

.....	2
.....	2
.....	7
.....	10
.....	17
.....	25
.....	26
.....	10



B1>|-

HJ 1942—2018

HJ 1039-2019

HJ 1205-2021

2019

CMA

1.

E 113.261733726° N 32.739115866°

~ bP @

900

600

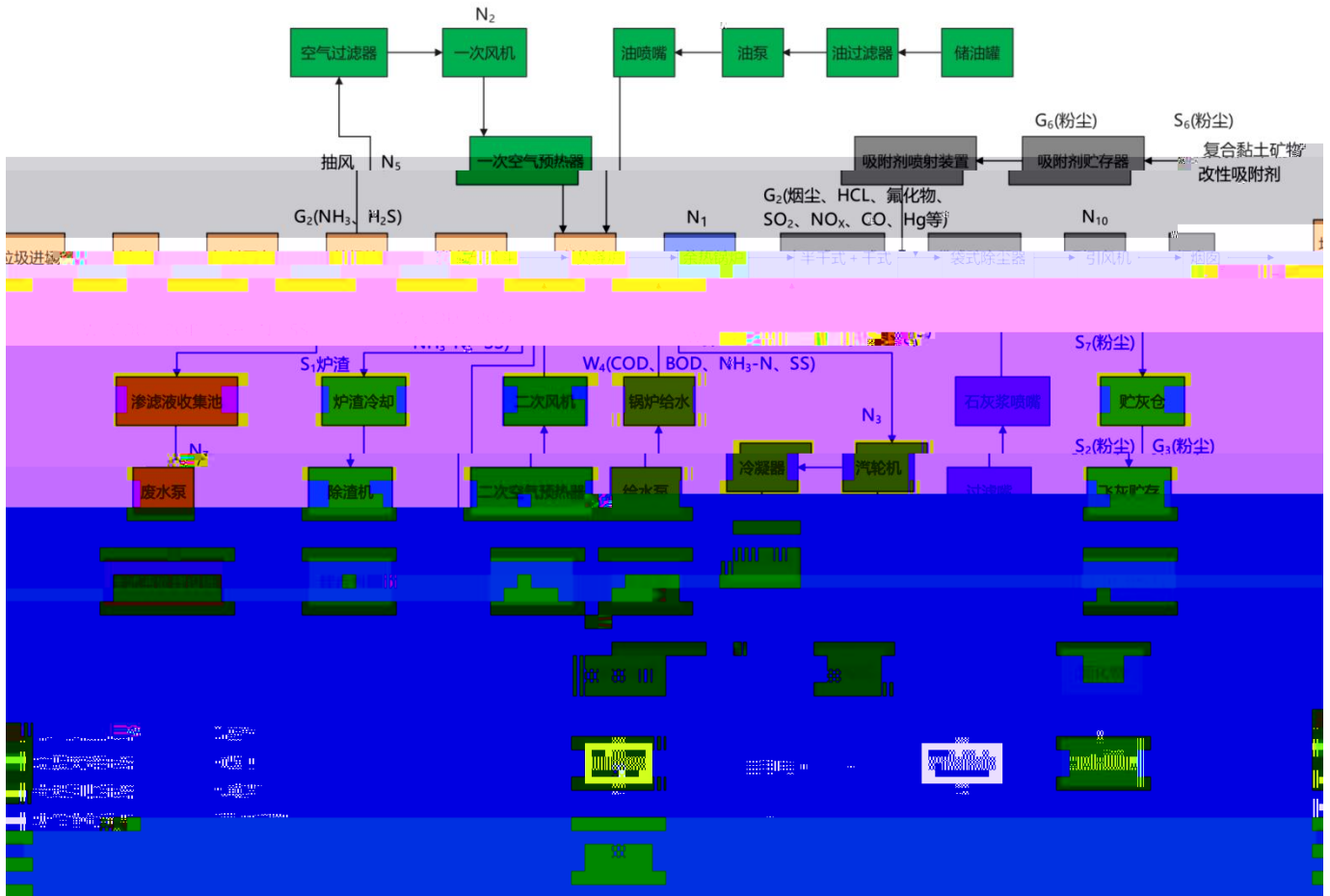
300

600t/d

1*12MW

2019 3 28

1			
2		4417	
3			
4			0396- 3200140
5			18339225573
6		600t/d 1 67.36× 106 kWh	1 600 t/d 1 12MW 21.9
7		21.9 / kWh	79.55× 10
8		2019 1 2022 8	2019 3 2019 3
9		2021 1 25 23 2024 7 2 2024 12 27 2025 6 30	91411726M45H-KEX4001V 2021 09 2023 8 1
10		31469.26 18.4%	5780.19
11		2020 1	2021 9
12			8000
13		50473	27836



DW00

1

pH COD BOD

" +
+
+
+
"

"
+
+UASB
+

pH COD BOD SS

MBR
A/O+ +
RO "

" +
+MBR
+
NF +
RO "

		<p>Cd Pb Ni As</p> <p>Hg Cr Cr6+ Cu Zn</p> <p>Be Ba</p>		
		/		

1.

3

3

DW002				
DW001			pH	1 /1
			pH	1 /1
			pH	1 /1

2.

4

	HCL	CO
DA001	1	/1
DA001	1	/1
DA001	2	/1
	Cd+Tl	
DA001	1	/1
	Sb+As+Pb+Cr	+Co+Cu+Mn+Ni
DA002	1	/1
DA007		

ρ / ρ /

↓DA004

			A	↓ ↓
				1 /1

DA003

ρ
ρ

3

DA008				↓ ↓ 1 /1
DA006			SO ₂ NO _x NH ₃ H ₂ S HCl HF H ₂ CO ₃ BP CO II PM ₁₀ PM _{2.5} 205 105	↓
				↓ ↓

				1 /1 1 /1
			Cd Pb Ni As Hg Cr Cr6+ Cu Zn Be Ba	1 /1
				1 /1

5

7

7

				1 /1
			1-45	

1.

GB/T 14848-2017

4-1

	DW001	pH	6-9	BCD COD GB8978-1996 pH
			280 mg/L	
			355 mg/L	
			180 mg/L	
			28 mg/L	
			100 mg/L	
			20 mg/L	

			/	
--	--	--	---	--



			1.00 mg/L	
			3.0 MPN/100 mL	

2.

DB 41/2556-2023

4-3

4-3

DA001

10 mg/m³

150 ng/m³

35 mg/m³

20 mg/m³

0.02 mg/m³

0.03 mg/m³

DB

41/2556-2023

0.3 mg/m³

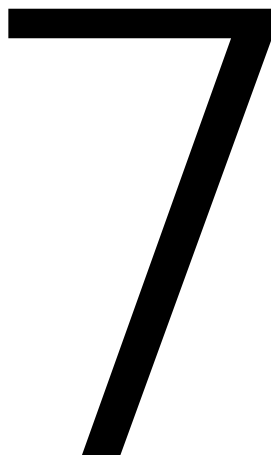
100 mg/m³

0.1 ngTEQ/m³

12 mg/m³

	0.06 mg/m ³	
	20	
	1.5 mg/m ³	GB14554-1993
	1.0 mg/m ³	
		GB16297-1996
		2017 162
HE	2.0 mg/Nm ³	
PM10	150 μg/m ³	
PM2.5	75 μg/m ³	
SO2	150 μg/m ³	
NO2	80 μg/m ³	
HCL	15	
HF	7	
Hg		

GB3095-2012



3.

GB 12348-2008 2

4-4

4-4

		dB A		
	A	60	50	GB 12348-2008 2
		/	60	
		/	65	

			5%	GB 18485-2014
			3μ g TEQ/kg	GB 16889-2008
			30%	

5.

GB

36600-2018

4-6

4-6

	20cm		60 mg/kg	GB 36600-2018
			65 mg/kg	
			5.7 mg/kg	
			18000 mg/kg	
			800 mg/kg	
			38 mg/kg	
			900 mg/kg	
			2.8 mg/kg	
			0.9 mg/kg	
			37 mg/kg	
		1, 1-	9 mg/kg	
		1, 2-	5 mg/kg	
		1, 1-	66 mg/kg	
		1, 2-	596 mg/kg	
		1, 2-	54 mg/kg	
			616 mg/kg	
		1, 2-	5 mg/kg	
		1, 1, 1, 2-	10 mg/kg	
		1, 1, 2, 2-	6.8 mg/kg	
			53 mg/kg	
		1, 1, 1-	840 mg/kg	
		1, 1, 2-	2.8 mg/kg	
			2.8 mg/kg	
		1, 2, 3-	0.5 mg/kg	

			0.43 mg/kg	
			4 mg/kg	
			270 mg/kg	
		1, 2-	560 mg/kg	
		1, 4-	20 mg/kg	
			28 mg/kg	
			1290 mg/kg	
			1200 mg/kg	
		+	570 mg/kg	
			640 mg/kg	
			76 mg/kg	
			260 mg/kg	
		2-	2256 mg/kg	
		[a]	15 mg/kg	
		[a]	1.5 mg/kg	
		[b]	15 mg/kg	
		[k]	151 mg/kg	
			1293 mg/kg	
		[a, h]	1.5 mg/kg	
		[1, 2, 3-cd]	15 mg/kg	
			70 mg/kg	
			1×10^5 mg/kg	

65

HJ 700-2014

32

HJ
776-2015

N

				F ⁻	Cl ⁻	NO ₂ ⁻
	Br ⁻	NO ₃ ⁻	PO ₄ ³⁻	SO ₃ ²⁻	SO ₄ ²⁻	

HJ 84-2016

O₂

		GB/T 5750. 6- 2023	
			2002

2

5-2

5-2

HJ

543- 2009

0^a"D\$Ä" "D

HJ 657- 2013

210 Da Di s@ñe yTRu' % Ä

HJ 836- 2017

HJ 57- 2017

e

	-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-	HJ 605-2011	-
	-		
	-		
	2-		-
	[a]	HJ 834-2017	
	[a]		

HJ/T166- 2004

HJ 164- 2020

0~4

0~4

0~4

HJ/T166- 2004

13-1

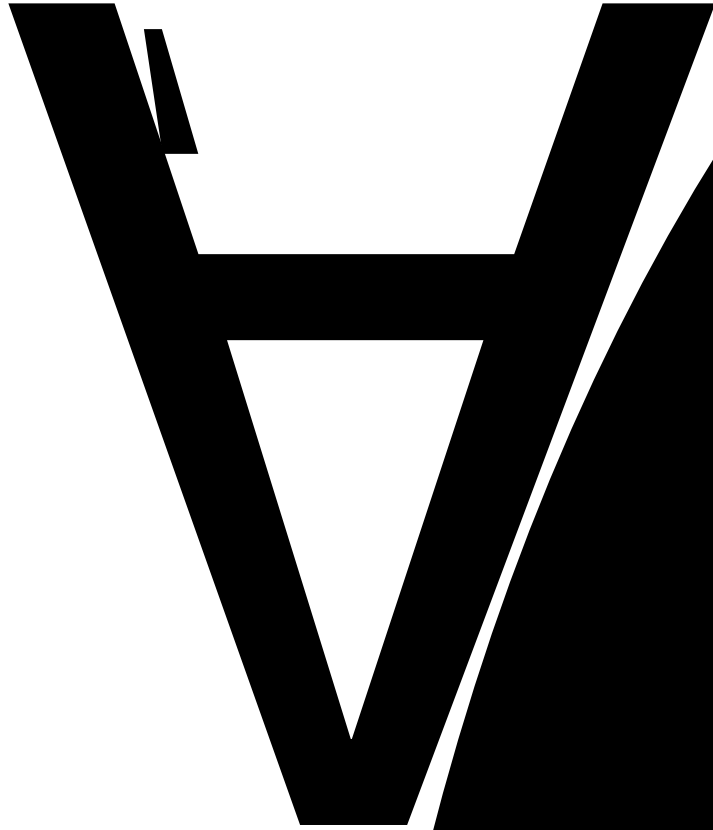
13-2

HJ164- 2020

1.

2.

“ ”



pH



