4

1

2 2026 6 18

1

2

2026 6 18

2026 6

2606-370791-89-01-448006

05365128832

119 3 26.509 37 9 46.902
119 3 10.287
37 8 46.185
119 3 5.497 37 8 10.419
254.8m^2
148 4880m^2
m^2 / km 3139m
1283m

/ / 2606-370791-89-01-448006

** **

** 3
%

1

3

2024-2035

2024 6

2024-2035

		1 3 20 m³/d 8 m³/d 6 m³/d 6 m³/d 12 m³/d 12 m³/d 32 m³/d 12 m³/d 20 m³/d 1 15 m³/d 15 m³/d 0.5 m³/d 1 m³/d 1.0 m³/d 2.5 m³/d 1.0 m³/d 3.0 m³/d		
		2 1.3 m³/d 2.0 m³/d 8.0 m³/d 12.0 m³/d 1.5 m³/d 3.0 m³/d 2.0 m³/d 5.0 m³/d 0.6 m³/d 1.2 m³/d		
		3 2 110KV 2 80MVA 1-2 / 110KV 110KV 220KV 110kV 220KV		
		4 LNG		

2021-2035

2021-2035

“

”

“

”

“ ”

1

2

3

4

2606-370791-89-01-448006

2025

4.6km 7 6

“ ”

2026 2024

2026 25

	ZH37070320004		
	1. 2. “ ” 3. 4. 5.	“ ”	

6.

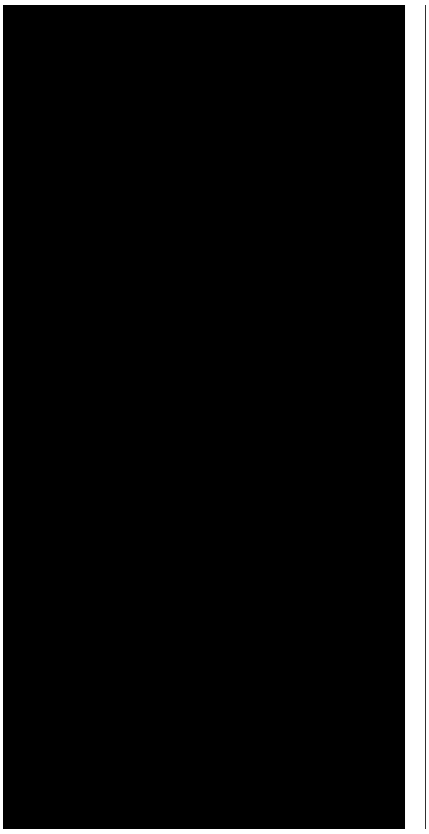
7.

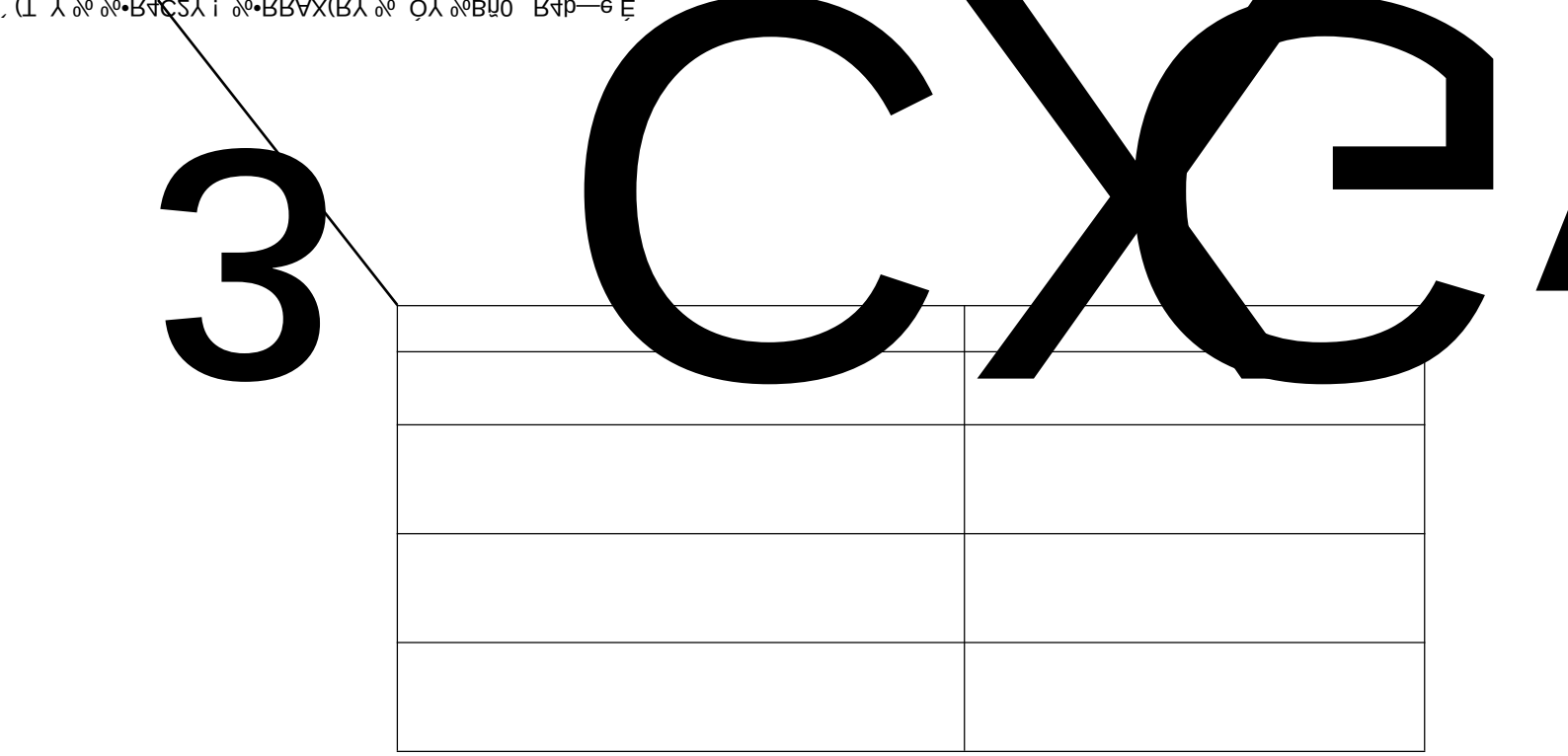
1.

6.

7. “
”

8. N





2 2018

***

40m^3/h 2

***

8082 119 3

26.509 37 9 46.902

3139m *** 4422m

/

31% -46.2 -20 /

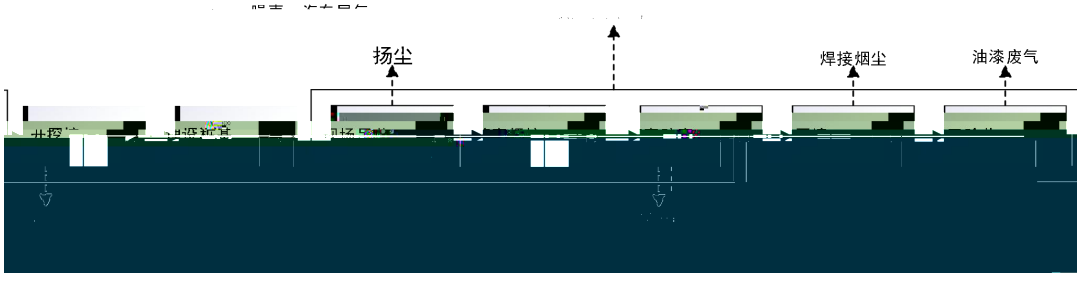
2-2

2-3

mm	DN150
kg/m^3	1155
MPa	0.3
	35
MPa	0.3
t/h	***
	***
	***m

1

2-1

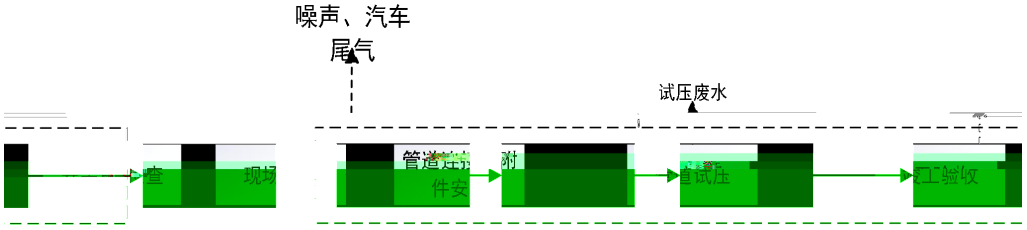


2

.1MPa

0 0

-2



02 02

1

1

GB3095-2026

GB3838-2002

GB/T14848-2017

GB3096-2008

3

GB36600-2018

2

2013

3 “ - ”

3

2015 “ -

- ”

2

1

5 12 22

80

4

“ ”

6

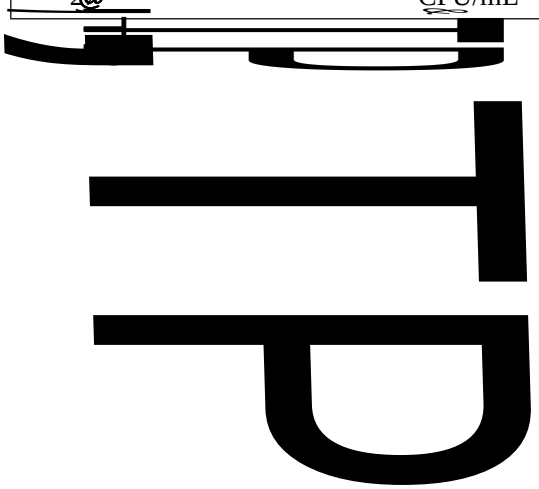
GB3838-2002

2025 7 17

mg/L

1	pH	7.7
2		1.00
3		1.76
4		0.209
5		0.0003L
6		1.27
		1.18
8		

24		0.002L
25		0.82
26	MPN/100mL	
27	CFU/mL	73



							-1 2-			1 2-			
3#	0-0.5m	2024.06.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	0.5-1.5m		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1.5-3.0m		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4#	0-0.5m		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	0.5-1.5m		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1.5-3.0m		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
			μg/kg										
			1 1 2-		1 2 3-				1 2-	1 4-			
3#	0-0.5m	2024.06.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	0.5-1.5m		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1.5-3.0m		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4#	0-0.5m		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	0.5-1.5m		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1.5-3.0m		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
			mg/kg										
			- μg/kg	μg/kg			2-	[a]	[a]	[b]	[k]		
3#	0-0.5m	2024.06.12	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	0.5-1.5m		ND	ND	ND	ND	ND	ND	ND	ND	ND		
	1.5-3.0m		ND	ND	ND	ND	ND	ND	ND	ND	ND		
4#	0-0.5m		ND	ND	ND	ND	ND	ND	ND	ND	ND		
	0.5-1.5m		ND	ND	ND	ND	ND	ND	ND	ND	ND		
	1.5-3.0m		ND	ND	ND	ND	ND	ND	ND	ND	ND		
			mg/kg										
			[1 2 3-cd]				[a h]		C_{10}-C_{40}				

3#	0-0.5m	2024.06.12	ND	ND	ND	ND	33
	0.5-1.5m		ND	ND	ND	ND	31
	1.5-3.0m		ND	ND	ND	ND	34
4#	0-0.5m		ND	ND	ND	ND	33
	0.5-1.5m		ND	ND	ND	ND	21
	1.5-3.0m		ND	ND	ND	ND	22

GB36600-2018

2017 2024 11

2025

	500m				GB3095-2026
	200m				GB3096-2008 3
		SW	1470	/	GB3838-2002
					GB/T14848-2017
	200m				GB36600-2018
	300m				/

1 Å 1)ß ³Eé €Ð ` 3%

	GB18597-2023 1 2 3 GB12348-2008 3 4

1

1

SO_2 NO_2 CO

3

CO NO_2

2

1

20 90 50L/d·

80% 0.8m^3/d

72m^3

2

SS

3

51.5m^3

3

75 90dB A

1283

300m

4

1

20 90 1kg/ ·d

0.02t/d 1.8t/a

2

1220m

2

4

1220

Nþ

1

2018

m Ä

PM_{10} $PM_{2.5}$

2

1

24 Ï

2

3

4

1

2

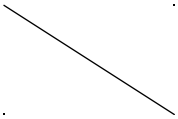
3

1

2

3

	240	12	5.0%
			2
			1
			0.5
			0.5
			1
			7
			12



1

2

3

4

		GB18597- 2023		
	/	/	/	/
	1 2 3 4		1 2 3	
	/	/	/	/
	/	/	/	/

1

HJ169-2018 B

/

1	***	
2	***	801-1
3	***	801-1 808
4	***	801-1
5	***	
6	***	

				3
13	***	806		1 2 3 4
14	***	806		1 2 3
15	***	805		1 2 3 4
16	***	806		1 2 3
17	***	808		1 2
18	***	805	2	1 2 3 4
19	***			
20	***			

*** 1 *** 2 ***2 ***1

1 * 1

***

***

3

10	***	161A 807	/			
11	***	806 805	/			
12	***	806 805	/			
13	***	806				
14	***	806				
15	***	805	/			
16	***	805	/			
17	***	808	/			
18	***	2 805				
19	***		/			

6400m^3 6600m^3

1

ESD

7		1 1 2 pH 12% 100m3 2

2023 8 25

[- Q3-M2-E2 + -

Q3-M2-E3] 2023 9 7

370703-2023-134-H

HSE

HSE

	8t	1		
	JP32	1		
		1		
		8		
		8		
		16		
		10		
		16		
		16		

		16		
		10		
		10		
		10		
		2		
		2		
		2		HSE
		4		HSE
		1		
		4		
		12		
		120		
		10		
		11		
		4		
		1		
		2		
		1		
		1		
		1		
		2		
		10		
		10		
		1		
		16		
		8		
		1		
		1		
		1		
		1		
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		10		
		1		
		1		
		1		
		1		
		1		
		10		

		1		
		1		
		1		
		1		
		1		
		1		
		2		

< > 2019 17

GB30077—2023

>õ

2019 101

1	“ ”	“ ”
2		
3		
4		
5		
6		2023 9 7 370703-2023-134-H
7		
8		6400m^3
9		
10		

1

HJ169-2018 C

Q

$$Q=\frac{q_2}{Q_1}\quad\frac{q_2}{Q_2}\quad\frac{q_n}{Q}$$

q_1 q_2 … q_n— t

Q_1 Q_2 … Q_n— t

31% HJ

169-2018 B B.1

≥37%	7697-37-2	7.5

Q

DN150 146mm 0.01673m^2 4422m

$$m=V\times\rho$$

m— t

V— m^3

ρ— t/m^3

	7647-01-0		71.1	7.5	9.48
Q					9.48
37%					

Q 9.48 1≤Q 10

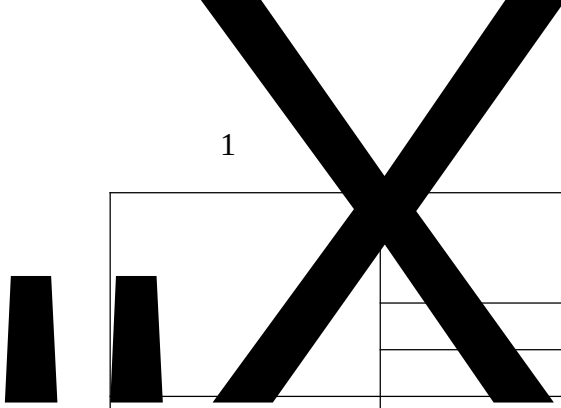
2 M

HJ169-2018

C C.1 M

		10/

1



		5/
	a	5/
/	/	10
	b	10
		5
a 300 P 10.0MPa b		

“ ” M =10 M3

3

	M1	M2	M3	M4
Q 100	P1	P1	P2	P3
10≤Q<100	P1	P2	P3	P4
1≤Q<10	P2	P3	P4	P4

P4

200m

100

E3

2

24h

F3

						/
	E					E3
					24h	/km
	1					
	10km					
	1	--	--	--	--	
	E				E3	
						/m
	1	--	G3		D1	--
	E					E2

	P1	P2	P3	P4
E1	+			
E2				
E3				
+				

C

C

+

a

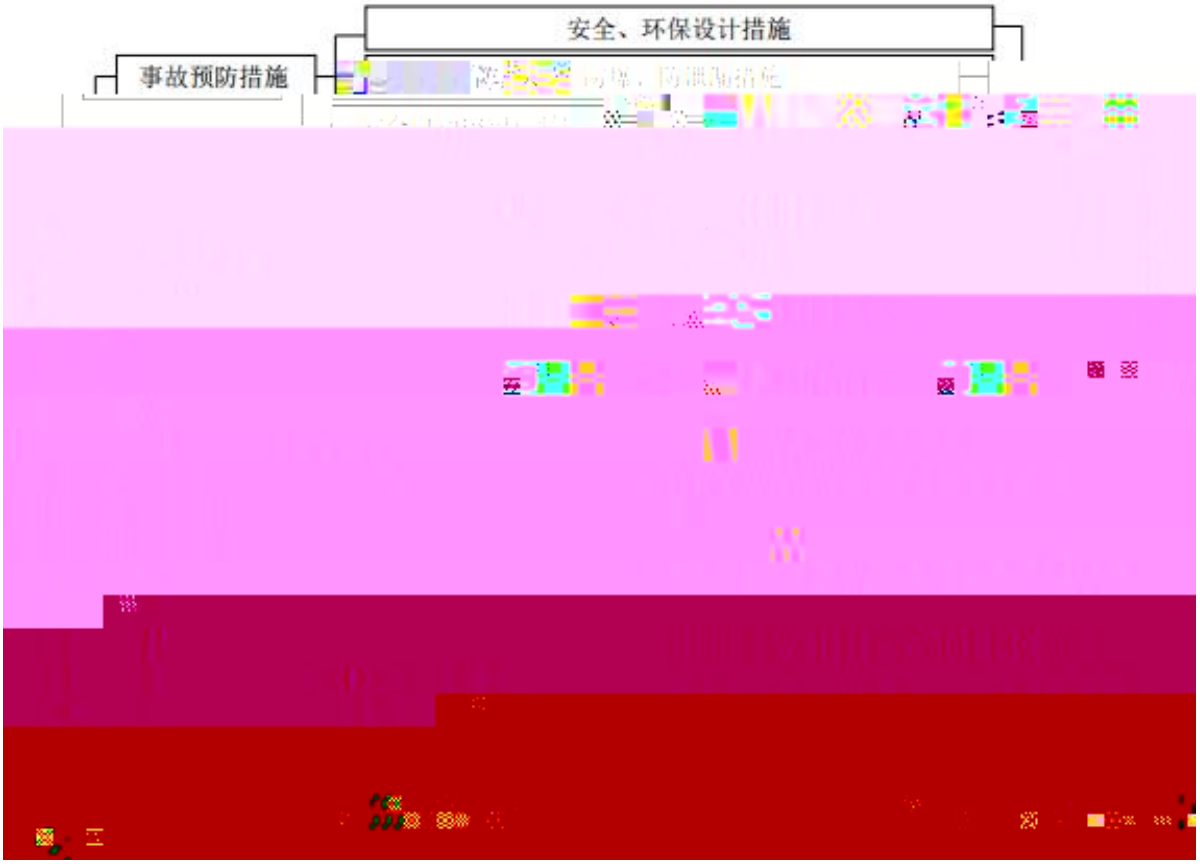
a

HJغي ⁄|

31%

pH

1



2

3

1
2

3

4

1
2

2
1

4

HJ 169-2018

2019 3

/

“ - - / ”

2500m^3

/t 71.1 37%

500m / 5km /

.....1
.....2
3.1 2
3.2 3
3.3 6
3.4 7
.....7
.....7
.....7
.....7

0536-5128832 wss.hbb@cnhu.com

https://www.cnhu.com

5

https://www.cnhu.com

0536-5128832 wss.hbb@cnhu.com

00268

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4

2026 6 18 “ ”

https://www.cnhu.com

区外部长度约 1280 米，管道自新能源材料和环保新材料项目相关装置开始，沿新和成产业园中央管廊向南至厂区边界处西出，从山东新和成产业园西南角穿出，沿着龙威支路东侧综合管廊往南至黄河西街南侧，通过综合管廊跨过龙威支路后下管廊，沿龙威支路东侧往南至海化纯碱厂加压泵站。

二、建设单位名称及联系方式：

建设单位：山东新

4

2026 6 18