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2020 6 2

: 2020 6 2

2020 6

.....1
1 2
1.1 2
1.2 2
1.3 3
1.4 3
1.5 5
1.6 6
2 7
2.1 7
2.2 11
2.3 13
2.4 13
3 19
3.1 19
3.2 20
3.3
.....27
3.4 29
3.5 45
4 49
4.1 49
4.2 49
4.3 50
4.4 51
5 52
5.1 52
5.2 53
5.3 55
5.4 55
5.5 56

6 57
6.1 57
6.2 57
6.3 57
6.4 58
6.5 59
7 62
7.1 62
7.2 62
7.3 62
7.4 63
7.5 65
7.6 67
8 70
8.1 70
8.2 70
8.3 70
8.4 71
8.5 73
9 74
9.1 74
9.2 74
9.3 74
10 75
10.1 75
10.2 75
11 77
11.1 77
11.2 77
11.3 77
11.4 78
11.5 78
12 79

12.1 79
12.2 79
12.3 79
12.4 79
12.5 79
12.6 80
12.7 80
13 81
13.1 81
13.2 81
13.3 84
13.4 85
14 85
14.1 85
14.2 86
14.3 86
14.4 87
15 88
..... 106
16 107
16.1 107
16.2 107
16.3 108
17 113
17.1 113
17.2 113
17.3 114
18 120
18.1 120
18.2 120
18.3 121
..... 125
19 126

19.1 126
19.2 126
19.3 128
19.4 130
..... 132
20 133
20.1 133
20.2 133
20.3 133
20.4 134
20.5 134
20.6 134
20.7 136
20.8 136
20.9 136
20.10 136

1

1.1

1.2

1 [2014] 9

2 2014 12 1

3 2014 12 29

4 2018 1 1

5 c

5Ô

17

18

19

[2012]13

20

[2013]81

21

[2015]19

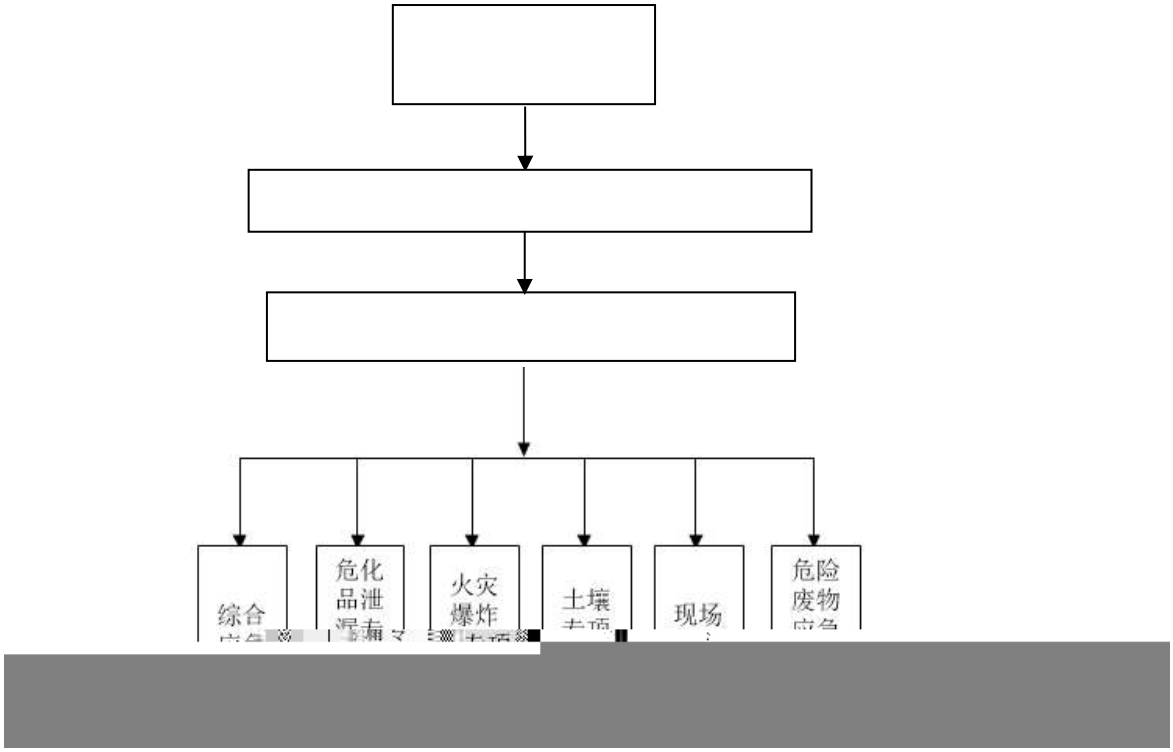
22

1.3

1.4

1 2 1 1

1.4-1



1.4-1

1

2

3

1.4-1

1.4-1

1.5

1.5.1

1.5.2

1.5.3

1.5.4

1.5.5

1.6

1 1 10

5000 500

2

3

4

1 3 10

3000 5000 100 500

2

3 /

4

2

2.1

2.1.1

2016

5 13 5000

2017

5 19

2017 7006

273298.5m^2 127412.5 60 350d 8400h

5 25 75×10^{4}m^3 2 100000m^3

2 50000m^3 1 100000m^3

4 5000m^3 6 20000m^3

2 5000m^3 6 30000m^3

1 10000m^3 1 10000m^3

2.1-1 2.1-2

2.1-3

2.1-1

1			2017 7006	2017.5.19			

2.1-2

			/
	0546-8286889		257000
	91370500MA3CAJKN5L		76
			273298.5m^2
			G5941
			2016
	118.919		37.105

2.1-3

			2×Φ80000×21800 100000m^3	
			2×Φ60000×19350 50000m^3 1×Φ80000×21800 100000m^3	62952m^2
			4×Φ21000×16500 5000m^3 6×Φ42000×17500 20000m^3	26656m^2
			6×Φ40000×22000 30000m^3	25152m^2
			1×Φ30000×16500 10000m^3	
			1×Φ30000×16500 10000m^3	4700m^2
			2×Φ21000×16500 5000m^3	2380m^2
				26.3m³/d
			2 10000m³ 2 DN600 1500m³/h 0.3~0.35MPa 21m³ 1 2	
			10kV 10kV 0.4kV	

		DN500 DN200
		4000Nm^3/h 3000Nm^3/h 500Nm^3/h
		2 450m^3 60m^3/h 1 “ + +A/O+HOT + + ”
		3 “ + ” +
		; 1 108m^2
		1 12500m^3
		30 6 42 12

2.1.2

1

5km

2.1-4

			m	
1		SW	4310	350
2		SW	4570	460
3		SW	4860	320
4		SW	3860	360
5		SW	4280	420
6		SW	4030	160

			m	
7		SW	3890	110
8		S	3520	450
9		SE	3680	650
10		S	4000	120
11		NW	3300	--
12		NW	350	70
13		SE	300	80
14		SE	986	60
15		S	1000	68
16		SW	1530	50

2

3

2-1.5

2-1.5

		m		
1		5100	S	GB3838-2002
2	6km^2	/	/	GB/T14848-2017

4

2.2

2.2.1

2.2.2

0.1‰

0.5 1.0m 2.5 3.0m

10g/L

2.2.3

11.7 39.6 -18.0

549mm 67% S

8.1% SE 7.5% 3.4m/s

9 5 6.3

2.9

35.6 12 8.5 11

7 1.3 50 2.1

2.2.4

1

2.2-1

			——
	—	V	
	—	III	——
	3	3	——

2

1

2019 1 11

2018

2.2-2 **2018**

	μm/m^3	μg/m^3	
SO_2	18	60	
NO_2	36	40	
PM_{10}	94	70	
$PM_{2.5}$	49	35	
O_3	198	160	
CO	1.5	4	

http://huanbao.dongying.gov.cn/art/2019/1/11/art_37847_4471878.html

2018 PM_{10}

$PM_{2.5}$ O_3 GB3095-2012 2018

2

2020 1 20

12 84

COD 32mg/L 0.86mg/L

GB3838-2002 V

3

GB/T14848-2017

4

GB3096-2008

3

5

GB 33600-2018 1

2.3

HJ941-2018

2.3-1

					t	t	
1					166500	2500	
2					166500	2500	
3					94500	2500	
4					132840	2500	
5					7920	10	
6					7785	10	
7					7830	10	

2.4

2.4.1

1

DN450

DN450

2

DN450

DN450

3

DN350

DN250

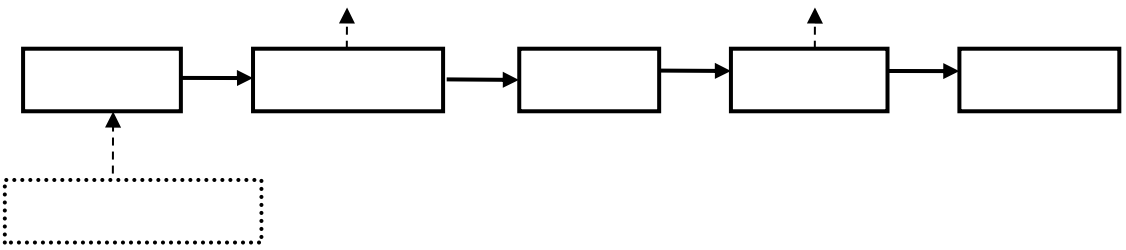
4

DN350

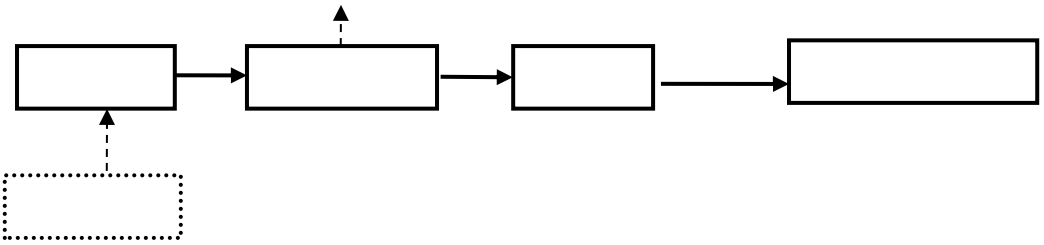
DN250

5

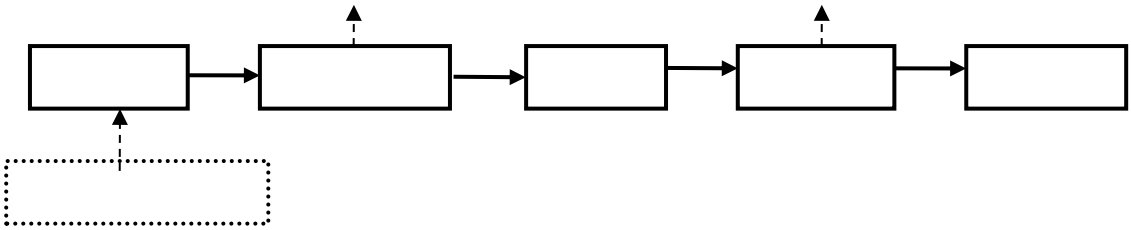
2.4-1~ 2.4-3



2.4-1



2.4- 2



2.4- 3

2.4.2

1 G1 G2

2 W1 W2 W3
W4 W5 W6 W7

3 S1 S2
S3

4 N1

2.4-1

2.4- 1

	G1				+ +	
	G2					

	W1			COD SS		
	W2			COD SS		
	W3			COD SS		
	W4					
	W5					
	W6			COD SS		
	W7			COD SS		
	S1					
	S2					
	S3					
	N1			80 100dB A		

2.4.3

[2009]116

[2013]3

2.4.4

2.4-2

1		100000m^3 Φ80000×21800 344m×132m×2.5m	40	3	--
2		50000m^3 Φ60000×19350 172m×102m×2.5m	40	2	--
3		5000m^3 Φ21000×16500 128m×40m×1.7m		4	
4		20000m^3 Φ42000×17500 180m×120m×1.7m		6	

5		30000m^3 Φ44000×22000 192m×131m×2.1m		6	--
6		10000m^3 Φ30000×16500 94m×50m×1.8m		1	
7		10000m^3 Φ30000×16500 94m×50m×1.8m		1	
8		5000m^3 Φ21000×16500 68m×40m×1.8m		2	
9		200AY75		2	--
10		CZK150-500E		2	--
11		CZK150-500E		2	--
12		CZK150-500A		1	--
13		CZK150-500E		4	--
14		CZK100-315D		1	--
15		CZK100-315D		1	--
16		--	--	2	--
17		--	--	1	--
18		--	--	2	--
19		--	--	2	--
20		--	--	2	--
21		--	--	1	--
22		--	--	1	--
23		--	--	1	--
24		--	--	3	--

2.4.5

2.4-3 ” ”

	m^3/a	22932.95	0	22932.95	
	COD t/a	13.17	12.02	1.15	
	t/a	0.70	0.59	0.11	
	t/a	6.67	6.66	0.01	
		753	682	71	+
		10.34	9.93	0.41	
		25.4	24.38	1.02	

			40.5	38.88	1.62	+
		VOCs	829.24	755.19	74.05	
	t/a		10.5	10.5	0	
	t/5a		104.4	104.4	0	
	80 100dB A GB12348-2008 3					

3.1-2 **Q**

q t q

3

6.0m 1.0×10^{-7}cm/s

1.5m 1.0×10^{-7}cm/s

/ /

/

/

2

1

10min 30min

30min

2

(HJ169-2018)

10min 30min

3

10min

10%

10min 30min

3

3.2-1 DNV

Crossthwaiteetal COVO Study

Canvey 0.9

3.2-1

3.2-1

5000m^3	160mm	6.5×10^{-5}/a	8.7×10^{-5}/a
100000m^3	160mm	6.5×10^{-5}/a	8.7×10^{-5}/a

4

1

1

1 160mm

30min

HJ 169-2018

F

$$\sqrt{2 \quad {}^{0} \quad 2}$$

2

$$\frac{\quad}{0}\quad \frac{2}{2}\quad \frac{4}{2}$$

Q —— kg/s

α n——

P—— Pa

M—— kg/mol

R—— J/ mol·K

T_0—— K

u—— 3.4m/s

r—— m

29m

3.2-2

	n	α
F	0.3	5.285×10^{-3}

3.2-3

3.2-3

	m/s		kg/s	m
	1.5	F	3.15	1.0

3 CO

CO

CO

CO

Gco=2.33×q×C×Q

Gco— CO kg/s

q— % 5% 20% q 5%

C— % C 92.3%

Q— kg/s

158.4kg/s 703.2kg/s

158.4kg/s 158.4kg/s 98.5m

55.4min

CO 17.03kg/s

2

1

$$\sqrt{2 \quad {}_{0} \quad 2}$$

—— kg/s

—— 0.6-0.64 0.62

A—— m^2 0.02 160mm

ρ—— kg/m^3 873

P—— Pa 101000

P_0—— Pa 101000

g —— $9.81m/s^2$

h —— m 19

221.7kg/s

30min 399t

2

HJ 169-2018

$$3 \quad / \quad {}_{0} \quad {}^{2} \ / \ 2 \quad 4 \ / \ 2$$

Q_3—— kg/s

a n——

P—— 15.8KPa

M—— 0.064kg/mol

R—— 8.314J/mol·K

T_0—— 288.8K

u—— m/s

r—— 83.2m 10 m^3

3.2-4

	n	α
F	0.3	5.285×10^{-3}

3.2-5

	m/s		kg/s	m
	1.5	F	3.88	2.5

SO_2 NO_2

CO

3 CO SO_2 NO_2

0.001

mf—— kg $(m^2\cdot s)$

Hc—— 49.5×10^6J/kg

Cp—— 2072J (kg·K)

Tb—— 473K

Ta—— 288.8K

HV—— 474×10^3J kg

2 SO_2

$G_{SO2}=2BS$

G_{SO2}——SO_2 kg/s

B—— kg/s

S——　　S　　1.08%

3　NO_2

$$G_{NO2}=1.63\times B\times \quad N\times\eta_2+0.000938$$

G_{NO2}——NO_2　　kg/s

B——　　kg/s

N——　　0.14 %

η_2——　　40%

4　CO

$$G_{CO}=2330q\times C$$

G_{CO}——CO　　g/kg,

q——　　10%

C——　　C　　85%

0.05917kg/(m^2·s)　　4h

30%　　2006　　2007

20

30%

10%　　10　m^3

10%

SO_2　NO_2　　CO

3.2.3

+

+

60m^3/h 1 “ +

+A/O+HOT + + ”

VOCs

3.2.4

3.2.5

3.2.6

3.2.7

UPS

UPS 220V

3.3

3.3-1

		1 2 3 4 5 6 7 8 [2009]80 pH COD 9 10 11	 1 2 /
		1 2 3 4	1 2 3
		1 2	1 2
		1 2	
		1 2	1 2

		3	
		1 2 3	

3.4

3.4.1

1

“ ”

“ ”

2

3.4-1

1	5000m^3				160mm	6.5×10^{-5}/a	8.7×10^{-5}/a
			CO	CO			
2	100000m^3				160mm	6.5×10^{-5}/a	8.7×10^{-5}/a
			CO				

				CO			

3.4.2

3.4.2.1

AFTOX

3.4.2.2

1 5km

2

1

2 500m 50m 500m

100m

3.4-2

		X m	Y m	m				m
		-950	-4390	-0.57		350	SW	4310
		-960	-4410	0.22		460	SW	4570
		-965	-4490	0.04		320	SW	4860
		-545	-3680	-4.99		360	SW	3860
		-430	-4105	-1.89		420	SW	4280
		-320	-3950	-2.13		160	SW	4030
		-300	-3790	-2.38		110	SW	3890
		0	-3520	-0.14		450	S	3520
		50	-3600	-0.28		650	SE	3680
		0	-4000	-7.32		120	S	4000
		-105	3160	-3.32		--	NW	3300

3

3.4-3

	m/s	1.5
		25
	%	50
		F

3.4.2.3

3.4-4

3.4-4

			kg/s	min	m
1			3.15	30	1.0
	CO		17.03	30	1.0
2			3.88	30	2.5
	CO		25.48	30	2.5
	SO_2		2.78	30	2.5
	NO_2		0.31	30	2.5

3.4-5

3.4-5

		CAS	-1 mg/m^3	-2 mg/m^3
1	CO	630-08-0	380	95
2	SO_2	7446-09-5	79	2
3	NO_2	10102-44-0	38	23
4		71-43-2	13000	2600
5		/	/	/

3.4.2.4 CO

3.4-6

3.4-6a 1.5m/s F

	1.5m/s F mg/m^3					
m	5min	10min	15min	20min	25 min	30 min
0	0	0	0	0	0	0
100	9,161.84	9,161.84	9,161.84	9,161.84	9,161.84	9,161.84
200	4,714.66	4,714.74	4,714.74	4,714.74	4,714.74	4,714.74
300	51.4334	3,014.72	3,014.72	3,014.72	3,014.72	3,014.72
400	0.0001	2,139.77	2,139.81	2,139.81	2,139.81	2,139.81
600	0	12.416	1,275.39	1,275.41	1,275.41	1,275.41
800	0	0	200.5825	863.6839	863.6905	863.6905
1000	0	0	0.0377	381.8686	630.8479	630.8516

m	1.5m/s F mg/m^3					
	5min	10min	15min	20min	25 min	30 min
1500	0	0	0	0	1.7667	230.333
2000	0	0	0	0	0	0.0041
2500	0	0	0	0	0	0
3000	0	0	0	0	0	0
3500	0	0	0	0	0	0
4000	0	0	0	0	0	0
4500	0	0	0	0	0	0
5000	0	0	0	0	0	0

3.4-6b

		/	25	/MPa	/
		/kg	5670	/mm	/
(kg/s)	3.15	/min	30	/kg	5670
/m	1.0	/kg	/		6.5×10^{-5}/a

			(mg/m^3)	/m	/min
		-1	13000		/
		-2	2600	350	10.00
			/min	/min	(mg/m^3)
		/	/	/	/

CO 3.4-7

3.4-7a 1.5m/s F CO

m	1.5m/s F CO mg/m^3					
	5min	10min	15min	20min	25 min	30 min
0	0	0	0	0	0	0
100	180.6104	180.6104	180.6104	180.6104	180.6104	180.6104
200	165.5259	165.5259	165.5259	165.5259	165.5259	165.5259
300	159.2494	159.2494	159.2494	159.2494	159.2494	159.2494
400	152.2243	152.2243	152.2243	152.2243	152.2243	152.2243

m	1.5m/s F CO mg/m^3					
	5min	10min	15min	20min	25 min	30 min
600	139.7836	139.7836	139.7836	139.7836	139.7836	139.7836
800	75.3362	129.0217	129.0217	129.0217	129.0217	129.0217
1000	0.1147	119.5631	119.5631	119.5631	119.5631	119.5631
1500	0	87.402	98.3231	98.3231	98.3231	98.3231
2000	0	0.0252	83.5909	83.6076	83.6076	83.6076
2500	0	0	18.0492	72.7201	72.7201	72.7201
3000	0	0	0.0097	57.2334	64.2991	64.2991
3500	0	0	0	3.3205	57.3344	57.5735
4000	0	0	0	0.0048	25.9691	52.0646
4500	0	0	0	0	0.8237	42.4689
5000	0	0	0	0	0.0027	9.479

3.4-7b **CO**

		/	25	/MPa	/
	CO	/kg	/	/mm	/
(kg/s)	17.06	/min	30	/kg	30708
/m	1.0	/kg	/		8.7×10^{-5}/a

	CO		(mg/m^3)	/m	/min
		-1	380		/
		-2	95	1510	11.05
			/min	/min	(mg/m^3)
		/	/	/	/

-1 9162mg/m^3 350m

-2

CO CO

-2 180mg/m^3 1510m -1

3.4.2.5

3.4-8

3.4-8

		/	25	/MPa	/
		/kg	6984	/mm	/
(kg/s)	3.88	/min	30	/kg	6984
/m	2.5	/kg	6984		6.5×10^{-5}/a

			(mg/m^3)	/m	/min
		-1	/		/
		-2	/		/
			/min	/min	(mg/m^3)
		/	/	/	/

CO SO_2 NO_2

3.4-9~3.4-11

3.4-9a 1.5m/s F CO

m	1.5m/s F CO mg/m^3					
	5min	10min	15min	20min	25 min	30 min
0	0.00	0.00	0.00	0.00	0.00	0.00
100	828.1843	828.1843	828.1843	828.1843	828.1843	828.1843
200	711.0174	711.0174	711.0174	711.0174	711.0174	711.0174
300	622.6875	622.6875	622.6875	622.6875	622.6875	622.6875
400	550.6308	550.6316	550.6316	550.6316	550.6316	550.6316
600	249.218	439.2839	439.2839	439.2839	439.2839	439.2839
800	5.2943	358.156	358.1563	358.1563	358.1563	358.1563
1000	0.0403	290.5093	297.4336	297.4336	297.4336	297.4336
1500	0	6.0813	198.5554	202.6263	202.6263	202.6263
2000	0	0.0049	25.416	144.6108	147.2267	147.2267
2500	0	0	0.2457	40.9659	111.4054	113.2131
3000	0	0	0.0012	1.7429	47.1974	88.9685

	1.5m/s		F	CO	mg/m^3	
m	5min	10min	15min	20min	25 min	30 min
3500	0	0	0	0.0304	5.023	47.4582
4000	0	0	0	0.0004	0.2184	9.1326
4500	0	0	0	0	0.0002	0.0432
5000	0	0	0	0	0.0002	0.0432

3.4-9b **CO**

/ 25

	1.5m/s	F	SO_2	mg/m^3		
m	5min	10min	15min	20min	25 min	30 min
3000	0	0	0.0001	0.1902	1.1495	1.7069
3500	0	0	0	0.0033	0.548	1.1779
4000	0	0	0	0	0.0238	0.9964
4500	0	0	0	0	0	0.0047
5000	0	0	0	0	0	0.0047

3.4-10b **SO_2**

		/	25	/MPa	/
	SO_2	/kg	5004	/mm	/
(kg/s)	2.78	/min	30	/kg	5004
/m	1.0	/kg	/		8.7×10^{-5}/a

	SO_2		(mg/m^3)	/m	/min
		-1	79	160	4.50
		-2	2	2700	20.00
			/min	/min	(mg/m^3)
		/	/	/	/

3.4-11a 1.5m/s F **NO_2**

	1.5m/s	F	NO_2	mg/m^3		
m	5min	10min	15min	20min	25 min	30 min
0	0.00	0.00	0.00	0.00	0.00	0.00
100	45.482	45.482	45.482	45.482	45.482	45.482
200	42.5527	42.5527	1 42.5527	42.5527	42.5527	42.5527

	5m/s		SO_2			
m	5min	min	15	20min	25	30 min
2500	0	0	0.075		4.8002	5.0062
3000	0	0	0		0.2393	3.8619
3500	0	0	0	0	0.0001	0.4439
4000	0	0	0	0	0	0.0012
4500	0	0	0	0	0	0
5000	0	0	0	0	0	0

3.4-11b **SO_2**

		/	25	/MPa	/
	NO_2	/kg	558	/mm	/
(kg/s)	0.31	/min	30	/kg	558
/m	1.0	/kg	/		8.7×10^{-5}/a

	NO_2		(mg/m^3)	/m	/min
		-1	38	240	4.50
		-2	23	620	9.50
			/min	/min	(mg/m^3)
		/	/	/	/

-1 -2

CO OO

-1 828mg/m^3 680m

NO_2 NO_2

-1 45mg/m^3 240m -2

620m

3.4.2.6

1

-1 9162mg/m^3 350m

-2

CO CO

-2 180mg/m^3 1510m -1

2

-1 -2

CO CO

-1 828mg/m^3 680m -2

2800m

SO_2 SO_2

-1 90mg/m^3 160m -2

2700m

NO_2 NO_2

-1 45mg/m^3 240m -2

620m

3.4.3

3.4.3.1

6

3.4-12

3.4-12

1995.8.20		150t			90-100t
1994.9.7		1-1.1t			
1994.7.30					20
1994.7.27					14
1994.3.30		1.5t			5
1993.7.28		4t			
1993.4.30					
1993.3					800
1992.1.16		60-70kg			2d
1991.5.2					160km^2 50 kg
1991.2.6					
1988.1.4		800t			800m
1987.8.14					11.6
1989.4.12					5

3.4.3.2

1

2

3.4.3.3

Q/SY 1303-2010

10^{-10}cm/s 10^{-7}cm/s

GB18599-2001

GB50483-2009

(1 2)max 3 4

$V_1+V_2+V_{max}$ m^3

V1 m^3

V2

3 m^3

V

V_3 m^3

V_4 m^3

V_1 100000m^3 V_1=90000m^3

V_2

1

80m

GB50160-2008

[2010]118

2.0L/ min·m^2 20m

20m 6h 6h

3943m^3

2

100000m³

3% GB50151-2010

[2010]118 “

12.5L/ min·m^2

45min 3

480L/min 30min ”

199m³

3

120L/S 4h 1728m³

3943+199+1728=5870m³

V_2=5870m^3

V 207.8L/ s.hm^2

4h 6.2952ha V =16953.5m^3

17.7048ha 2980m^3

19933.5m^3

V_3 47244m^2 2.2m

V_3=103936.9m^3 90000

m³+ 3943 m³+ 199 m³+ 1728 m³=95870 m³

V_4 V_4 = 0

(1 2)max 3 4

= 90000+ 3943+199+1728 +19933.5 —103936.9—0=11866.6m^3

12500m^3

2×450m³

6h 6h

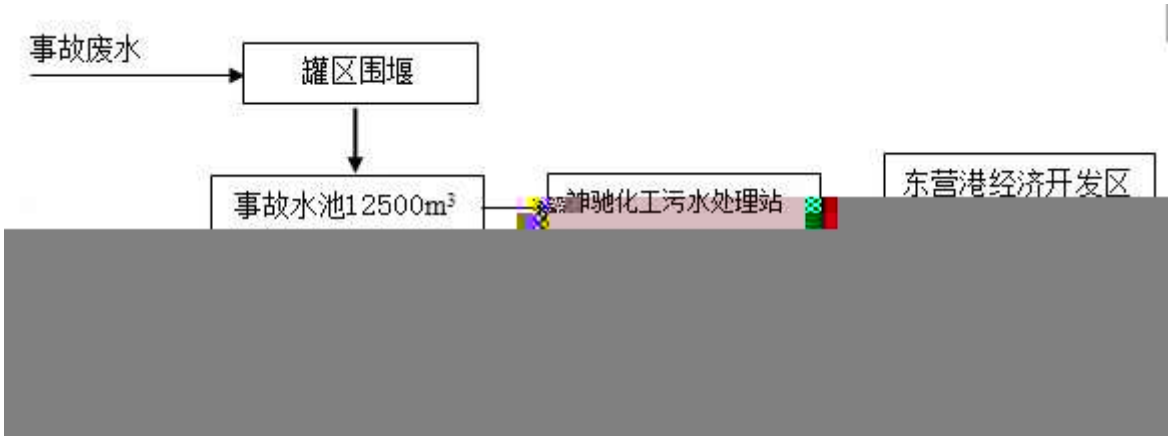
3

[2009]80

1

1

2



3.4-1

GB 50316-2000

SH3054-2005

1.

2.

3.

4.

5.

3.4.4

12500m^3

3.4.5

+

+

60m^3/h 1 “ +

+A/O+HOT + + ”

VOCs

3.4.6

3.4.7

3.4.8

3.4.9

UPS DCS 30min

3.5

3.5.1

1

-1 9162mg/m^3 350m

-2

CO CO

-2 180mg/m^3 1510m -1

2

-1 -2

CO CO

-1 828mg/m^3 680m -2

2800m

SO_2 SO_2

-1 90mg/m^3 160m -2

2700m

NO_2 NO_2

-1 45mg/m^3 240m -2

620m

3.5.2

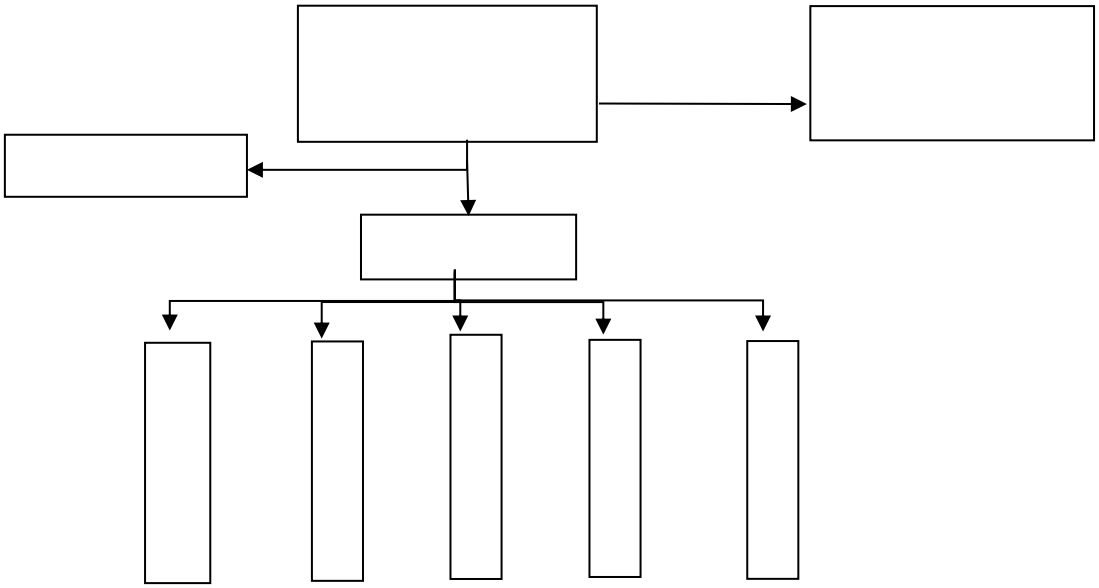
3.5.3

“ ”

GB18597-2001

4

4.1



4.1-1

4.2

4.2.1

4.2.2

4.3

13789831081

18954008137

18354678797

13220507223

18366952335

13455460817

4.4

/

1

2

3

5

5.1

5.1.1

1

1 /

2 /

3

4

5

6

5.1.2

1

2

5.1.3

1

24

2

3

4

5.2

5.2.1

5.2.2

I

1 1 10

5000 500

2

3

4

II

1 3 10

3000 5000 100 500

2

3 /

4

III

5.2.3

1

2

I

3

4

5

6

5.3

5.3.1

24

0546-8286889

5.3.2

1

2

5.4

1

2

5 10

15

3

5.5

	110 119
	122
	120
/	0546-8312345
	0546-8019001
	0546-8019120
	0546-8331208/8221954
	0546-3661070/3662070
	0546-8305735/8305827/8305239
	0546-8331789/12369
	0546-8330190/12350/8330361
	0546-8019288
	0546-8019190
	0546-8879110
	0546-6096119
	0546-8019001/8019002

6

6.1

1

2

3

6.2

1

2

3

1

2

3

6.3

1

2

3

4

1

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3

4

5

6

6.5

6.5.1

6.5.2

1

2

6.5.3

6.5.4

6.5-1

7

7.1

1

2

3

7.2

1

2

3

7.3

1

2

3

3

0 500

500 1000

1000

4

5

7.4

7.4.1

1

2

3

7.4-1

1	
2	
3	
4	
5	
6	\

7.4.2

6

7.4-2

1	
2	
3	
4	
5	
6	

7.5

7.5.1

1

2

12500m^3

7.5.2

1

2

7.5.3

1

2

7.6

7.6.1

1

2

3

4

5

6

7.6.2

7.6.3

7.6.4

1

2

3

7.6.5

7.6.6

1

2

3

4

8

8.1

8.2

30

8.3

8.3.1

8.3.2

1

2

3

4

5

8.3.3

1

2

8.4

8.5

9

9.1

1

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3

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9.2

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9.3

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10.1

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24

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3

10.2

1

	110 119
	122
	120
/	0546-8312345
	0546-8019001
	0546-8019120
	0546-8331208/8221954
	0546-3661070/3662070
	0546-8305735/8305827/8305239
	0546-8331789/12369
	0546-8330190/12350/8330361
	0546-8019288
	0546-8019190
	0546-8879110
	0546-6096119
	0546-8019001/8019002

2

I

II

3

4

11

11.1

11.4

1

2

3

4

11.5

12

12.1

4.3

12.2

12.3

12.4

12.5

12.6

12.7

1

2

13

13.1

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3			
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9			
10			
11			
12			

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8

9

10

11

13.2.5

13.3

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6

7

13.4

1

2

30

14

14.1

14.2

14.3

14.4

15

1

				13054647938	
				13455707588	
				13884600198	
				13789831081	
				18354678797	
				18263350387	
				18560859114	
				18366952335	
				13589435508	
				18954008137	
				17176099990	
				13220507223	
				13455460817	
				15154681751	

2

1		010-66556481
2		010-67119686　010-66151780
1		110　119
2		122
3		120
4		8875119
5		6375119
6		13181974365
1		0546-8331789/12369
2		0546-8019288
3		0546-8330190/12350/8330361
4		0546-6096119

3

/	0546-8312345
	0546-8019001
	0546-8019120
	0546-8331208/8221954
	0546-3661070/3662070
	0546-8305735/8305827/8305239
	0546-8331789/12369
	0546-8330190/12350/8330361
	0546-8019288
	0546-8019190
	0546-8879110
	0546-6096119
	0546-8019001/8019002

4

		10		
		19		
		200		
		2		
		33	m^3	
		10		
		5		
		5		
		19		
		76		
		5		
		5		
		5		
		698		
		2		
		19		
		12		
		81		

/

m

/

/

6

应急救援协作协议书

甲方：东营神驰电化储有限公司

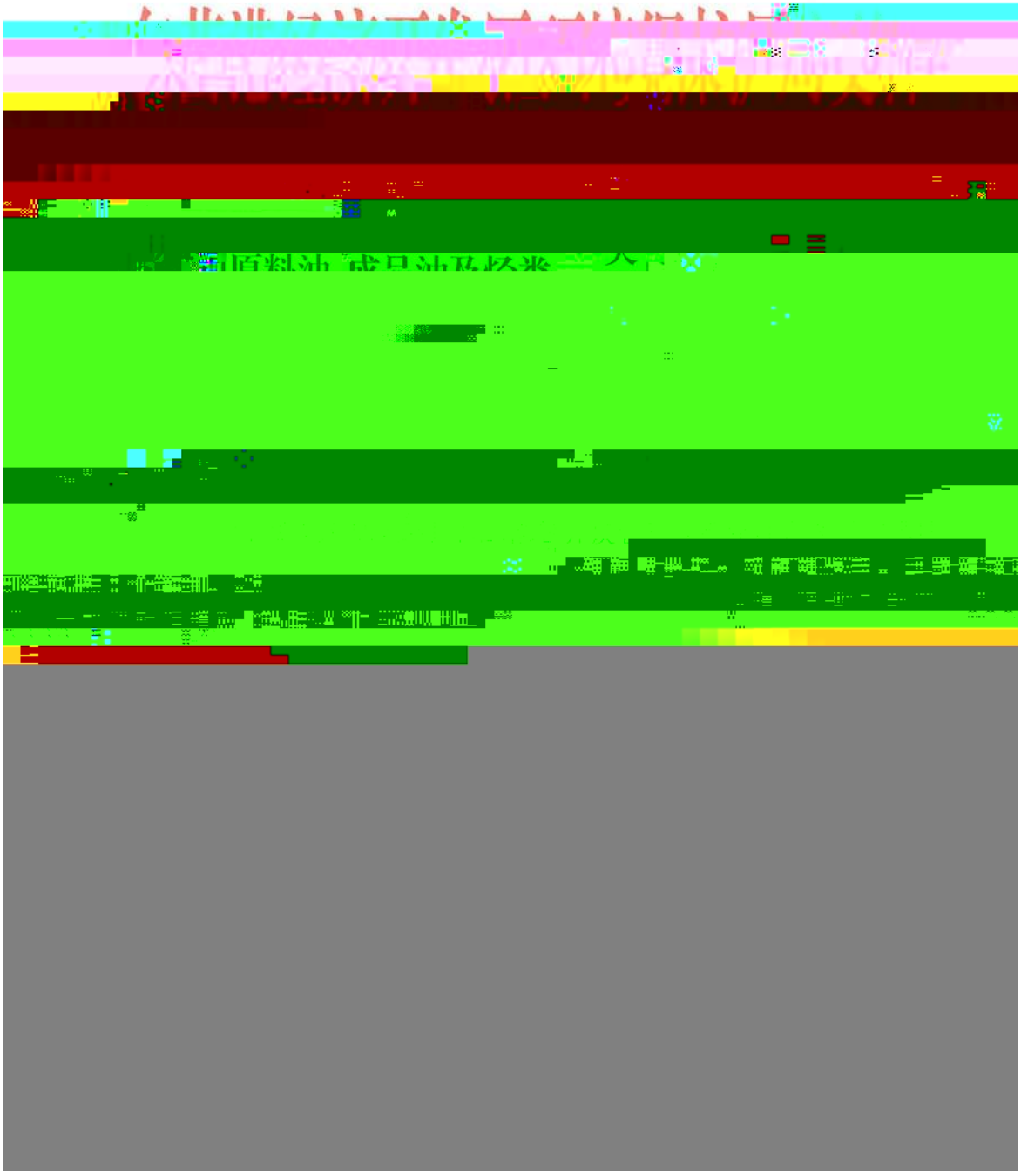
乙方：[redacted]

[redacted]

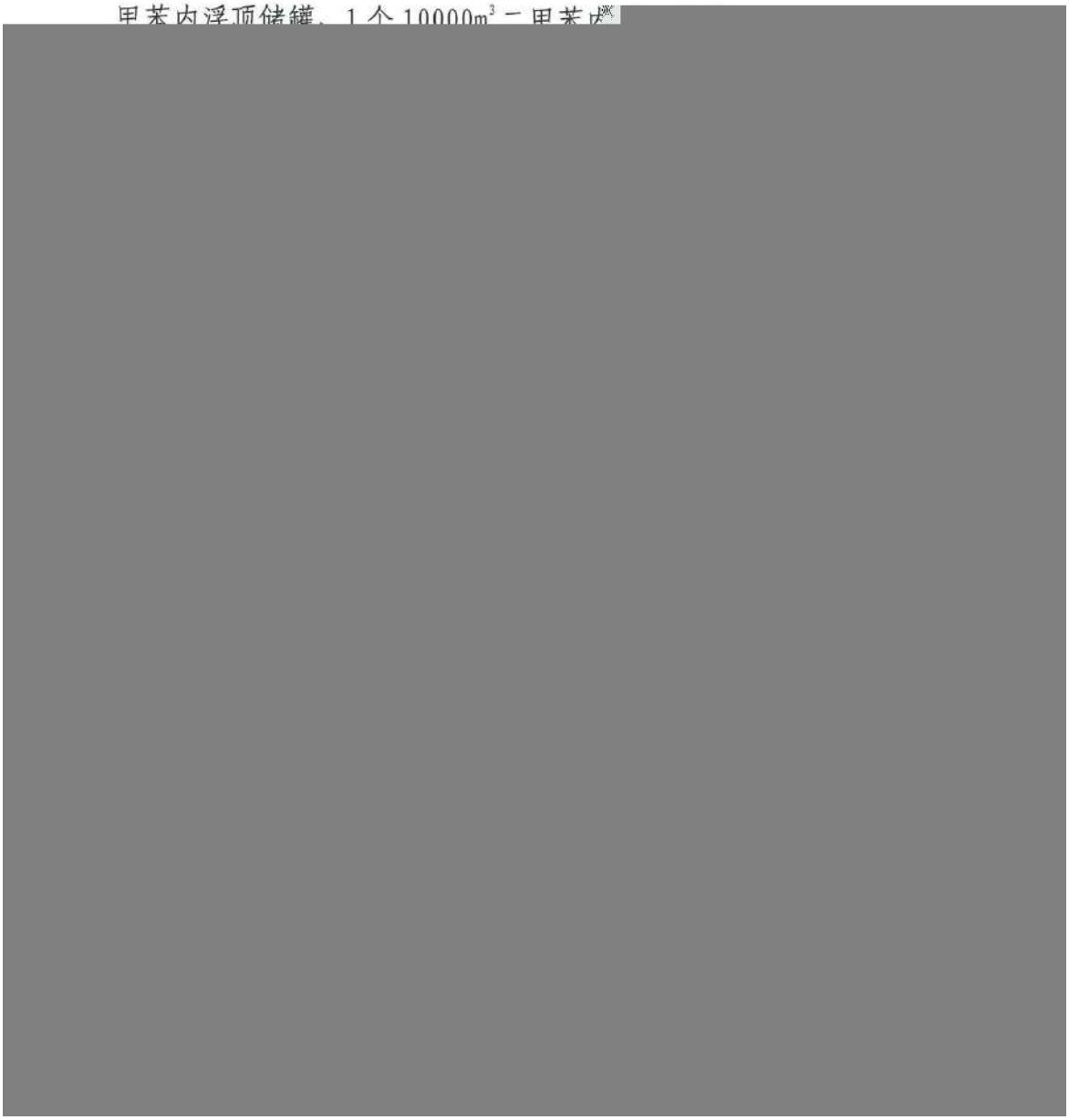
[redacted]

[redacted]

[redacted]



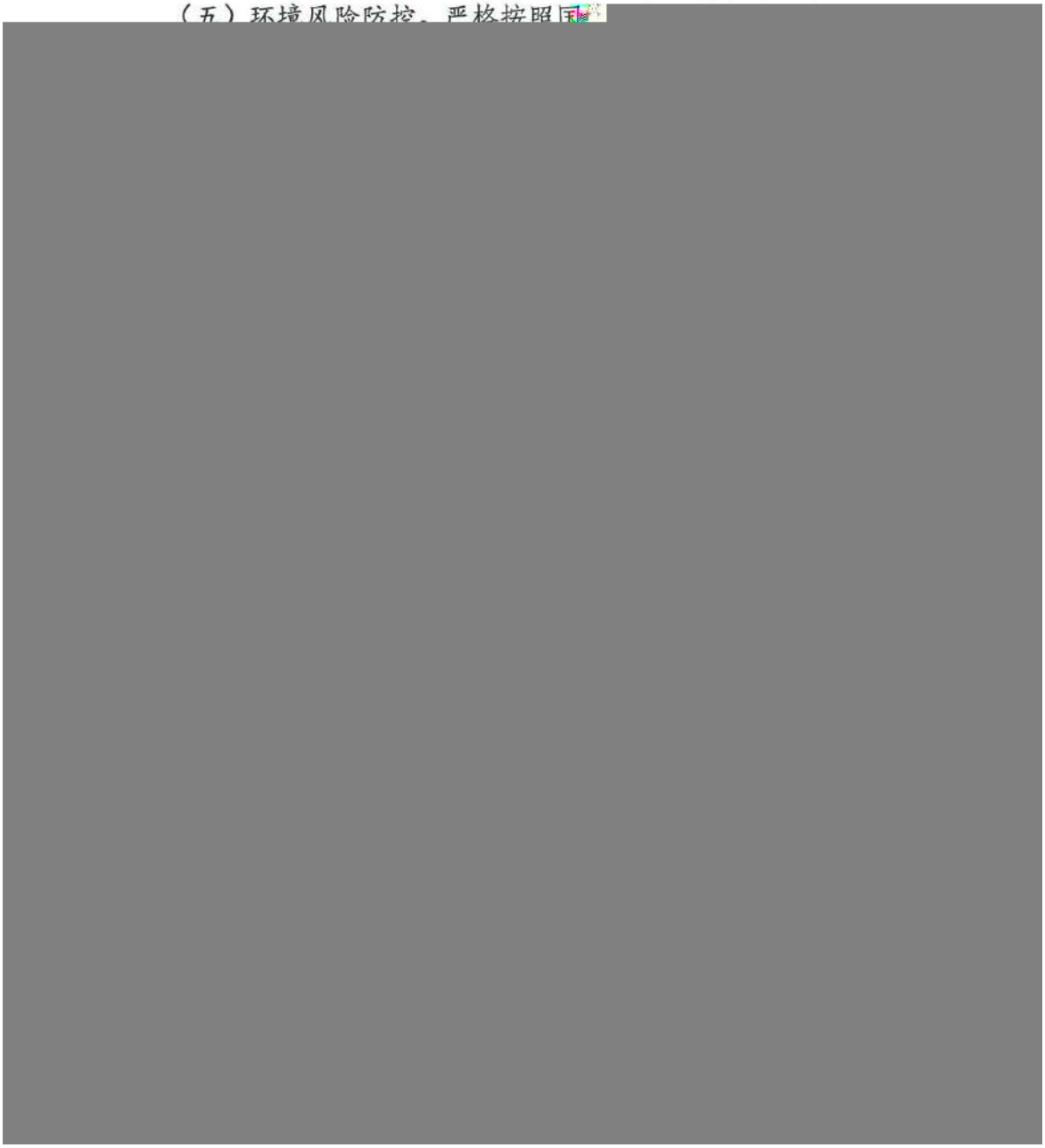
原油外浮顶储罐、2 个 50000m³渣油外浮顶储罐和 1 个 100000m³渣油外浮顶储罐；汽油油罐组包括 4 个 5000m³汽油内浮顶储罐和 6 个 20000m³汽油内浮顶储罐；苯罐组包括 2 个 5000m³内浮顶储罐；柴油罐组包括 6 个 30000m³内浮顶储罐；芳烃罐区包括 1 个 10000m³甲苯内浮顶储罐、1 个 10000m³二甲苯内



过管线输送至山东神驰石化有限公司进行回炼再利用。非[illegible]

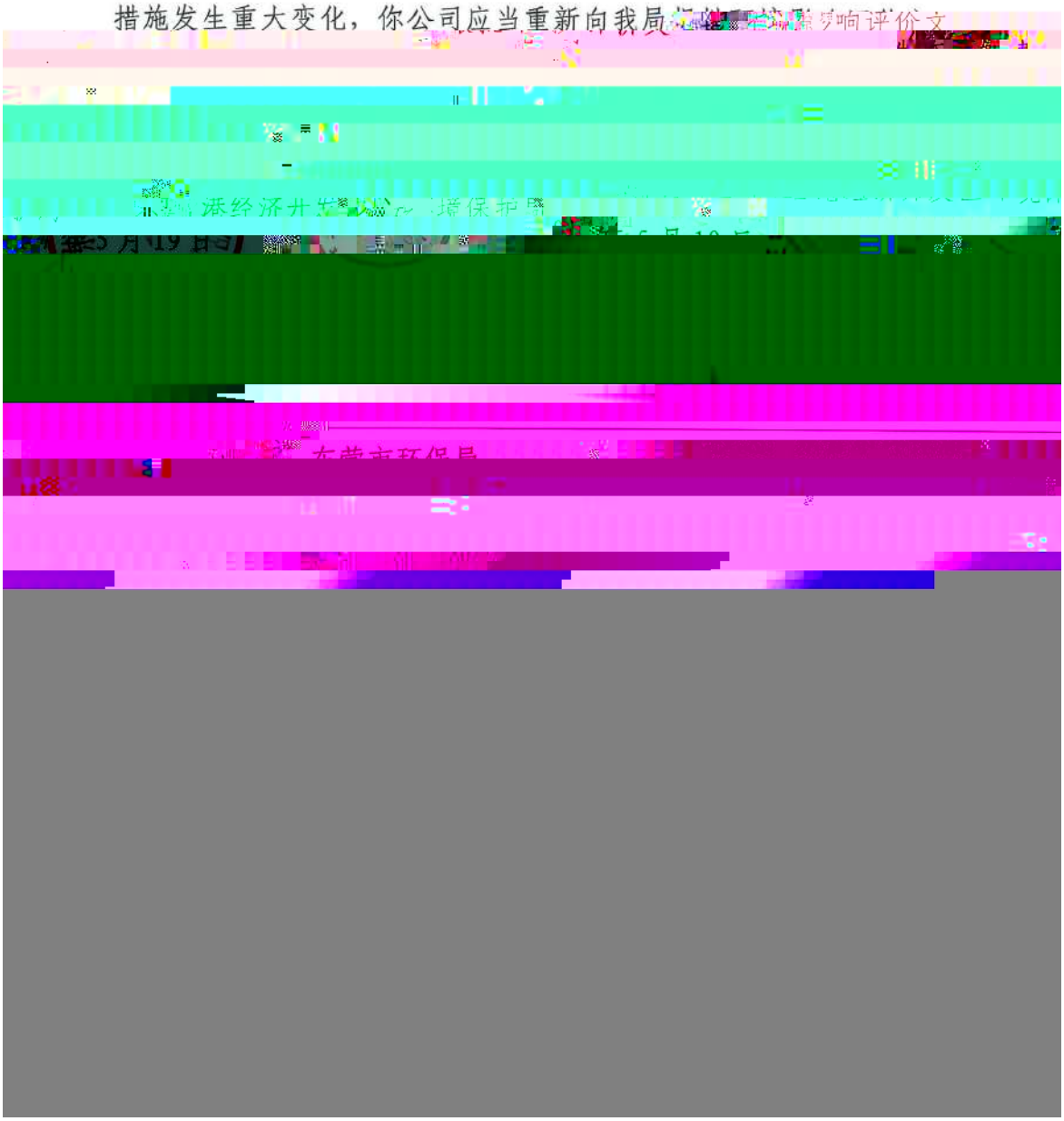
（四）噪声污染防治。选用低噪声设备，合理布局，确保厂界噪声必须满足《工业企业厂界环境噪声排放标准》（GB12348-2008）中 3 类标准要求。

（五）环境风险防控。严格按照国



项目竣工后，你单位必须按照规定的程序向我局申请工程竣工环境保护验收。验收合格后，项目方可正式投入运行。违反本规定要求的，你公司须承担相应的环境保护法律责任。

四、若该项目的性质、规模、地点、采用的生产工艺或者污染措施发生重大变化，你公司应当重新向我局[redacted]环境影响评价文

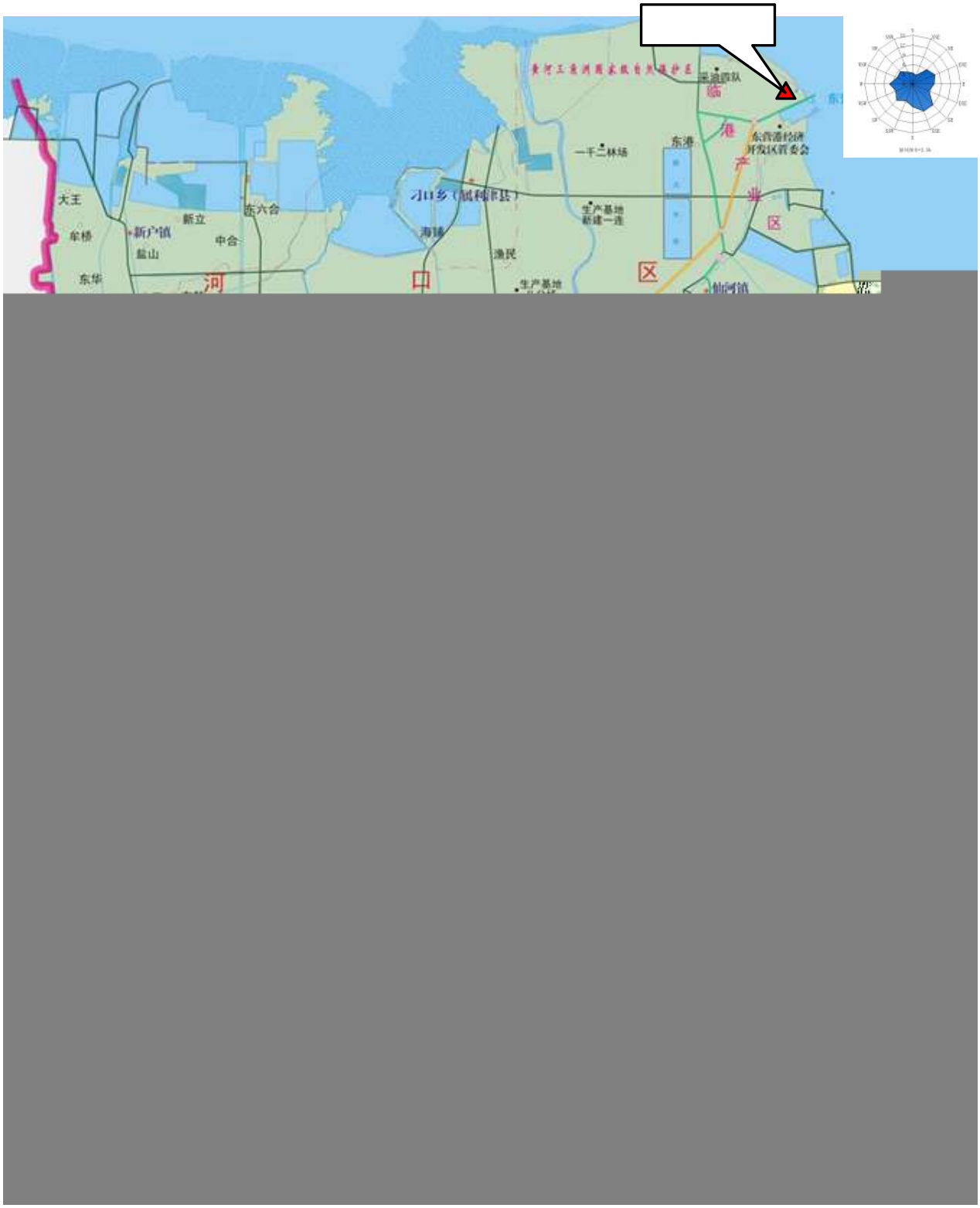


8

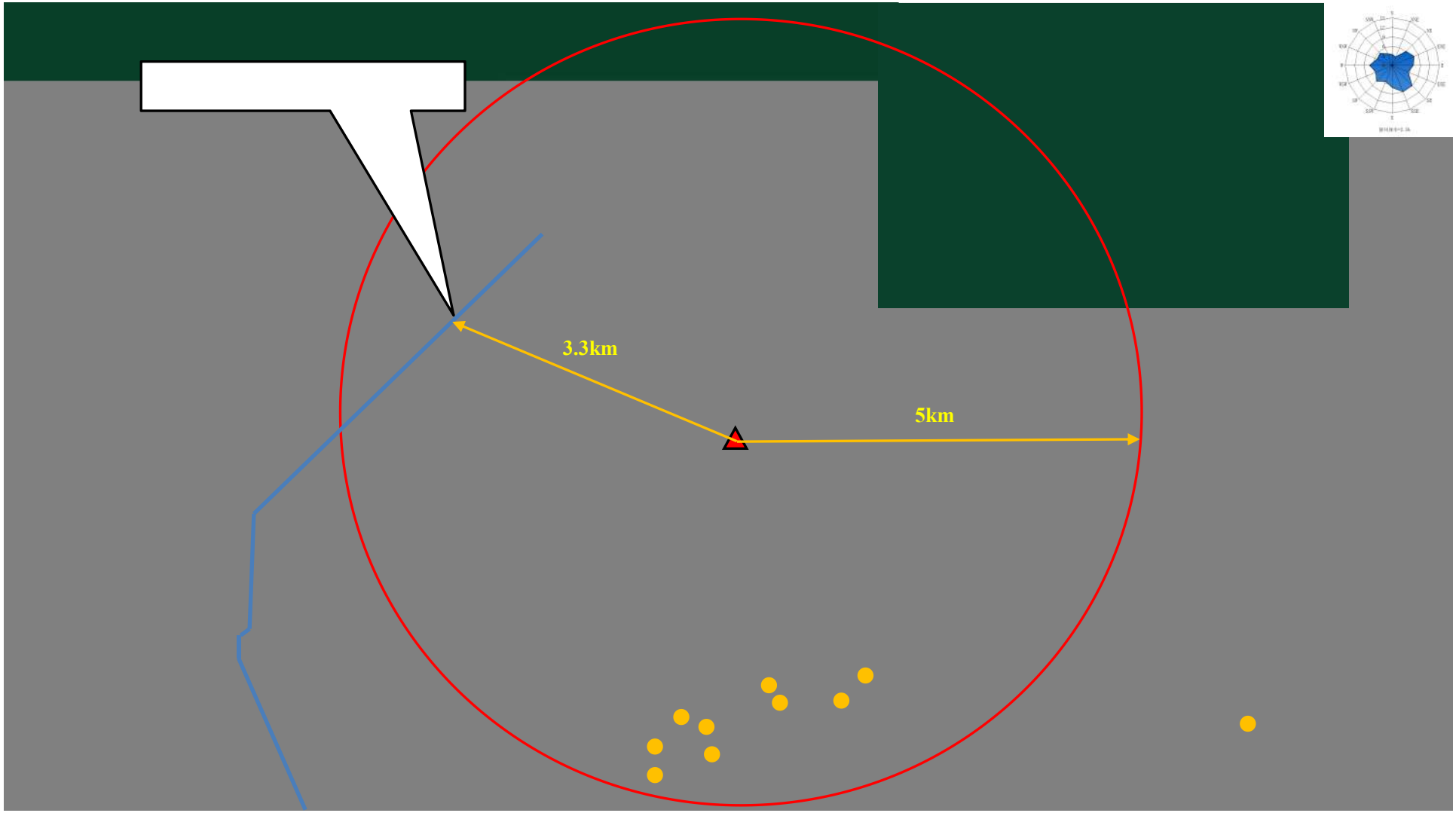
1 2 3 (4)	
1 2 3 4 5 6	
1 2 3 4	

1 2 3 (4)	
1 2 3 4 5 6 7 8	
1 2 3	

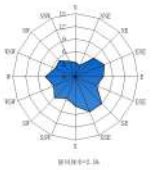
1 1:150000

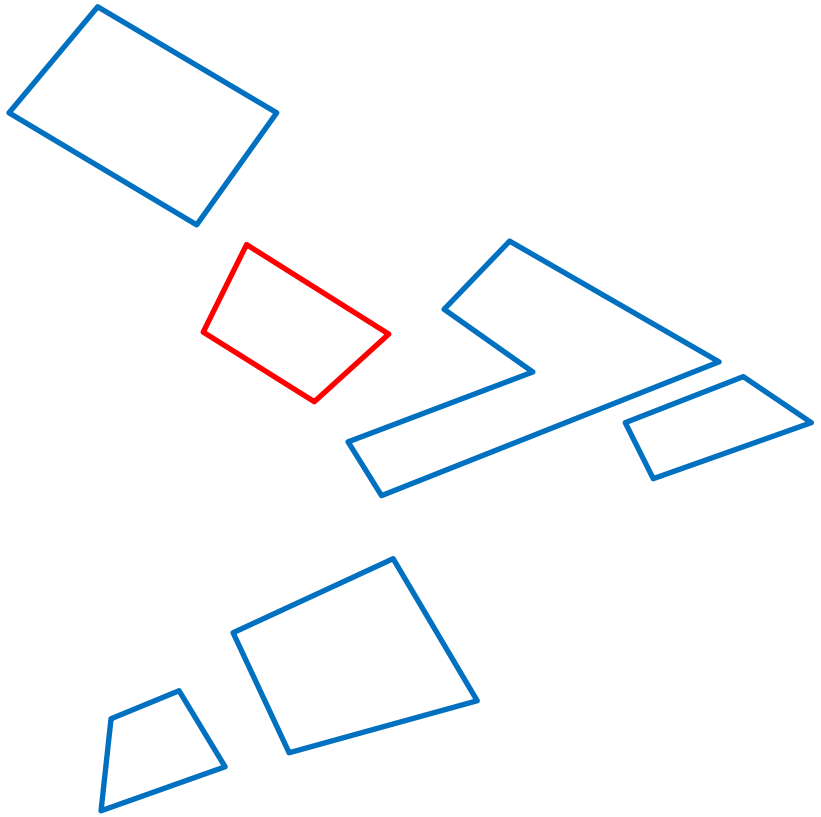

大王
新立
东六合
车桥
新户镇
中合
盐山
东华
一千二林场
东港
东营港经济开发区管委会
生产基地新建一连
海港
渔民
生产基地
临
港
产
业
区
河
口
区

2 **1:50000**

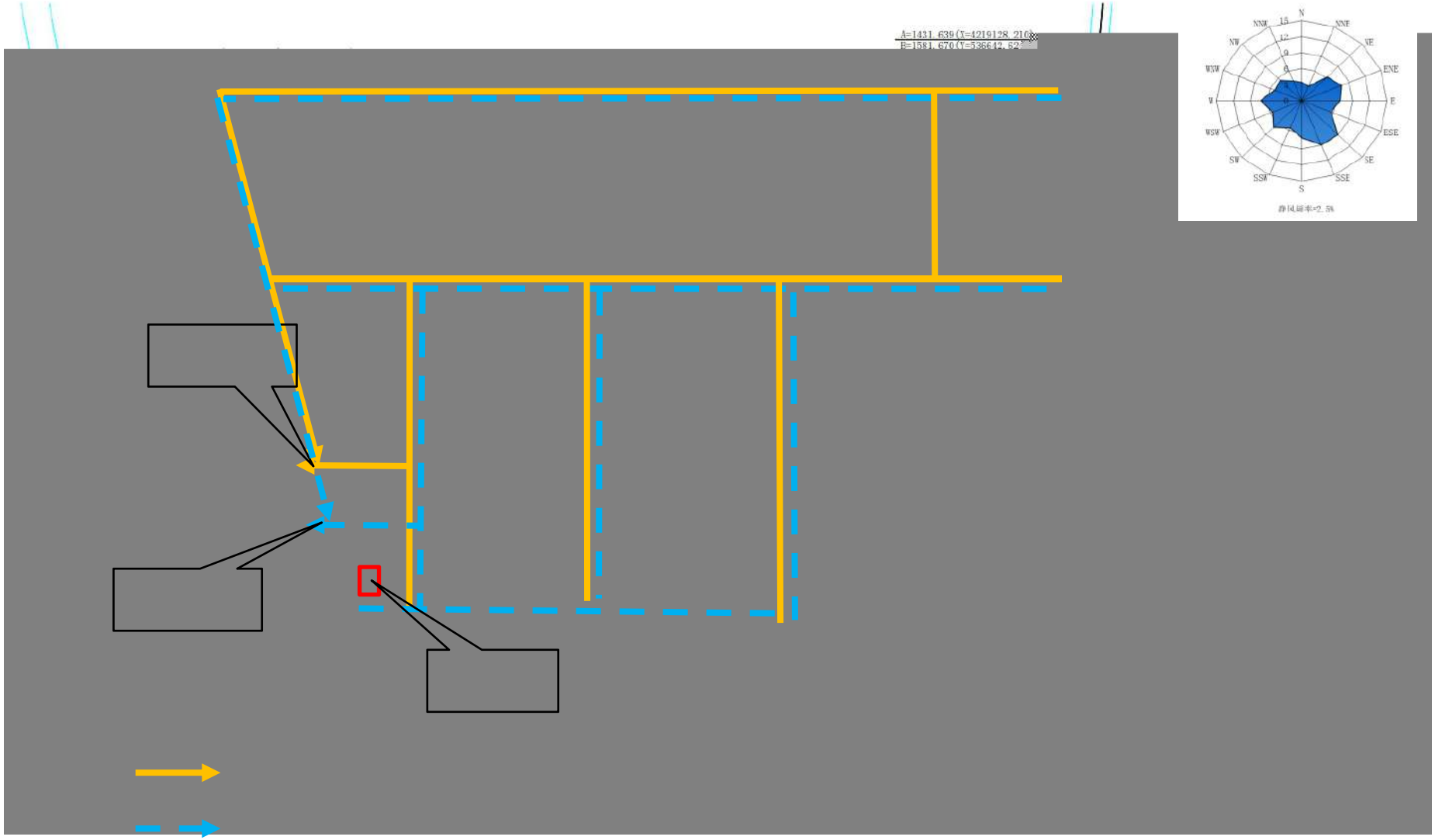


3 **1:30000**

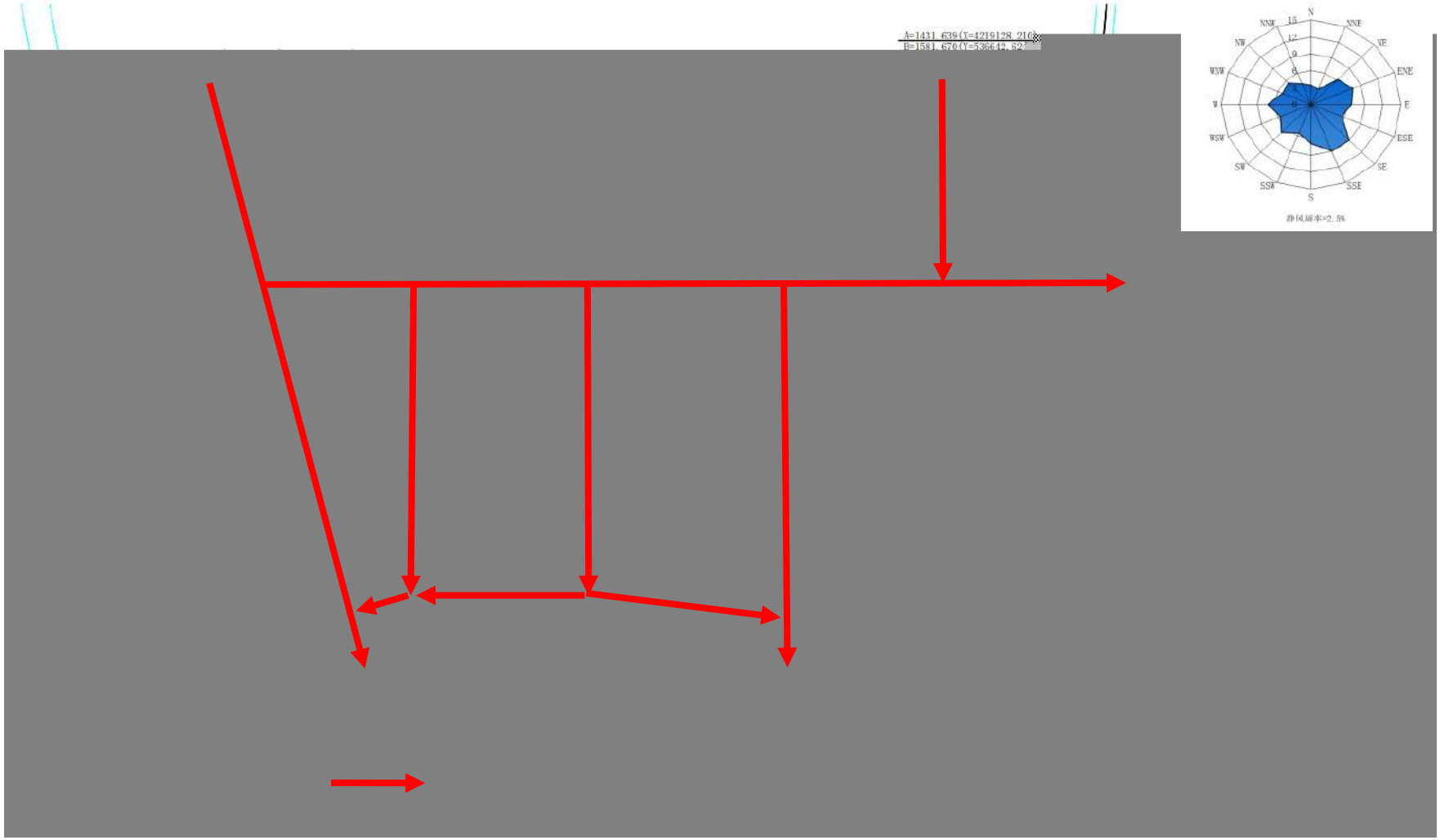




4 **1:2000**

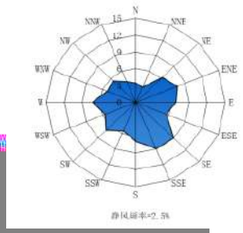


5 **1:2000**



6		1:1000

应急物资布局图



16

16.1

16.1.1

16.1.2

16.1.3

16.2

16.2.1

16.2.2

16.2.3

16.2.4

16.3

16.3.1

I

1 1 10

5000 500

2

3

4

II

1 3 10

3000 5000 100 500

2

3 /

4

III

16.3.2

1

2

3

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16.3.3

I

II

16.3.4

16.3.5

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16.3.6

16.3.6.1

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16.3-1

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16.3.6.3

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16.3.7

16.3.7.1

16.3.7.2

16.3.8

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17

17.1

17.1.1

17.1.2

17.1.3

17.2

17.2.1

17.2.1.1

17.2.1.2

17.2.1.3

17.2.2

17.2.2.1

17.2.2.2

17.2.3

17.2.3.1

17.2.3.2

17.2.4

17.3

17.3.1

I

1 1 10

5000 500

2

3

4

II

1 3 10

3000 5000 100 500

2

3 /

4

III

17.3.2

17.3.2.1

17.3.2.2

17.3.2.3

17.3.2.4

17.3.3

I

II

17.3.4

7

17.3.6.2

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17.3-1

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4	
5	
6	

17.3.6.3

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3

4

5

18

18.1

18.1.1

18.1.2

HJ964-2018

18.1.3

18.2

18.2.1

“

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18.2.2

18.2.3

17.2.3.1

3 1

18.3.4

18.3.4.1

18.3.4.2

5

6

18.3.5.2

18.3.5.3

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18.3.6

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48

18.3.7

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19

19.1

19.1.1

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19.1.2

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19.1.3

19.2

19.2.1

19.2.2

1

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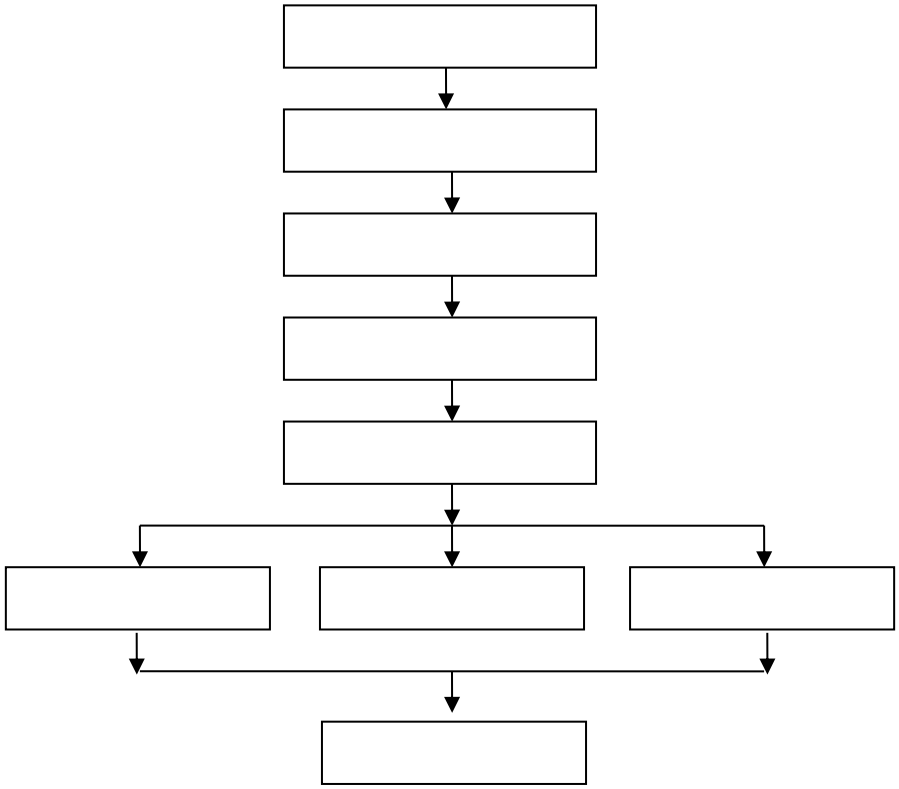
19.3

19.3.1



19.3.2

1

1

2

3

19.3-1

1	
2	
3	
4	
5	
6	
7	

2

1

2

3

4

5

6

19.3-2

1	
2	
3	
4	
5	
6	

19.3.3

1

2

1

2

3

19.4

1

2

3

4

5

6

7

20

20.1

“

”

20.2

20.3

20.3.1

		450t/5a		HW08 251-001-08	
		36t/2.5a		HW08 251-001-08	

20.3.2

20.3.3

2

2

0.04t/a 0.04t

a

b

2

1

2 ——

3

20.7

1

2

20.8

20.9

20.10

GB18597-2001

a

b

a 10 15cm

$\leq 10^{-10}$cm/s

b

a

b

c “ ”

a

b

c

d

e

a

b

c

d

e.