

1		- 1 -
1.1		- 1 -
1.2		- 2 -
1.3		- 6 -
1.4		- 37 -
2		- 44 -
2.1		- 44 -
2.2		- 44 -
3		- 46 -
3.1		- 46 -
3.2		- 59 -
3.3		- 62 -
3.4		- 62 -
3.5		- 63 -
3.6		- 64 -
3.7		- 65 -
3.8		- 65 -
4		- 66 -
4.1		- 66 -
4.2		- 67 -
4.3		- 67 -

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2021 1176

2021 12 22

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[2024]218

2024 03 01

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2020 3 20

[2020]95

2021 1 19

[2021]5

2021 11 2

[2021]322

20 / 5

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1.6 / 0.4 /

10 15 /

2021 12 22

2021 1176 2022 5

20231291340311MA2WEX8K0C001V

202431340311005

2023997

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20000 /30000 /

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1.2-1

1.2-1

1		10 100 / 3 / 2 /	10 100 / 3 / 2 /	
2		+ + + 50 + + + +	+ + 50 + + + +	
		GB18484-2020 1 GB18484-2020 3 GB16297-1996 2 GB14554-93 1 2 GB37822-2019 A.1	GB18484-2020 1 GB18484-2020 3 GB16297-1996 2 GB14554-93 1 2 GB37822-2019 A.1	

		GB18597-2001 GB18597-2001	GB18597-2001 GB18597-2023	
		GB12348-2008 3	GB12348-2008 3	

n-~~US~~ ěň Vň yt8@tPîÂyp8001 re f* 84.744 298.39 031<19%

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				/	/
	100 / 10 / 2 0.4 / 1.6 /	100 / 10 0.4 / 1.6 / 2 /		/	/
	30000t/a HW02 HW03 HW04 HW05 HW06 HW08 HW09 HW11 HW12 HW13 HW14 HW16 HW18 HW37 HW38 HW39 HW40 HW45 HW49 19 223	30000t/a HW02 HW03 HW04 HW05 HW06 HW08 HW09 HW11 HW12 HW13 HW14 HW16 HW17 HW18 HW22 HW29 HW37 HW38 HW39 HW40 HW45 HW49 HW50 23 258	30000t/a HW17 HW22 HW29 HW50 4 HW49 1 35	38 424	
	20000t/a HW17 HW18 HW21 HW22 HW23 HW24 HW25 HW26 HW27 HW29 HW31 HW32 HW33 HW34 HW35	20000t/a HW02 HW04 HW11 HW12 HW13 HW17 HW18 HW21 HW22 HW23 HW24 HW25 HW26 HW27 HW29	16000t/a		

[illegible]

		GB18484-2020 50m 1.3m SCR DA001 50m 1.3m 1# DA002 25m 0.85m 1# 2# + DA003 25m 2.4m 3# + DA004 25m 1.5m 4# + DA005 25m 1m	GB18484-2020 50m 1.3m SCR DA001 50m 1.3m 1# DA002 25m 0.85m 1# 2# + DA003 25m 2.4m 3# + 25m 1.5m 4# + DA005 25m 1m + DA004			
					/	/

		1518m ² 1385.91m ²	1385.91m ²		/	/
			2 2#			
		1×10 ⁻⁷ cm/s 6.0m	1×10 ⁻⁷ cm/s		/	/
		1.5m 1.0×10 ⁻⁷ cm/s	1.0×10 ⁻⁷ cm/s 1.5m			
		1600m ³	1600m ³		/	/
		400m ³	400m ³			

1.3.2

1.3.2.1

(2024 218)

50000 / 30000 / 16000 / 4000 /

38 424

223 202 2024 3 1 2029

2 28

GB18598-2019

38 424

50000 /

1.3-1

	HW02 HW03 HW04 HW05 HW06 HW08 HW09 HW11 HW12 HW13 HW14 HW16 HW18 HW37 HW38 HW39 HW40 HW45 HW49 19 223	HW02 HW03 HW04 HW05 HW06 HW08 HW09 HW11 HW12 HW13 HW14 HW16 HW17 HW18 HW22 HW29 HW37 HW38 HW39 HW40 HW45 HW49 HW50 23 258	30000t/a HW17 HW22 HW29 HW50 4 HW49 1 35
	HW17 HW18 HW21 HW22 HW23 HW24 HW25 HW26 HW27 HW29 HW31 HW32 HW33 HW34 HW35 HW36 HW46 HW47 HW48 HW49 HW50 21 202	HW02 HW04 HW11 HW12 HW13 HW17 HW18 HW21 HW22 HW23 HW24 HW25 HW26 HW27 HW29 HW31 HW32 HW33 HW34 HW35 HW36 HW37 HW38 HW39 HW40 HW45 HW46 HW47 HW48 HW49 HW50 31 332	16000t/a HW02 HW04 HW11 HW12 HW13 HW37 HW38 HW39 HW40 HW45 10 130
		HW09 HW17 HW34 HW35 4 48	4000t/a

1.3.2.2

1.3-2

1	HW02		271-001-02		T
			271-002-02		T
			271-003-02		T
			271-004-02		T
			271-005-02		T
			272-001-02		T
			272-003-02		T
			272-005-02		T
			275-001-02		T
			275-002-02		T
			275-003-02		T
			275-004-02		T
			275-005-02		T

	275-006-02		T
	275-008-02		T
	276-001-02		T
	276-002-02		T
	276-003-02		T
	276-004-02		T
	276-005-02		T
	900-002-003		T
	263-001-04		T
	263-002-04		T

5	HW06		900-401-06	1,1,2- 1,1- 1,2- 1,1,1- /	T I
			900-402-06	1,2,4- /	T I R
			900-404-06	/	T I R
			900-405-06	900-401-06 900-402-06 900-404-06	T I R
			900-407-06	900-401-06 900-402-06 900-404-06	T I R
			900-409-06	900-401-06 900-402-06 900-404-06	T
6	HW08		251-001-08	/ /	T
			251-002-08	- -	T I
			251-003-08		T
			251-004-08		T I
			251-005-08		T I
			251-006-08		T
			251-010-08		T I
			251-011-08		T I
			251-012-08		T
			398-001-08		T
			291-001-08		T I
			900-199-08		T I
			900-200-08		T I
			900-201-08		T I
			900-203-08		T
			900-204-08		T
			900-205-08		T
			900-209-08		T I
			900-210-08		T I
			900-213-08		T I
			900-214-08		T I
			900-215-08		T I
			900-216-08		T I
			900-217-08		T I

			261-029-11	-	T
			261-030-11		T
			261-031-11		T
			261-032-11		T
			261-033-11	1,1,1-	T
			261-034-11	1,1,1-	T
			261-035-11		T
			261-100-11		T
			261-101-11		T R
			261-102-11		T
			261-103-11		T
			261-104-11		T R
			261-105-11		T
			261-106-11		T
			261-107-11		T
			261-108-11		T
			261-109-11		T
			261-110-11		

			772-001-11		T
			900-013-11		T
9	HW12		264-002-12		T
			264-003-12		T
			264-004-12		T
			264-005-12		T
			264-006-12		T
			264-007-12		T
			264-008-12		T
			264-009-12		T
			264-010-12		T
			264-011-12		T
			264-012-12		T
			264-013-12		T

			231-001-16		T
			231-002-16		T

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261-084-45

			336-064-17		T/C
			336-066-17		T
			336-067-17		T
			336-068-17		T
			336-069-17		T
			336-100-17		T
			336-101-17		T
2	HW18		772-003-18		T
			772-004-18		T
			772-005-18		T
3	HW21		193-001-21		T
			193-002-21		T
			261-041-21		T
			261-042-21		T
			261-044-21		T
			261-137-21		T
			261-138-21		T
			314-001-21		T
			314-002-21		T
			314-003-21		T
			336-100-21		T
			398-002-21		T
4	HW22		304-001-22		T
			398-004-22		T
			398-005-22		T
			398-051-22		T
5	HW23		336-103-23		T
			312-001-23		T
			900-021-23		T
6	HW24		261-139-24		T
7	HW25		261-045-25		T

8	HW26		384-002-26		T
9	HW27		261-046-27		T
			261-048-27		T
10	HW29		091-003-29		T
			322-002-29		T
			231-007-29		T
			261-051-29		T
			261-052-29		T
			261-053-29		T
			261-054-29		T
			265-001-29		T,C
			265-002-29		T,C
			265-003-29		T,C
			265-004-29		T
			321-030-29		T
			321-033-29		T
			321-103-29		T
			384-003-29		T
			387-001-29		T
			900-022-29		T
			900-023-29		T
			900-024-29		T
			900-452-29		T
11	HW31		304-002-31		T
			398-052-31		T
			384-004-31		T
			243-001-31		T
			900-052-31		T C
			900-025-31		T
12	HW32		900-026-32		T C
13	HW33		092-003-33		T
			900-027-33 900-028-33		T R

14	HW34		251-014-34		C T
			264-013-34		C T
			261-057-34		C T
			261-058-34		C T
			313-001-34		C T
			336-105-34		C T
			398-005-34		C T
			398-006-34		C T
			398-007-34		C T
			900-300-34		

			367-001-36		T
			373-002-36		T
			900-030-36		T
			900-031-36		T
			900-032-36		T

HW46

17

			321-025-48		T
			321-026-48		R
			321-034-48		T R
			321-027-48		T
			321-028-48		T
			321-029-48		T
21	HW49		309-001-49		R,C
			772-006-49		T/In
			900-046-49		T
22	HW50		251-016-50		T
			251-017-50		T
			251-018-50		T
			251-019-50		T
			261-151-50	/	T
			261-152-50		T
			261-153-50		T
			261-154-50		T
			261-155-50		T
			261-156-50		T
			261-157-50		T
			261-158-50		T
			261-159-50		T
			261-160-50		T
			261-161-50		T
			261-162-50		T
			261-163-50		T
			261-164-50		T
			261-165-50		T
			261-166-50		T
			261-167-50		T
			261-168-50		T
			261-169-50	-	T
			261-170-50		T
			261-171-50		T
			261-172-50		T
			261-173-50		T
			261-174-50		T
			261-175-50		T
			261-176-50		T

			261-177-50	3- -1-	T
			261-178-50	- 3- -1-	T
			261-179-50	2-	T
			261-180-50	2,6-	T
			261-181-50		T
			261-182-50		T
			261-183-50		T
			263-013-50		T
			271-006-50		T
			275-009-50		T

276

3	HW29		231-007-29		T	10
			261-053-29		T	5
			265-001-29		T,C	5
			265-002-29		T,C	5
			384-003-29		T	10
			387-001-29		T	5
			900-023-29		T	5
			900-452-29		T	5
4	HW49		772-006-49		T/In	1000
			251-016-50		T	150
			251-017-50		T	150
			251-018-50		T	150
			251-019-50		T	150
			261-151-50	/	T	300

HW50

5

			276-006-50		T	150

1.3-5

1	HW02		271-001-02		T	45
			271-002-02		T	40
			271-003-02		T	40
			271-004-02		T	40
			271-005-02		T	30
			272-001-02		T	45
			272-003-02		T	30
			272-005-02		T	40
			275-001-02		T	40
			275-002-02		T	45
			275-003-02		T	40
			275-004-02		T	40
			275-005-02		T	40
			275-006-02		T	40
			275-008-02		T	40
			276-001-02		T	45

			263-003-04		T	20
			263-004-04	2,4,5-	T	20
			263-005-04	2,4-2,6-	T	20
			263-006-04		T	20
			263-007-04		T	10
			263-008-04		T	20
			263-009-04		T	20
			263-010-04		T	10
			263-011-04		T	5
			263-012-04		T	10
			900-003-04		T	5
3	HW11		252-012-11		T	40
			261-007-11		T	40
			261-008-11		T	40
			261-009-11		T	40
			261-010-11		T	40
			261-011-11		T	40
			261-012-11		T	40
			261-013-11		T	40
			261-014-11		T	40
			261-015-11		T	40
			261-016-11		T	40
			261-017-11	1,1,1-	T	40
			261-018-11		T	40
			261-019-11		T	40
			261-020-11		T	40
			261-021-11		T	40
			261-022-11		T	40
			261-023-11		T	40
			261-024-11		T	40
			261-025-11	40	T	40

			261-026-11		T	40
			261-027-11	1,1-	T	40
			261-028-11		T	40
			261-029-11	-	T	40
			261-030-11		T	40
			261-031-11		T	40
			261-032-11		T	40
			261-033-11	1,1,1-	T	40
			261-034-11	1,1,1-	T	40
			261-035-11		T	40
			261-100-11		T	40
			261-102-11		T	40
			261-103-11		T	40
			261-105-11		T	40
			261-106-11		T	40
			261-107-11		T	40
			261-108-11		T	40
			261-109-11		T	40
			261-110-11	4,4	T	40
			261-111-11		T	40
			261-113-11		T	40
			261-114-11		T	40
			261-115-11		T	40
			261-116-11		T	40
			261-117-11		T	40
			261-118-11		T	40
			261-119-11		T	40
			261-120-11		T	40
			261-121-11		T	40
			261-122-11		T	40
			261-123-11			

			900-013-11		T	40
4	HW12		264-002-12		T	20
			264-003-12		T	20
			264-004-12		T	20
			264-005-12		T	20
			264-006-12		T	20
			264-007-12		T	20
			264-008-12		T	20
			264-009-12		T	20
				T	50	

264-

			261-080-45		T	20
			261-081-45		T	20
			261-082-45		T	10
			261-084-45	HW04 HW06 HW11 HW12 HW13 HW39	T	20
			261-085-45	HW06 HW39	T	10

1.3-6

1	HW09 / /		900-005-09	/ /	T	300
			900-006-09	/	T	300
			900-007-09	/ /	T	400
2	HW17		336-052-17		T	200
			336-053-17		T	100
			336-054-17		T	100
			336-055-17		T	200
			336-056-17		T	200
			336-057-17		T	100
			336-058-17		T	200
			336-060-17		T	200
			336-062-17		T	100
			336-063-17		T	100
			336-064-17		T/C	200
			336-066-17		T	100
			336-069-17		T	100
			336-101-17		T	100
3	HW34		251-014-34		C T	20
			264-013-34		C T	30
			261-057-34		C T	30
			261-058-34		C T	40
			313-001-34		C T	40
			336-105-34		C T	40
			398-005-34		C T	50
			398-006-34		C T	40
			398-007-34		C T	50

			900-300-34		C T	50
			900-301-34		C T	40
			900-302-34		C T	50
			900-303-34		C T	40
			900-304-34		C T	50
			900-305-34		C T	50
			900-306-34		C T	50
			900-307-34		C T	40
			900-308-34		C T	40
			900-349-34		C T	50
			251-015-35		C T	20
			261-059-35		C	20
			193-003-35		C R	10
			221-002-35		C T	10
			900-350-35		C	20
			900-351-35		C	20
			900-352-35		C T	20
			900-353-35		C T	20
			900-354-35		C T	10
			900-355-35		C T	10
			900-356-35		C T	20
			900-399-35		C T	20

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GB 18484-2020

2021

						HW02	HW03	HW04	HW05	HW06	HW08
HW09	HW11	HW12	HW13	HW14	HW16	HW17	HW18	HW22	HW29	HW37	
HW38	HW39	HW40	HW45	HW49	HW50		23	258			

/

					HW02	HW04	HW11	HW12	HW13	HW17
HW18	HW21	HW22	HW23	HW24	HW25	HW26	HW27	HW29	HW31	HW32
HW33	HW34	HW35	HW36	HW37	HW38	HW39	HW40	HW45	HW46	HW47
HW48	HW49	HW50	31	332						

/ / /

1.3-7

			t/a			t/a	
1	HW02		3500	/	HW17	2000	

1.3-8

		t/a		
1	HW02	2700	800	0
2	HW03	1200	0	0
3	HW04	400	200	0
4	HW05	40	0	0
5	HW06	1200	0	0
6	HW08	1000	0	0
7	HW09 / /	0	0	1000
8	HW11	10370	2630	0
9	HW12	1100	260	0
10	HW13	600	100	0
11	HHW14	20	0	0
12	HW16	20	0	0
13	HW17	200	0	2000
14	HW18	300	2550	0
15	HW21	0	500	0
16	HW22	100	400	0
17	HW23	0	500	0
18	HW24	0	500	0
19	HW25	0	250	0
20	HW26	0	250	0
21	HW27	0	250	0

1.3.3

	HW09	1000t/a	HW17
2000t/a	HW34	800t/a	HW35
	4000t/a		200t/a

1.3-6

1

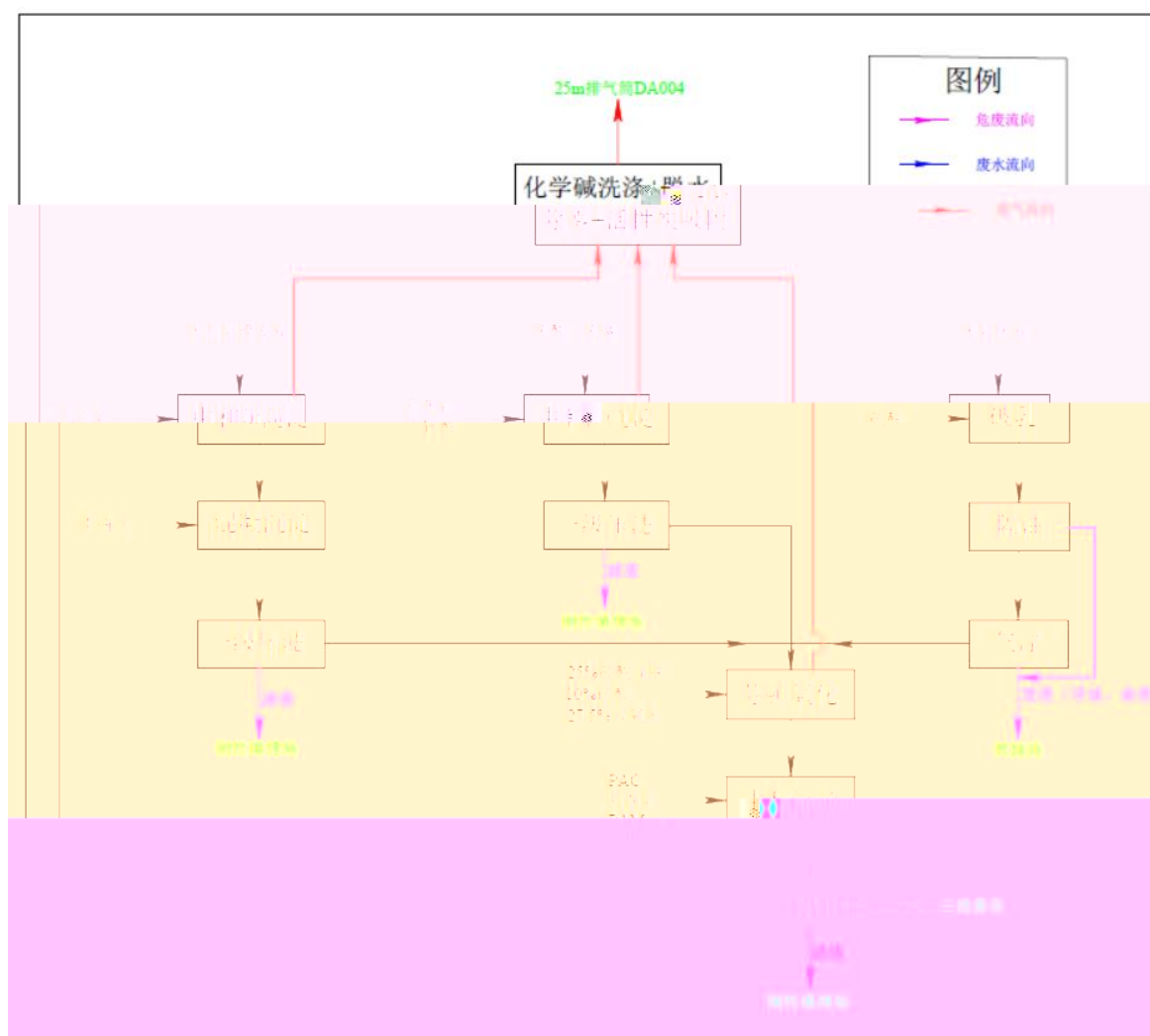
1.3-9

1.3-9

1	HW09 / /	COD 40000~200000mg/L 100~1000mg/L mg/L
2	HW17	COD 3000~10000mg/L
3	HW34	[H ⁺ COD 2000~20000mg/L
4	HW35	[OH ⁻ COD 5000~50000mg/L

2

1.3-1



1.3-1

1

/ /

HW09

pH

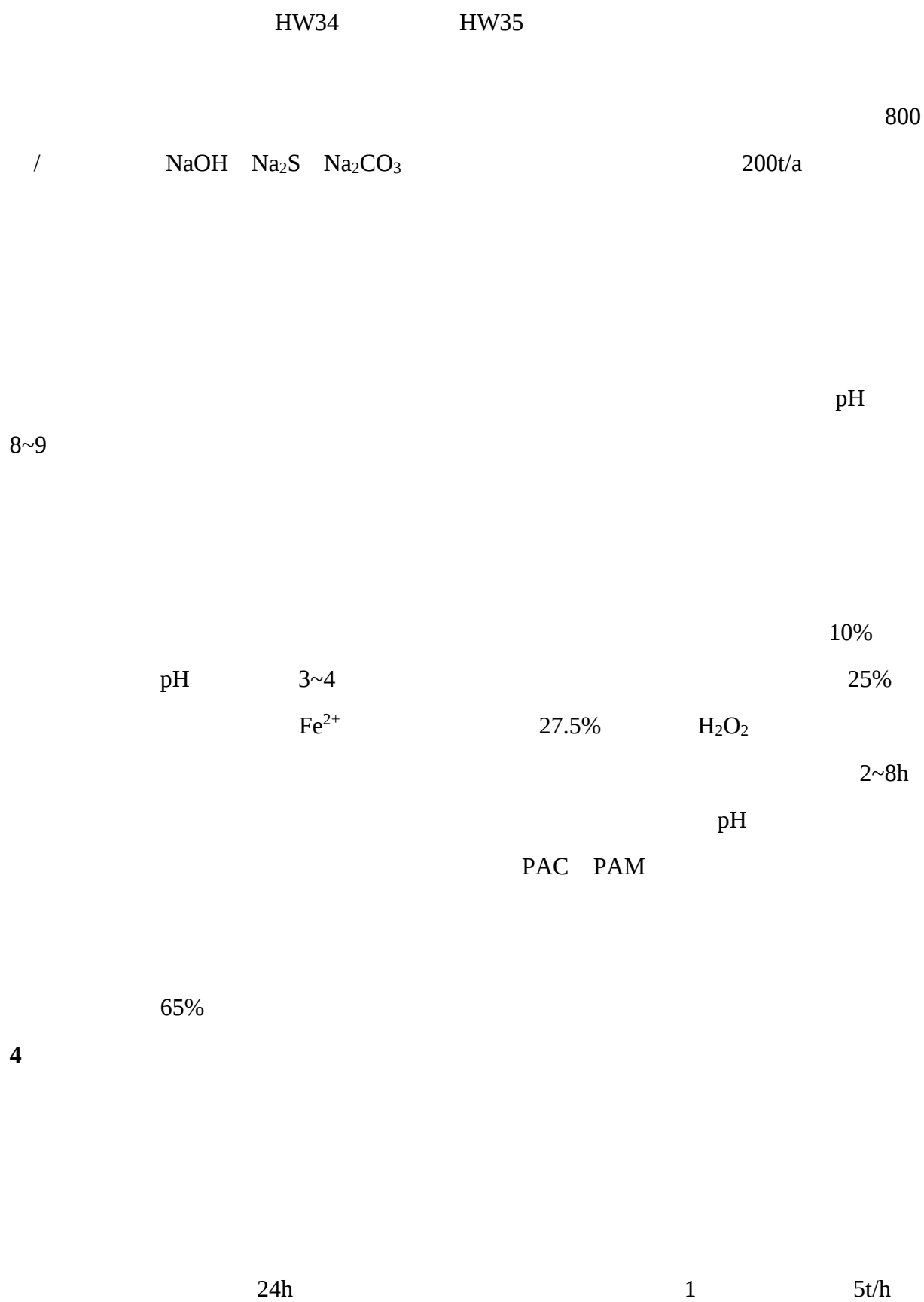
2

HW17

				pH	
		Zn ²⁺	Cr ³⁺	Sn ²⁺	Ni ²⁺
PAM	PAC	Cu ²⁺			pH

PAM

3



1.4-1

[2020]688

[2020]688	<						
		30%	30000 /	20000 /			
			19 223	23 258			
			21 202	31 332			
			4	48			
>							
[2020]688		10%					
[2020]688		1					
		2					
		3					

		410%			
		10%			
		610%			
		10%			
		10%			

2

2.1

2.1-1

2.1-1

1			5km	

2

B

500m
2000m

		GB36600-2018	
		GB15618-2018	

2.2-3

		GB18484-2020	
		GB14554-93	
		GB16297-1996 2	
	VOCs	GB16297-1996 2	
		GB37822-2019 A	
		GB18598-2019 2	
		GB18598-2019 2 (GB8978-1996) 4	

3

3.1

3.1.1

G1

G2

G3

G4

G5

3.1-1

	G1		CO	SO ₂	HF	HCl	SNCR	+		+	DA001
			NO _x	Hg	Pb	Cd	As	+		+	
			Cr					+		+	
			Sn+Sb+Cu+Mn+Ni+Co					+		+	
			NH ₃								
	G2	G2-1	NH ₃	VOCs	H ₂ S						DA002
		G2-2	NH ₃	VOCs	H ₂ S		1#				
		G2-3	NH ₃	H ₂ S				+		+	

		NH ₃ H ₂ S VOCs		/
		NH ₃ H ₂ S VOCs		
		NH ₃ H ₂ S VOCs		/

3.1.2

1

1

1500kcal/kg

1500 4000kcal/kg

4000kcal/kg

2

3.1-2

密度 (kg/m ³)	低热值 (kcal/kg)	W	A	C	H	O	N	S	Cl	F	H g	C d	Pb	As	Cr
3)			g)		%										
0.1	0.1	0.1	2.1	4.1	850	350	15	3	4	16	0.3	0.5	1.4	0.0	
5	4	6	5	7	1000	3900	11	3	4	0	0	5	9	5	

$$+ \quad + \quad + \quad + \quad + \quad + \quad +$$

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/ / / / /

- 1
- 2
- 3
- 4
- 5

1

2

P₂O₅ 400~700

P₂O₅

3

4

5

6

HW17 HW22 HW29 HW50

4

HW49

1

35

HW02 HW03 HW04 HW05 HW06 HW08 HW09 HW11

HW12 HW13 HW14 HW16 HW17 HW18 HW22 HW29 HW37 HW38 HW39

HW40 HW45 HW49 HW50 23 258

15.17 /

100

15.17%

SO₂ NO_x HCl

HF CO

HCl

PVC

HF

SO₂

0#

NO_x

CO

CO

Ah-R

75

— —

PCDDs

135

PCDFs

PCBs

7

PCDDs

10

PCDFs

12

PCBs

2 3 7 8-TCDD

a.

PCDDs/PCDFs

PCDDs/PCDFs

PCDDs/PCDFs

b.

C H O N S Cl

CxHy CxHy

CO2 H2O

c.

250

SNCR

7200h 90000m³/h 3.888t/a

8ppm 6mg/m³

SO₂ NO₂ HCl HF

+ + + + + + +

50

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3.1-2								mg/Nm ³				
SO ₂	NO _x	CO	HCl	HF	Hg	Cd	Pb	As	Cr	Sn+Sb+Cu+Mn+Ni+Co*	TEQng/m ³	

2

1

G2

VOCs NH₃ H₂S
4 /h 7000m³/h 2 /h
22200m³/h 3300m³/h
20000Nm³/h
95%
+ +
12500m³/h 90%
25000m³/h
25m DA002 H₂S NH₃
VOCs H₂S NH₃ VOCs
25000m³/h +
+ 1 DA002 25m 0.85m

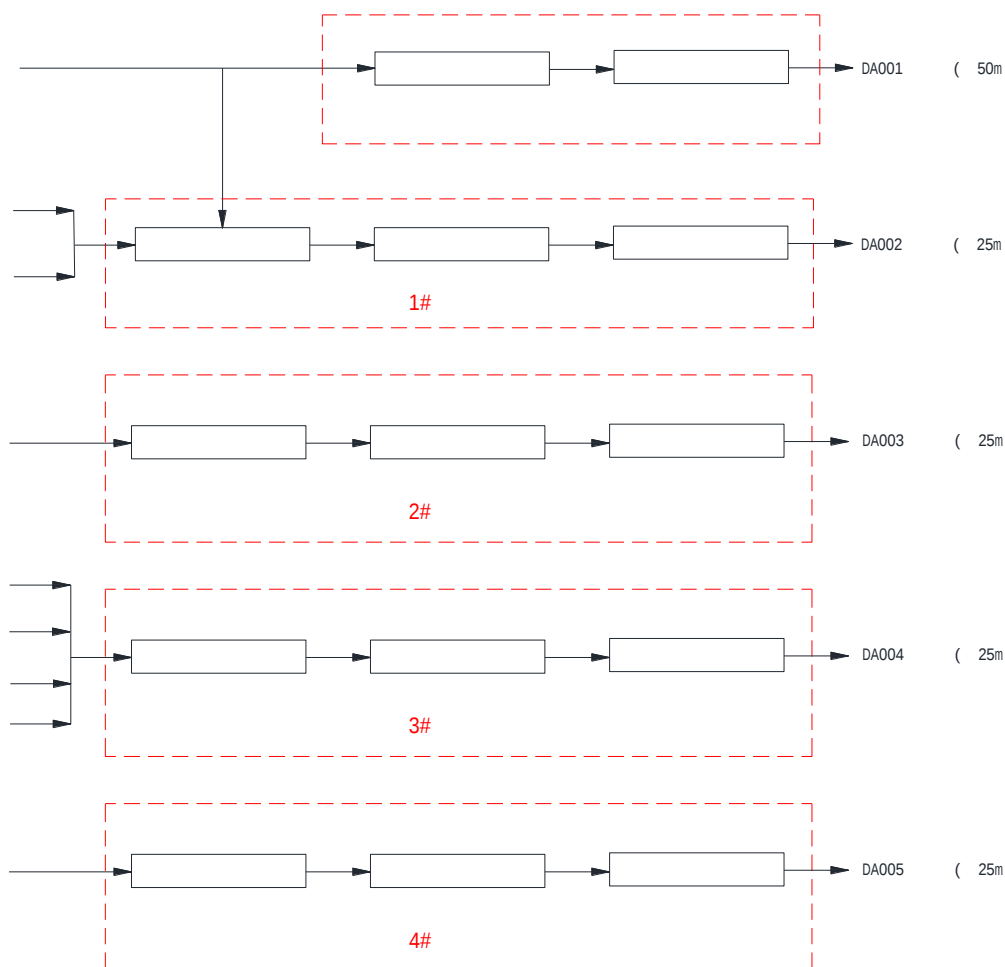
2

G3

VOCs H₂S NH₃ 7
3 4
4 /h 2 /h 1 4
1 3 2 5
11955.6m³/h 44586.4m³/h 18786.2m³/h 1753.5m³/h 876.7m³/h
41324.0m³/h 20662.0m³/h 139944.5m³/h 1.1
140000m³ + + 2
25m DA003
VOCs H₂S NH₃ H₂S NH₃ VOCs

[illegible]

	VOCs	H ₂ S	NH ₃		VOCs	H ₂ S	NH ₃
					28000m ³ /h		
+	+		1	DA005	25m	1m	



3.1-1

3.1-3

		h/a	Nm ³ /h													
					mg/m ³	kg/h	t/a	mg/m ³	kg/h	t/a		mg/m ³	kg/h	m	m	
DA 001		7200	90000		15	1.35	9.72	15	1.35	9.72	0	20	/	50	1.3	
				SO ₂	60	5.4	38.88	50	4.5	32.4	-6.48	80	/			
				NO _x	180	16.2	116.64	150	13.5	97.2	-19.44	250	/			
				CO	50	4.5	32.4	50	4.5	32.4	0	80	/			
				HCl	10	0.9	6.48	8	0.78	5.18	-0.13	50	/			
				HF	1.5	0.135	0.972	1.2	0.108	0.778	-0.194	2	/			
				Hg*	0.008	0.00072	0.005184	0.008	0.00072	0.005184	0	0.05	/			
				Cd*	0.006	0.00054	0.003888	0.006	0.00054	0.003888	0	0.05	/			
				Pb*	0.008	0.00072	0.005184	0.008	0.00072	0.005184	0	0.5	/			
				As*	0.006	0.00054	0.003888	0.006	0.00054	0.003888	0	0.5	/			
				Cr*	0.002	0.00018	0.001296	0.002	0.00018	0.001296	0	0.5	/			
				Sn+Sb+Cu+Mn+Ni+Co*	0.02	0.0018	0.01296	0.02	0.0018	0.01296	0	2	/			
					0.3TEQng/m ³	g/h	194.4TEQmg/a	0.3TEQng/m ³	h	194.4TEQmg/a	0	0.5TEQng/m ³	/			
				NH ₃	6	0.54	3.888	6	0.54	3.888	0	/	75			
DA 002		7200	12500		0.8595	0.0107	0.0851	0.8595	0.0107	0.0851	0	120	14.45	25	0.85	
				NH ₃	0.9953	0.0124	0.0985	0.9953	0.0124	0.0985	0	/	14			

				VOCs	0.404	0.0323	0.2557	0.404	0.0323	0.2557	0	120	35				
					500			500			/	6000					
				HCl	0.368	0.0294	0.2332	0.368	0.0294	0.2332	0	100	0.915				
					0.184	0.0147	0.1166	0.184	0.0147	0.1166	0	45	5.7				
DA 005		7920	28000	NH ₃	0.057	0.002	0.013	0.057	0.002	0.013	0	/	14	25	1.0		
				H ₂ S	0.078	0.002	0.017	0.078	0.002	0.017	0	/	0.9				
				VOCs	0.468	0.013	0.104	0.468	0.013	0.104	0	120	35				
					500			500			/	6000					

*

VOCs

8			0.3076	0.3076	0	57	24	8
		NH ₃	0.0065	0.0065	0			
		H ₂ S	0.0089	0.0089	0			
		VOCs	0.0533	0.0533	0			
9		NH ₃	0.0067	0.0067	0	42	26.4	7
		H ₂ S	0.0091	0.0091	0			
		VOCs	0.0546	0.0546	0			
10		NH ₃	0.0111	0.0111	0	102	30	15
		H ₂ S	0.0152	0.0152	0			
		VOCs	0.0910	0.0910	0			
11		NH ₃	0.0005	0.0005	0	28	17.4	8
		H ₂ S	0.0003	0.0003	0			
		VOCs	0.0156	0.0156	0			

3.1.3

3.2

3.2.1

1

2

COD BOD₅

3

COD BOD₅

pH

4

3.2-1

	t/a								
			mg/L	t/a	mg/L	t/a			
	32753.4	COD	500	16.37670	500	16.37670	0		
		SS	450	14.73903	450	14.73903	0		

	t/a				
			mg/L	t/a	mg/L
		BOD ₅	350	11.46369	350
			120	3.93041	120
			180	5.8956	180
			100	3.27534	100
			0.006	0.00020	0.006
			0.05	0.00164	0.05
			0.6	0.01965	0.6
			0.2	0.00655	0.2
			0.12	0.00393	0.12
			0.14	0.00459	0.14
			20000	655.06800	20000
		COD	10000	9.9	10000
		BOD ₅	2500	2.475	2500
	990	SS	500	0.495	500
			500	0.495	500
			750	0.725	750
			0.75	7.43E-04	0.75
			0.75	7.43E-04	0.75
			1	0.00099	1
			10	0.0099	10
			20	0.0198	20
			0.00005	4.95E-08	0.00005
			0.03	0.0000297	0.03
			0.008	7.92E-06	0.008
			0.05	4.95E-05	0.05
			0.025	0.00002475	0.025
	11781		0.04	0.0000396	0.04
			0.04	0.0000396	0.04
			7000	6.93	7000
		COD	1500	17.67150	1500
		SS	500	5.89050	500
			20	0.23562	20
			100	1.17810	100
			22.5	0.2651	22.5
			0.5	0.00589	0.5
			0.04	0.00047	0.04
			0.06	0.00071	0.06
			0.1	0.00118	0.1
			2.5	0.02945	2.5

	t/a								
			mg/L	t/a	mg/L	t/a			
			25	0.07695	25	0.07695	0	+A/O+MBR	
		BOD ₅	220	0.67716	220	0.67716	0		
		TN	40	0.12312	40	0.12312	0		
	3301	COD	400	2.1	400	2.1	0	+ + + +	
		SS	200	1.05	200	1.05	0		
			25	0.13125	25	0.13125	0		
		BOD ₅	150	0.7875	150	0.7875	0		
			30	0.1575	30	0.1575	0		
							0		
			1000	3.301	1000	3.301		+A/O+MBR	

51903.4t/a

GB18918-2002 A

3.2.3

3.3

3.3.1

3.3.2

1

2

3

4

5

1.5

3.3.3

3.4

3.4.1

3.4-1

				t/a	t/a		
1				5550	5550	0	
2				1008	1008	0	
3				1840	1840	0	

4

7300d

1

1

2

3

1

COD

COD

COD

207.3m

10.9m

COD

117.6m

148.1m

4

3.6

3.7

30

Hg Cd As Pb

GB15618-2018

GB36600-2018

GB36600-2018

3.8

			COD	2.595t/a	0.26t/a	0.04kg/a	2.06kg/a
5.91kg/a	0.42kg/a	2.63kg/a	SO ₂	38.88t/a	NO _x	116.64t/a	10.3896t/a
VOCs	0.5625t/a	5.2kg/a	5.2kg/a	1.3kg/a	3.9kg/a	3.9kg/a	

4

4.1

100 / 3 / 10 1.6 /
0.4 / 2021
12 22

2021 1176 2022 5 2023 12
91340311MA2WEX8K0C001V 2024 3 1
340311005

4-1

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HW05 HW06 HW08
HW09 HW11 HW12
HW13 HW14 HW16
HW18 HW37 HW38
HW39 HW40 HW45 HW49
19 223

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[2020]688

4.2

4.3