	1.5	0.28	2.7	0.01
			0	0	0	0	/	0
£		^	/	/	^	/	/	/

3-3

2023.11.21~2023.11.23

W1 500m W2

£ £ £ £ £ £ £

500m 3-4

3-4

	W2		0	0	0	0	0	0

3-4

GB 3838-2002 III

3.1.3

50m

3.1.4

3.2

500m 3.2-1 6

50m 500

3-5

	UTM						
	X	**Y**					**m**
	558005	13406413				SW	380

3.3

1

GB31572-2015

DB32/4041-2021

DB32/4149-2021

DB32/4149-2021

DB32/4041-2021 3-6

1

3-6

mg/Nm^3 kg/h

mgĞ

*

			0.476	0.156	0	0	0	0	0.632	0
			1.3	0.091	1.440	0	1.440	0	2.831	+1.440
	[a]		1E-06	5.06E-07	0	0	0	0	1.5055 E-06	0
	VOCs		1.207	0.509	0.427	0	0.427	0	2.143	+0.427
			8448	0	1260	0	1260	0	9708	+1260
	COD		3.379	0	0.0504	0	0.0504	0	3.4294	+0.0504
	SS		1.690	0	0.0504	0	0.0504	0	1.7404	+0.0504
			0.296	0	0	0	0	0	0.296	0
			0.0338	0	0	0	0	0	0.0338	0
			0.507	0	0	0	0	0	0.507	0
			0.507	0	0	0	0	0	0.507	0
			0	0	0	0	0	0	0	0
			0	0	5.8	5.8	0	0	0	0
			0	0	67.21	67.21	0	0	0	0
							VOCs		VOCs	

4.1

4.1.1

4.1.2

4.1.3

ë ë ë ë

4.1.4

ë ¾

ë ¾ û ë ën

ë ë ë

ë ë ë

4.2

4.2.1

1

G1

G2 G3 G4

G5 G6 G7

G8 G9

G1 G2

500 HDPE

500 TPO

2017 7 85%-85.7%

18.97-22.27mg/m^3

6483m^3/h

0.144kg/h 4800h

85% 500 HDPE

0.957t/a 1000 HDPE

1.914t/a

DA012

90% 90%

G3

500 HDPE 500 TPO

2017 7

85%-85.7%

21.83-27.35mg/m^3 6501m^3/h

90% 90%

G4

1

5 5 AP-42

1t 0.23kg

28.7m

DA013 99% 99%

4-1

	t/a	**t/h**	**h**		**kg/h**	**t/a**	Q̣	**kg/h**	**t/a**
	50000	20	2500		4.6	11.5		0.046	0.114
	30000	20	1500		4.6	6.9		0.046	0.068
	50000	20	2500		4.6	11.5		0.046	0.114
1	30000	20	1500		4.6	6.9	99%	0.046	0.068
1	30000	20	1500		4.6	6.9	99%	0.046	0.068
	/	/	/		23	43.7		0.023	0.433

G5

0.005kg/t

190000t

0.95t/a

18m DA014 99% 99%

G7 G8

G9

VAE

0.174kg/t-

20200t

3.5148t/a

18m DA015

99% 90%

1 18m DA012

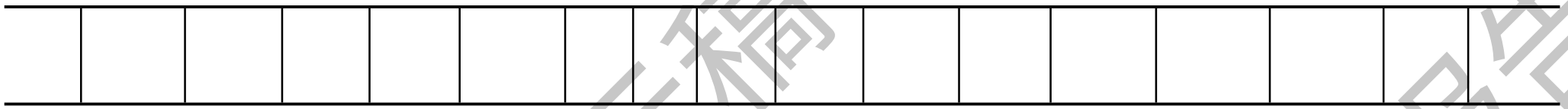
28.7m DA013

1 18m DA014

		G7 G8 G9		3.5148	99%	3.480	0.035

4-3

			t/a	kg/h	mg/m³		%	m³/h	t/a	kg/h	mg/m³	mg/m³	kg/h			
			3.532	0.491	61.319		90%	8000	0.353	0.049	6.132	60	3	H=18m T=25 D=0.55m		DA012
			43.263	6.009	400.583		99%	15000	0.433	0.060	4.006	10	/	H=28.7m T=25 D=0.6m		DA013
			99.317	13.794	689.701		99%	20000	0.993	0.138	6.897	10	/	H=18m T=25 D=0.7m		DA014
			3.480	0.483	80.556		90%	6000	0.348	0.048	8.056	60	3	H=18m T=25 D=0.4m		DA015



4-4

0.392[m]	0.054	19038.25	5
0.437	0.23	180	28

1					4	0.392
2				DB32/4041-2021	0.5	0.437
3				DB32/4149-2021	0.5	1.003
					4	0.035
						0.427
						1.440

4-7

		/ t/a
1		1.128
2		2.866

2

0%

0.1 / 30min

4-8

			/ mg/m³	/ kg/h	/ /h	/	
DA012			61.319	0.491	0.5	0.1	
DA013			400.583	6.009			
DA014			689.701	13.794			
DA015			80.556	0.483			

1

2

4-9

4-9

1		mm	2000*2000*2900	2000*1500*1100
2		m^2	9.72	1.25
3		m^2/g	750	750
4		/		
5		mg/g	800	800
6		kg/m^3	500	500
7		t/	3.89	0.5

3.179t/a

7.78t

3.132t/a 7.78

2021 218

$T=m\times s\div(c\times10^{-6}\times Q\times t)$

T—

m— kg

s— %

c— VOCs mg/m^3

Q— m^3/h

t— h/d

4-10

			VOCs			

	kg		mg/m³	m³/h	h/d	d
	7780	10%	55.188	8000	24	73
	1000	10%	72.5	6000	24	10

73d 4 31t 3t
34t 10d
10 30t 3t
33t

HJ1122-2020

HJ1116-2020 VOCs

DB32/4041-2021
GB31572-2015

1

28.7m DA013

2023 9 16 17 DA006

89%~90%

DB32/4149-2021

2

18m DA014

HJ1116-2020 /

DB32/4149-2021

30 87

4-11

4-11

	30 kwh	0.8 /kwh	24
	62	7000 /t	43
	67	3000 /t	20
	/	/	87

4

É

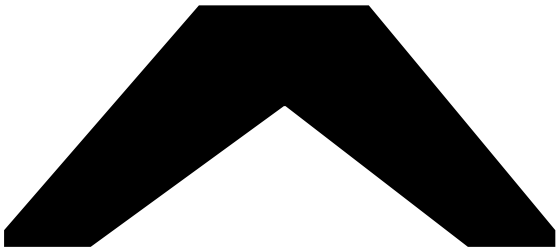
PM10

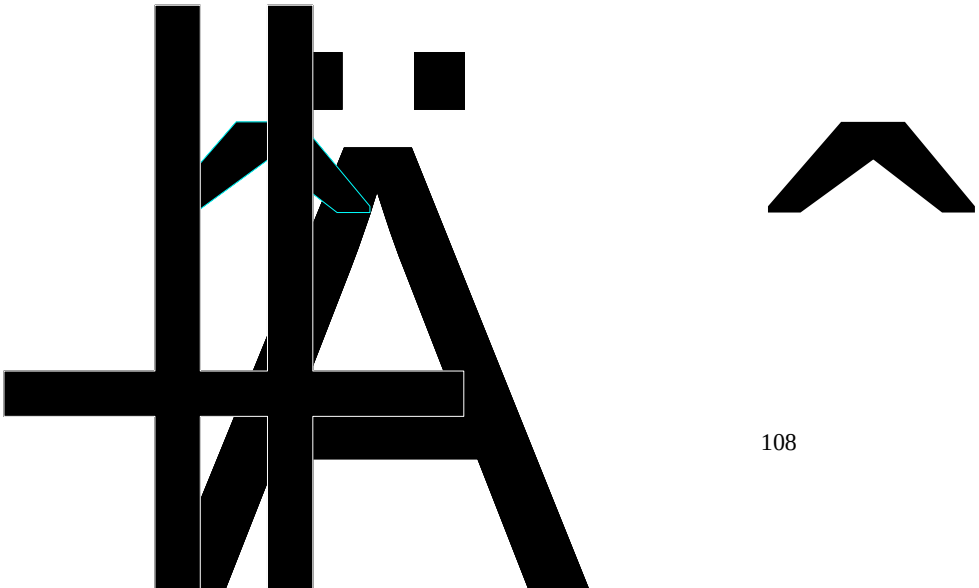
GBT39499-2020 “

”

100 ˆ

6





4.2.2

1

W1

1 200t/h

5

(GBT50102-2014)

$$Q_e = K_{ZF} \cdot \Delta t \cdot Q$$

$$Q_W = \frac{P_W \cdot Q}{100}$$

Qe KZF 0.0015 t

5

Qw Pw 0.1

Qb N 5

Qm

Q

	t/a		**mg/L**	**t/a**			**mg/L**	**t/a**	**mg/L**	
	1260	COD	40	0.0504	/	COD	40	0.0504	500	
		SS	40	0.0504		SS	40	0.0504	400	
	6	COD	500	0.003	+					
		SS	200	0.0012						
			60	0.00036	+					
					+					

2

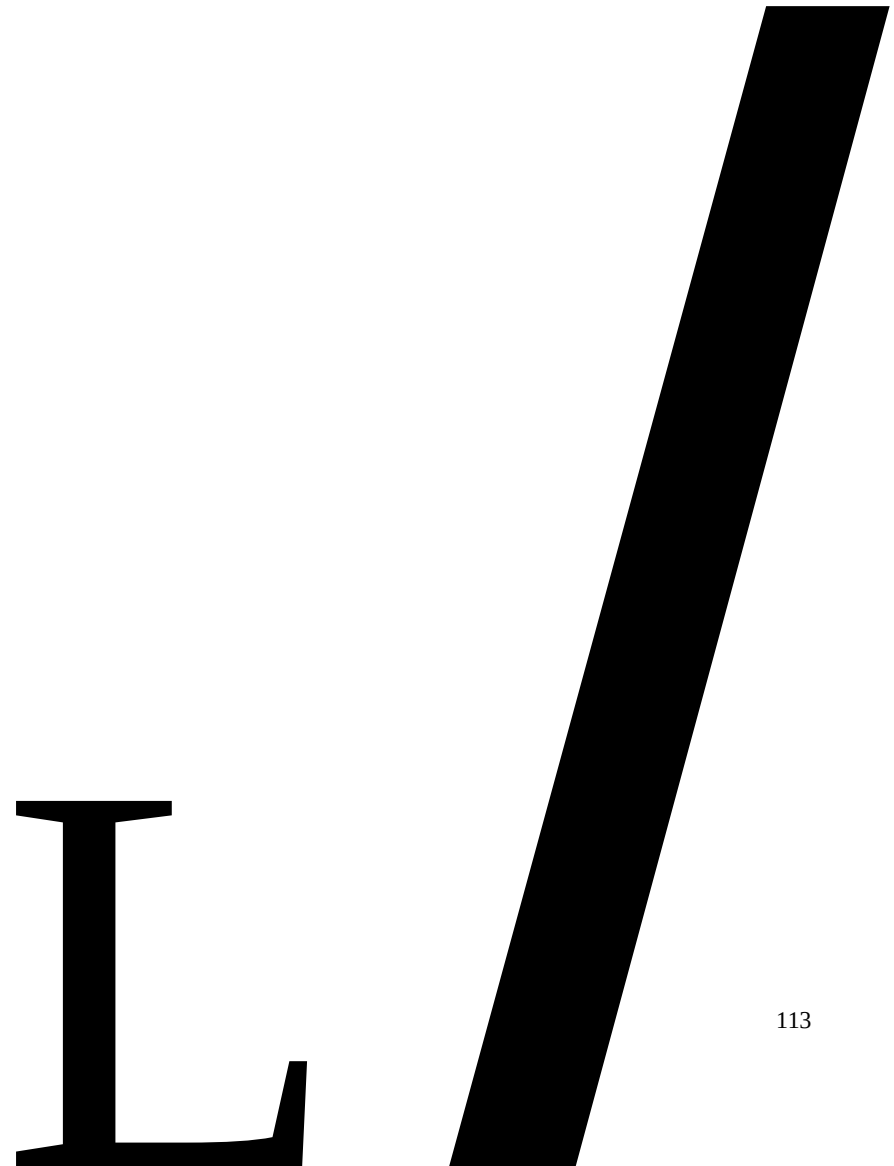
1260t/a 4.2t/d 6t/a

0.02t/d d

80t/d 21939.1t/a

73t/d

		pH	COD	SS	
mg/L	7~8		1500	600	20
		/	70%	90%	90%
mg/L	7~8		4		



		1	COD SS	1 /

5

4-21 4-22

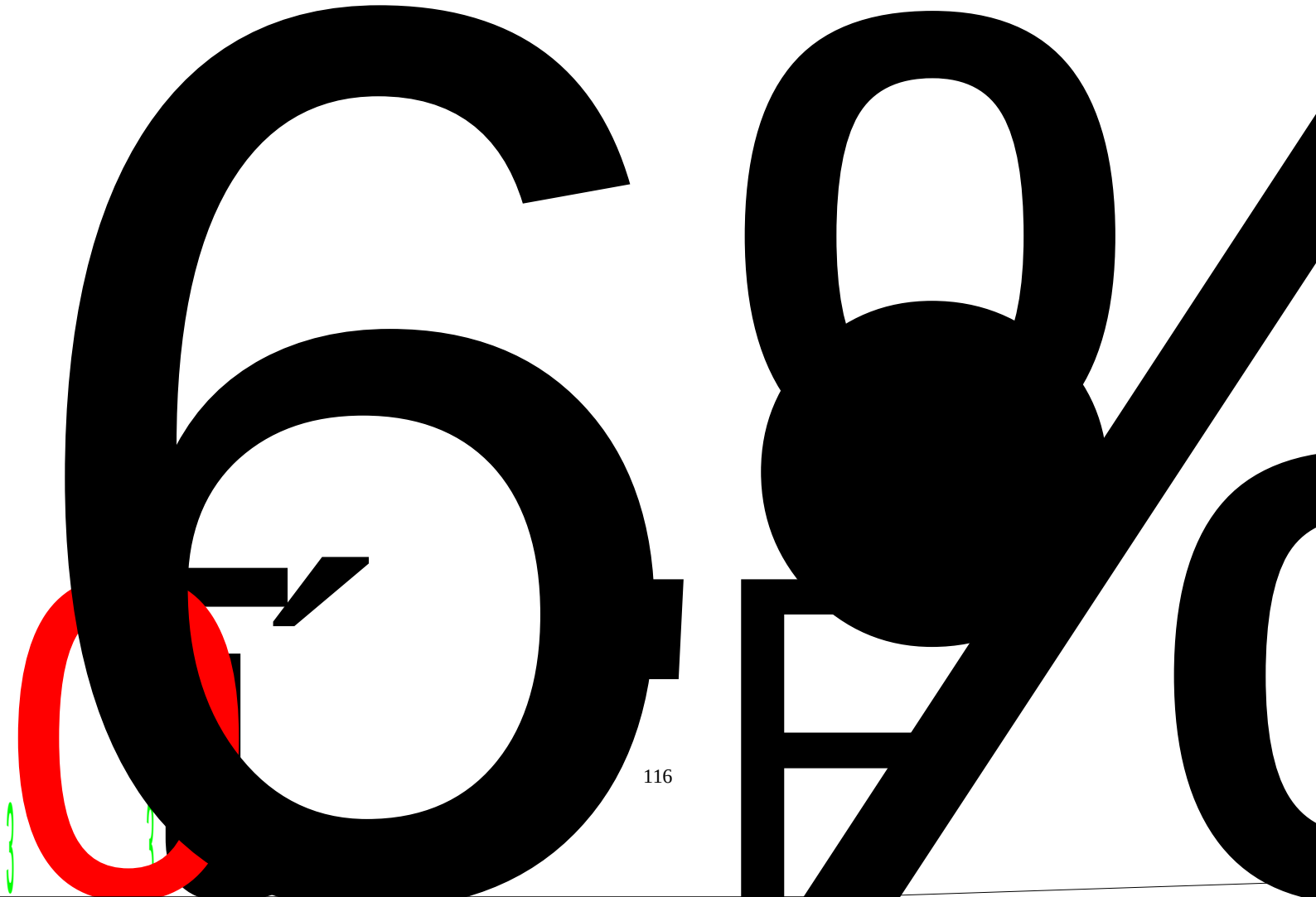
* 12 ≤12

4-23

Ỳ

2 4

Ђ



	180	2	75		371	323	1	40	43		25	18
	130	2	75		401	316	1	40	43		25	18
		4	75		428	309	1	30	45		25	20
		2	80		421	311	1	35	49		25	20
		2	75		345	339	1	5	61		25	36
		1	85		380	298	1	50	49		25	24
		2	85		249	320	1	20	59		25	34
		3	85		260	317	1	30	55		25	30
		3	85		269	315	1	30	55		25	30
		1	75		255	358	1	15	51		25	26

5	75		164	416	1	5	61	25	36
5	75		150	393	1	5	61	25	36
10	85		136	359	1	8	67	25	42
3	75		182						

	X	Y	Z	/dB(A)
1				

$$A_{div} = 20\lg(r / r_0)$$

A_{div}——

r_0—— m

r—— m

4-29

4-29 **dB(A)**

	62	53	28.35	29.39	62	53.03	65	55		
	61	52	27.31	26.31	61	52.03	65	55		
	58	50	26.21	45.57	58.24	51.35	65	55		
	56	48	35.81	37.8	56.11	48.63	65	55		

2024

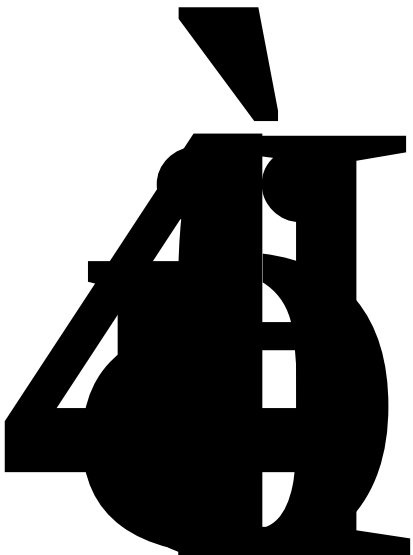
35.81dB(A)

GB12348-2008 3

3

4-30

4-30



1m

1

1kg/d 0.3t/a

2

GB34330-2017

6.1 b

3

5t/a

4

a

5

					t/a			
1					0.3	√	/	
2					5	√	/	
3					0.1	√	/	
4					67	√	/	GB34330-2017
5					1	√	0 /	
6					0.2	√	/	
7					0.01	√	/	

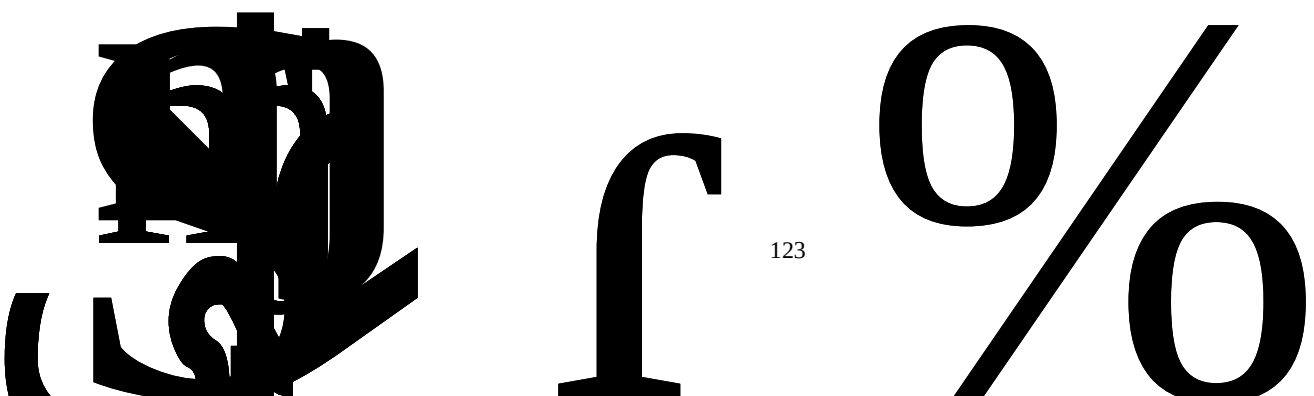
2017

43 2025

4-32

t/a

1 0.1 HW49 9006 г % ë



123

3						0.1	HW08	900-249-08	T
4						0.01	HW08	900-210-08	T
5						0.3	S59	900-009-S59	/
6						5	S59	900-099-S59	/
7						0.5	S59	900-099-S59	/

4-33

4-33

						t/a			
1						5.7	HW49	900-041-49	T
2						39	HW08	900-249-08	T
3						60	HW08	900-249-08	T
4						6.7	HW08	900-210-08	T

5	10	HW13	900-015-13	T
6	1.106	HW49	900-041-49	T
7	0.2	HW08	900-249-08	T
8	0.02	HW08	900-210-08	T
9	67	HW49	900-039-49	T
10	15.5	SW59	900-099-S59	
11	1.7	SW59	900-009-S59	
12	60	SW59	900-099-S59	/
13	0.3	SW59	900-009-S5-0	

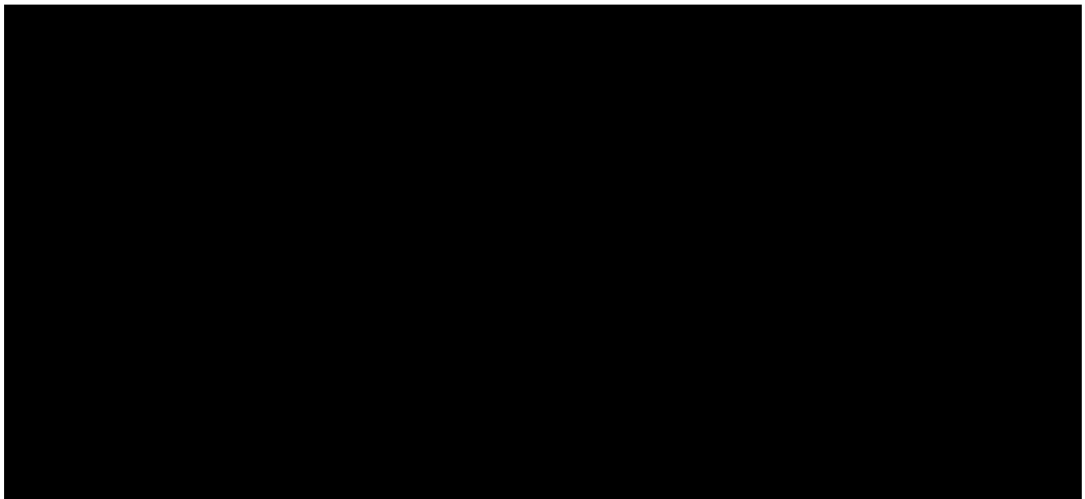
10			/	/	/	599.76	/	/	/

2

a

599.76m^2

GB15562.2-1995



2

3

4

‘ &

5

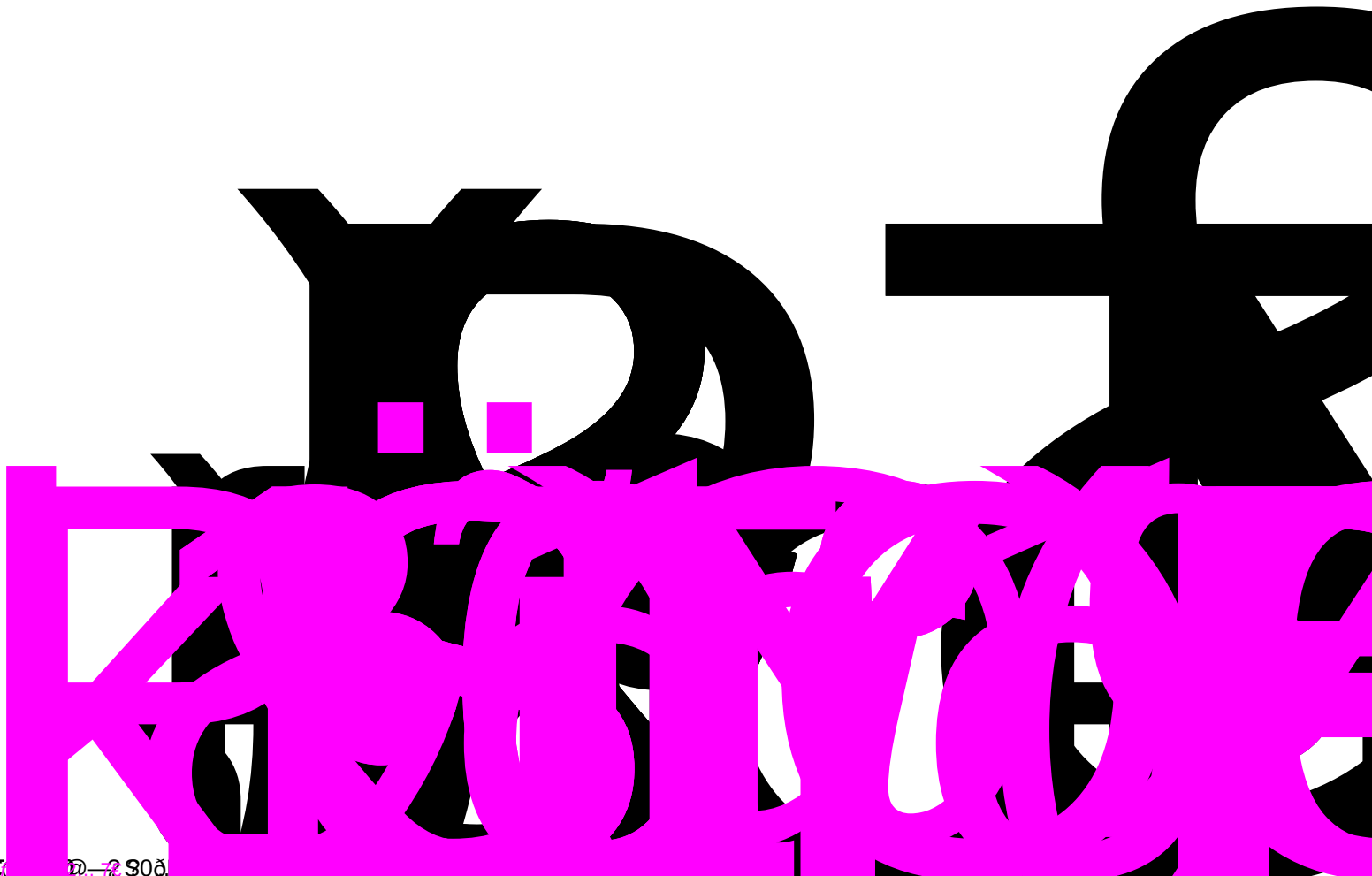
5

tÎ

6W

<

W c 5 @ ò P 1x±? P P • YA 5 @ ò P 1x±?



4.2.5

1

7						
8						
9						GB18597
10						
11						Mb 1.5m K 10^{-7}cm/s
12						
13						
14						

2

1

A.

Q

Q

$$Q = \frac{q_1}{Q_1} + \frac{q_2}{Q_2} + \ldots \frac{q_n}{Q_n}$$

q_1 q_2 … q_n—— t

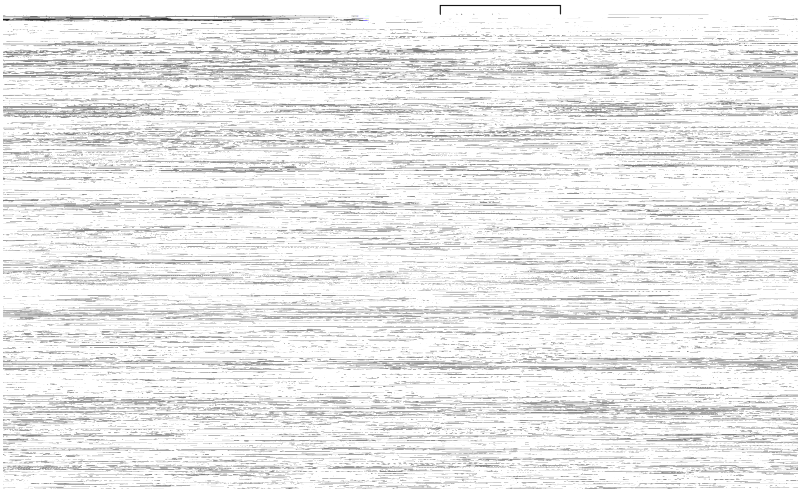
Q_1 Q_2……Q_n —— t

4-36

	t	**t**	**q/Q**
1	0.2	2500	0.00008
2			

/

4-2



4-2

4-38

4-38

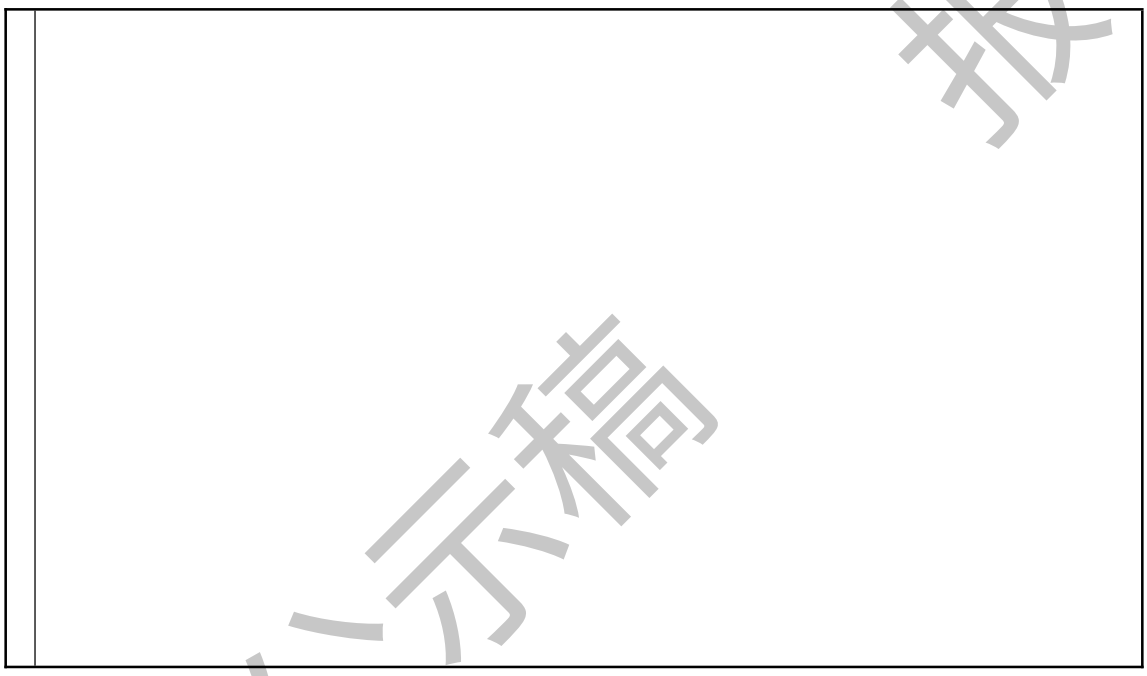
				/	/
			/		
				/	/
			/		
			/	/	
				/	/
			/	/	

4-39

4-39

VAE

VAE



/	/			
	DA012			DB32/4041-2021
	DA013			DB32/4149-2021
	DA014			DB32/4149-2021
	DA015			DB32/4041-2021
				DB32/4041-2021
				DB32/4149-2021
				DB32/4041-2021

DB32/4149-
2021

COD SS

GB/T 19923-
2024

COD SS /

GB12348-
2008 3

ó

	3 5 20 5

S

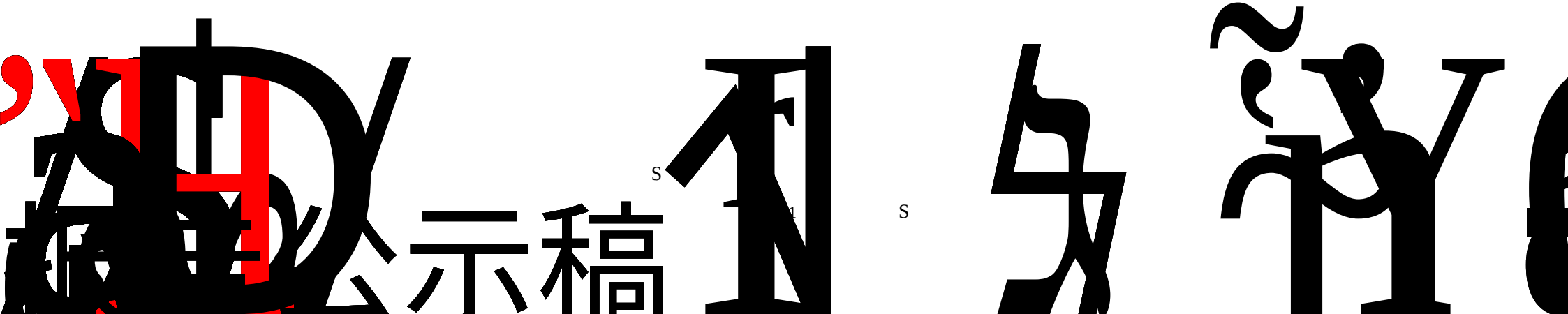
S

t/a t/a t/a t/a t/a t/a

6.8536 5.152 2.866 / 9.6028 +2

S

S



		5.5	5.5		5.8	/	11.3	+5.8
	/	60.1	60.1		67.21	/	127.31	+67.21

= + + - = -