

2501-330652-04-02-589547

\_\_\_\_\_

2500\_\_\_\_\_

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|       |    |
|-------|----|
| ..... | 1  |
| ..... | 24 |
| ..... | 42 |
| ..... | 51 |
| ..... | Ö  |

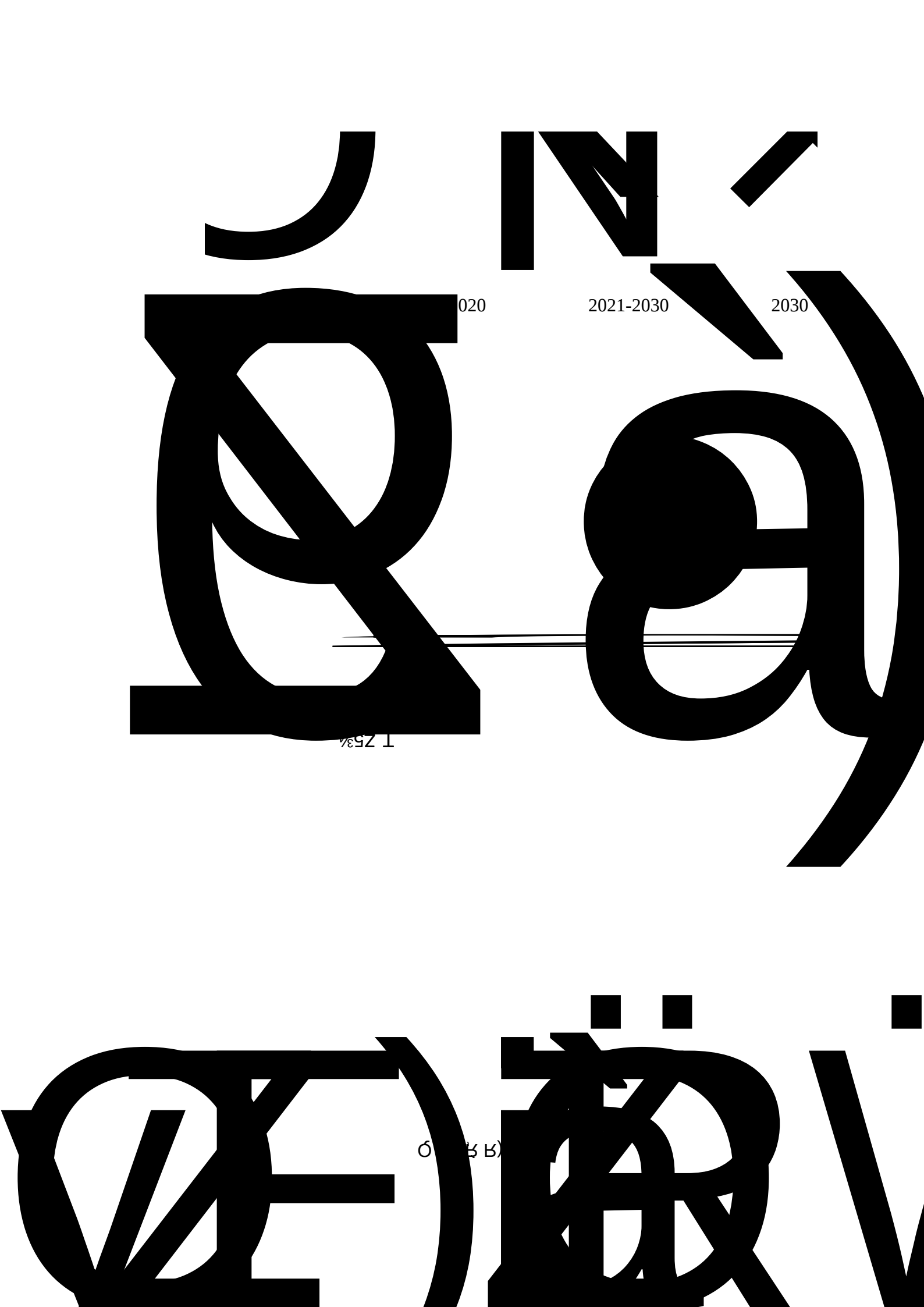
6 MSDS

7

8

|   |                          |                |                                                                                       |
|---|--------------------------|----------------|---------------------------------------------------------------------------------------|
|   | 2500                     |                |                                                                                       |
|   | 2501-330652-04-02-589547 |                |                                                                                       |
|   |                          |                | 18888739867                                                                           |
|   | 56                       |                | 7                                                                                     |
|   | 120                      | 37             | 31.717 30 5 13.065                                                                    |
|   | C3982                    |                | 398                                                                                   |
|   |                          |                | √<br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/> |
| / |                          | /              | 2501-330652-04-02-589547                                                              |
|   | 4034.71                  |                | 90                                                                                    |
| % | 2.2                      |                | 3                                                                                     |
|   | √                        | m <sup>2</sup> | 4260                                                                                  |
|   | 1.1-1                    |                |                                                                                       |
|   |                          |                |                                                                                       |
|   | [a]<br>500               | [a]            |                                                                                       |





020

2021-2030

2030

1 25%

0 3 5





1.1-2

|  |     |               |                                                                                    |  |  |
|--|-----|---------------|------------------------------------------------------------------------------------|--|--|
|  |     |               |                                                                                    |  |  |
|  | 329 | 0602-<br>-0-4 |  |  |  |

2 “ ”

56

3 “ ”

4 “ ”

5 “ ” 1.1-3

1.1-3

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0602-  
-0-4”

DMF

VOCs      >420g/L

√—+Ⓢ 2—” 2 ‡—。、

d

|  |               |       |          |
|--|---------------|-------|----------|
|  | 3             |       |          |
|  | 56            |       |          |
|  | [2024]36      |       |          |
|  | ZH33060220001 |       |          |
|  | 1.1-4         |       |          |
|  | 1.1-4         |       |          |
|  |               |       |          |
|  |               | 2024  |          |
|  |               | 2025  |          |
|  |               | C3982 |          |
|  |               | 1     | [2024]36 |
|  |               | 56    | 7        |
|  |               |       |          |
|  |               |       |          |
|  |               |       |          |



|   |                                  |                                                                                         |  |
|---|----------------------------------|-----------------------------------------------------------------------------------------|--|
|   |                                  |                                                                                         |  |
|   |                                  | ZH33060220001                                                                           |  |
| 4 |                                  | 56                                                                                      |  |
|   |                                  | 7                                                                                       |  |
| 5 | “ ”                              |                                                                                         |  |
|   | 1.1-6                            | “ ”                                                                                     |  |
|   |                                  |                                                                                         |  |
| 1 | VOCs<br>VOCs<br>( VOCs )<br>VOCs | ZH33060220001<br>GB/T<br>38597-2020<br>GB 33372-2020<br>GB38508-2020<br>2.2.4-2<br>VOCs |  |
| 2 | “ ”<br>( )<br>( )                |                                                                                         |  |

VOCs

1.1-4

VOCs  
1 2

VOCs

VOCs

2

3



VOCs

2025

5000

( 3)

70%

60%

VOCs

VOCs

VOCs

VOCs

60%

“ ”

“ ”

10

VOCs  
VOCs

VOCs



HJ 944  
VOCs

VOCs



30

2025

60

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VOCs

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|  |   |  |                                                                      |      |  |
|--|---|--|----------------------------------------------------------------------|------|--|
|  |   |  | “ ”                                                                  |      |  |
|  | 6 |  | 2023<br>“ ” 2025 6<br><br>2022 12<br><br>35 /<br>“ ”<br><br>( )<br>A |      |  |
|  | 7 |  | B<br><br>A B                                                         |      |  |
|  | 8 |  | VOCs<br>2023 8 VOCs 2025<br>VOCs<br>2023 3 “ ”<br><br>2023 8         | VOCs |  |

|          |          |      |  |  |
|----------|----------|------|--|--|
|          |          | 2025 |  |  |
| <b>8</b> | (2020 )  |      |  |  |
|          | 3.5      |      |  |  |
| <b>9</b> | ( 2022 ) |      |  |  |
| 1.1-9    | ( 2022 ) |      |  |  |
|          |          |      |  |  |
| 1        |          |      |  |  |
| 2        |          |      |  |  |

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56

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ZH33060220001

56

4

56

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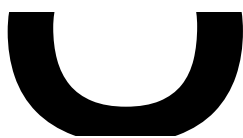
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|    |              |                                  |                                                          |      |
|----|--------------|----------------------------------|----------------------------------------------------------|------|
|    |              |                                  |                                                          |      |
|    |              |                                  | “ ”                                                      |      |
|    |              |                                  |                                                          |      |
| 11 | 2023         |                                  |                                                          | 2023 |
| 12 | ( [2024]11 ) |                                  |                                                          |      |
|    | 1.1-11       | ( )                              |                                                          |      |
|    |              |                                  |                                                          |      |
|    |              | 2024                             |                                                          |      |
|    |              | (SCR)<br>2025 6<br>2024<br>,2027 |                                                          |      |
|    | VOC<br>s     | VOCs                             | GB/T 38597-2020<br><br>GB 33372-2020<br><br>GB38508-2020 |      |
|    |              | VOCs ,                           |                                                          |      |



[REDACTED] [REDACTED] [REDACTED]

2.1 .



|  |  |                                                      |                                          |
|--|--|------------------------------------------------------|------------------------------------------|
|  |  |                                                      |                                          |
|  |  | 1<br>1617m <sup>2</sup> 1                            | 420m <sup>2</sup> 1<br>108m <sup>2</sup> |
|  |  | 38.5m <sup>2</sup> 22m <sup>2</sup> 36m <sup>2</sup> |                                          |
|  |  |                                                      |                                          |
|  |  | /UV<br>“ ”<br>DA001                                  |                                          |
|  |  | 30 m <sup>2</sup> 1 30m <sup>2</sup> 1               |                                          |
|  |  |                                                      |                                          |

2.2.1-2

|   |      |  |                |
|---|------|--|----------------|
|   |      |  | m <sup>2</sup> |
| 1 |      |  | 765            |
| 2 |      |  | 1742           |
| 3 | DIP) |  | 1390           |
| 4 | SMT) |  | 1430           |

2.2.2

2.2.2-1

2.2.2-1

|  |          |          |          |                 |
|--|----------|----------|----------|-----------------|
|  | (<br>/ ) | (<br>/ ) | (<br>/ ) |                 |
|  | 200      | 2500     | +2300    | 0.15m*0.15<br>m |
|  | 200      | 2500     | +2300    |                 |

SMT

200 /

2500 /

/UV

2.2.2-2

/

750

300

450

|  |                                                |
|--|------------------------------------------------|
|  | <div>2.2.4-1</div> <div>SMT</div> <div>A</div> |
|--|------------------------------------------------|

2.2.4.2

MSDS

VOC

VOCs

VOC

10%

# MSDS

2.2.4-3

2.2.4-3

° F 0 32  
18255.6 mg/kg

/ LD<sub>50</sub>  
4g/kg LD<sub>50</sub>  
2.5g/kg

1.20 ± 10%g/cm<sup>3</sup>  
0-10

25 2.0 pH  
7.5

LD50 1790mg/kg  
3200mg/kg

0.81 ± 0.01 20  
12  
% V/V 7.99%  
% V/V 1.72%

LC50  
LD50 5000mg/kg  
3600mg/kg  
6410mg/kg  
12800mg/kg

U

1.65 ± 0.05g/cm<sup>3</sup>

>200

>400

1.75g/ml(40

)

LD50>1200mg/kg

pH 7.0 ± 0.5

25 0.98

460 78

đ

đ 25m " W

1580mg/kg

LD50 7460

uL/kg

A

(LD50) - - 13,600

mg/kg

(LD50) - -

- > 2,000 mg/kg

LD50 5620

mg/kg( ) 4940

mg/kg( ) LC50

5760mg/m<sup>3</sup> 8 (

)

LD50 5800

mg/kg( ) 20000

mg/kg( )

(LD50)

- - -

2,800 mg/kg

(LD50)

- - - >

2,000 mg/kg



ł

|  |       |    |         |         |      |         |  |         |  |
|--|-------|----|---------|---------|------|---------|--|---------|--|
|  | 2.2.5 |    |         |         |      |         |  |         |  |
|  |       |    | 2.2.5-1 |         |      |         |  |         |  |
|  |       |    | 2.2.5-2 |         |      | VOC     |  |         |  |
|  | 2.2.6 |    |         |         | 9    |         |  |         |  |
|  |       |    |         |         |      |         |  |         |  |
|  | 2.3   |    |         |         |      |         |  |         |  |
|  |       |    |         | /UV     |      |         |  |         |  |
|  |       |    |         |         |      | 2.3-1   |  |         |  |
|  |       |    | 2.3-1   |         |      |         |  |         |  |
|  |       | 1) |         |         |      | /       |  |         |  |
|  |       | 2) | /       |         |      |         |  |         |  |
|  |       |    | /       |         | PCB  |         |  |         |  |
|  |       | 3) |         |         |      | PCB     |  |         |  |
|  |       | 4) |         |         | PCBA |         |  |         |  |
|  |       |    |         | 50--160 |      | 160-210 |  | 210-250 |  |
|  |       |    | 180-50  | PCBA    | /    | -       |  |         |  |

|        |      |     |
|--------|------|-----|
| 5) AOI | PCBA |     |
| PCBA   |      |     |
| 6) AI  | DIP  | PCB |

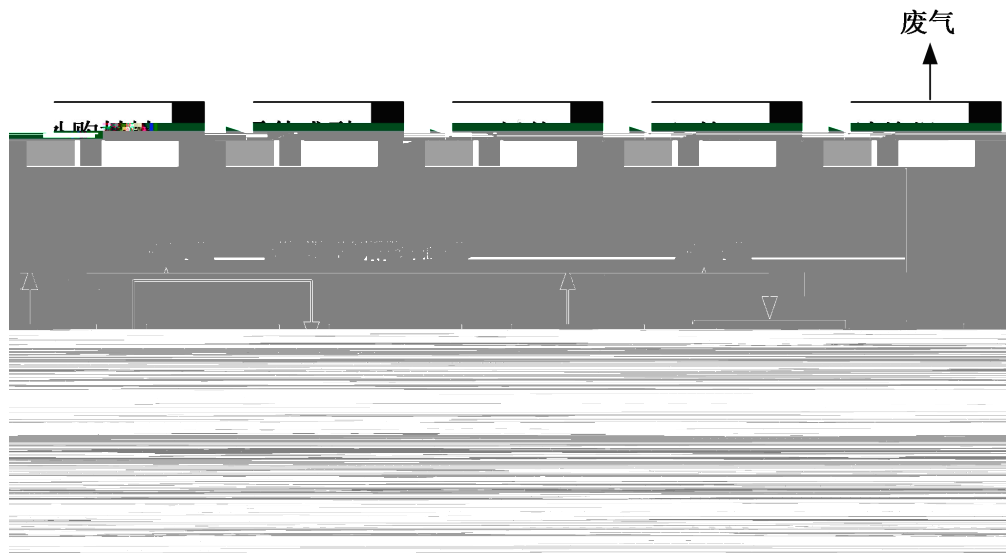
|                                                             |           |     |     |                   |                        |   |
|-------------------------------------------------------------|-----------|-----|-----|-------------------|------------------------|---|
|                                                             |           | /UV |     | VOCs              |                        |   |
|                                                             |           |     |     | VOCs              |                        |   |
|                                                             |           |     |     | COD <sub>Cr</sub> |                        |   |
|                                                             |           |     |     |                   |                        |   |
|                                                             |           |     |     |                   |                        |   |
|                                                             |           |     |     |                   |                        |   |
|                                                             |           |     |     |                   |                        |   |
|                                                             |           |     |     |                   |                        |   |
|                                                             |           |     |     |                   |                        |   |
|                                                             |           |     |     |                   |                        |   |
|                                                             |           | /UV |     |                   |                        |   |
|                                                             |           |     |     |                   |                        |   |
|                                                             |           |     |     |                   |                        |   |
|                                                             |           |     |     |                   |                        |   |
|                                                             | 2.5.1     |     |     |                   |                        |   |
| 2005 7                                                      |           |     |     |                   |                        |   |
| 2.5.1-1                                                     |           |     |     |                   |                        |   |
| 2.5.1-1                                                     |           |     |     |                   |                        |   |
|                                                             |           |     |     |                   |                        |   |
| 1                                                           | 2010<br>5 | 200 | 200 | [2010]92          | 2010 9<br><br>2010 171 | / |
| 91330600776608451E001W                                      |           |     |     |                   |                        |   |
| COD <sub>Cr</sub> 500mg/L                                   |           |     |     |                   |                        |   |
| DB33/887-2013                                               |           |     |     |                   |                        |   |
| 35mg/L COD <sub>Cr</sub> 0.733 / NH <sub>3</sub> -N 0.064 / |           |     |     |                   |                        |   |
| COD <sub>Cr</sub> COD <sub>Cr</sub> 80mg/L                  |           |     |     |                   |                        |   |

|        |                   |          |          |
|--------|-------------------|----------|----------|
| 10mg/L | COD <sub>Cr</sub> | 0.147t/a | 0.018t/a |
|        |                   | 200      |          |
|        | VOCs              |          | 0.2t/a   |
| VOCs   | 0.588t/a          |          |          |
|        | 2.5.1-2           |          |          |
|        | t/a               |          |          |

2.5.3-1

|   |  |   | ( / ) |   |   |  |
|---|--|---|-------|---|---|--|
|   |  |   |       |   |   |  |
| 1 |  | / | 4     | 4 | 4 |  |
| 2 |  | / | 4     | 4 | 4 |  |
| 3 |  | / | 7     | 7 | 7 |  |
| 4 |  | / | 2     | 2 | 2 |  |
| 5 |  | / | 2     | 2 | 2 |  |
| 6 |  | / | 2     | 2 | 2 |  |
| 7 |  | / | 2     | 2 | 2 |  |
| 8 |  | / | 2     | 2 | 2 |  |

2.5.4



2.5-1

1

2 PCB

PCB

3

PCB

4

5

PCB

PCB

[illegible]

(GB8978-1996)

DB33/887-2013

3

2.5.5-3

2.5.5-3

2.5.5-3

|                    | t/a  | 3718.75 | 3718.75 |
|--------------------|------|---------|---------|
| CODcr              | mg/L | 144     | 80      |
|                    | t/a  | 0.536   | 0.298   |
| NH <sub>3</sub> -N | mg/L | 31.6    | 10      |
|                    | t/a  | 0.118   | 0.037   |

2.5.5.2

1

(

2024(HJ)120696                      2024    12    23    )

|  |  |      |  |                       |      |  |
|--|--|------|--|-----------------------|------|--|
|  |  | kg/h |  | $8.27 \times 10^{-4}$ | 0.52 |  |
|--|--|------|--|-----------------------|------|--|

(DB16297-1996)  $10^{-4}$ kg/h 2000h 8.27 ×  
0.0017t/a 0.0028t/a





2.5.5-8

2024

|            |         |
|------------|---------|
| VOCs(t/a)  | 0.569   |
| (t/a)      | 0.0017  |
| (t/a)      | 3718.75 |
| CODcr(t/a) | 0.959   |
| (t/a)      | 0.120   |





“ 5 3 ”

(1)

3.1-2

### 3.1.3

.

/m

|                                     |        |  |      |  |                |
|-------------------------------------|--------|--|------|--|----------------|
| 3.3-1      DA001      (      mg/m³) |        |  |      |  |                |
|                                     |        |  |      |  |                |
| 1                                   |        |  | 1000 |  | DB33/2146-2018 |
| 2                                   | (NMHC) |  | 80   |  |                |
| 3                                   | TVOC   |  | 60   |  |                |

|                                     |               |       |      |
|-------------------------------------|---------------|-------|------|
| 3.3-2      DA001      (      mg/m³) |               |       |      |
|                                     | GB16297- 1996 |       |      |
|                                     |               | mg/m³ | kg/h |
|                                     | 15            | 120   | 3.5  |
|                                     | 15            | 8.5   | 0.31 |
|                                     | 15            | 5.0   | 0.15 |

2

VOCs

DB33/2146-2018

GB16297- 1996      2

3.3-3

|       |      |       |      |                |
|-------|------|-------|------|----------------|
| 3.3-3 |      | mg/m³ |      |                |
| 1     | VOCs |       | 4.0  | DB33/2146-2018 |
| 2     |      |       | 20   |                |
| 3     |      | /     | 1.0  | GB16297- 1996  |
| 4     |      | /     | 0.24 |                |
| 5     |      | /     | 0.04 |                |

VOCs

GB37822-2019      3.3-4

3.3-4

|      |       |    |  |
|------|-------|----|--|
|      | mg/m³ |    |  |
| NMHC | 6     | 1h |  |
|      | 20    |    |  |

3.3.2

GB8978-1996      4

DB33

887-2013

[2017]57

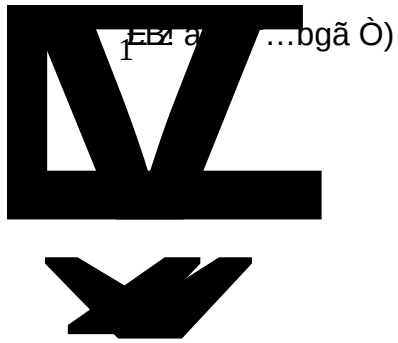
GB/T31962-2015

91330621736016275G001V

| 3.3-5                 | pH  | mg/L |
|-----------------------|-----|------|
| pH                    | 6 9 | 6 9  |
| (COD <sub>Cr</sub> )≤ | 500 | 80   |
| (BOD <sub>5</sub> )≤  | 300 | 20   |
| ≤                     | 400 | 6 9  |

|                         |                                                                                                                                        |        |        |       |       |       |        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------|--------|-------|-------|-------|--------|
|                         | <div> <div>(2025 )</div> <div>(GB5085.7-2019)</div> <div>( 2024 4 )</div> <div>GB18599-2020 ( )</div> <div>(GB18597-2023)</div> </div> |        |        |       |       |       |        |
| 3.4                     |                                                                                                                                        |        |        |       |       |       |        |
| COD                     | <div> <div>&lt;</div> <div>&gt;</div> <div>( [2014]197 )</div> </div>                                                                  |        |        |       |       |       |        |
| VOCs                    |                                                                                                                                        |        |        |       |       |       |        |
| 3.4.1                   |                                                                                                                                        |        |        |       |       |       |        |
| 3.4-1                   |                                                                                                                                        |        |        |       |       |       |        |
| 3.4-1                   |                                                                                                                                        |        |        |       |       |       |        |
|                         |                                                                                                                                        |        | “ ”    |       |       |       |        |
|                         |                                                                                                                                        |        |        |       |       | /     |        |
|                         | t/a                                                                                                                                    | 1832.8 | 1832.8 | 10200 | 10200 | 10200 | 8367.2 |
| COD(t/a)                |                                                                                                                                        | 0.916  | 0.916  | 5.100 | 5.100 | 5.100 | 4.184  |
|                         |                                                                                                                                        | 0.147  | 0.147  | 0.816 | 0.816 | 0.816 | 0.669  |
| NH <sub>3</sub> -N(t/a) |                                                                                                                                        | 0.064  | 0.064  | 0.357 | 0.357 | 0.357 | 0.293  |
|                         |                                                                                                                                        | 0.018  | 0.018  | 0.102 | 0.102 | 0.102 | 0.084  |

|                            |       |  |        |        |       |       |       |       |
|----------------------------|-------|--|--------|--------|-------|-------|-------|-------|
|                            | (t/a) |  | 0.082  | 0.082  | 0.459 | 0.459 | 0.459 | 0.377 |
|                            |       |  | 0.027  | 0.027  | 0.153 | 0.153 | 0.153 | 0.126 |
|                            | VOCs  |  | 0.588  | 0.588  | 0.951 | 0.951 | 0.951 | 0.363 |
|                            | (t/a) |  | 0.0028 | 0.0028 | 0.011 | 0.011 | 0.011 | 0.008 |
| * COD                      |       |  |        |        |       |       |       |       |
| 97.1% VOCs 0.388t/a 0.4t/a |       |  |        |        |       |       |       |       |



" "

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1

2

3

4

4.2

4.2.1

#q: # (TM↓

>Xí

@ QP,@ 2D

4.2-1

/

h

(h)



UV

2t VOCs

MSDS

95%



98%

80%

“

+ ”

40000m³/h

4.2-4

|  |  |       |          |          |       |       |          |          |
|--|--|-------|----------|----------|-------|-------|----------|----------|
|  |  |       |          |          |       |       |          |          |
|  |  | mg/m³ | kg/h     | t/a      | t/a   | mg/m³ | kg/h     | t/a      |
|  |  | 0.075 | 0.003    | 0.011    | 0.000 | 0.077 | 0.003    | 0.011    |
|  |  | -     | 8.75E-05 | 3.15E-04 | 0.000 | -     | 8.75E-05 | 3.15E-04 |
|  |  | -     | -        | 0.011    | 0.000 | -     | -        | 0.011    |

3

“ +

”

DA001

40000

≤ 20

GB14554-93

4.2-5

4.2-5

|  |      |       |       |       |
|--|------|-------|-------|-------|
|  |      | t/a   | t/a   | t/a   |
|  | VOCs | 3.351 | 2.400 | 0.951 |
|  |      | 0.011 | 0     | 0.011 |
|  | VOCs | 3.351 | 2.400 | 0.951 |
|  |      | 0.011 | 0     | 0.011 |

4.2.2

1h

0%

4.2-8

mg/m<sup>3</sup>

kg/h

/h

/

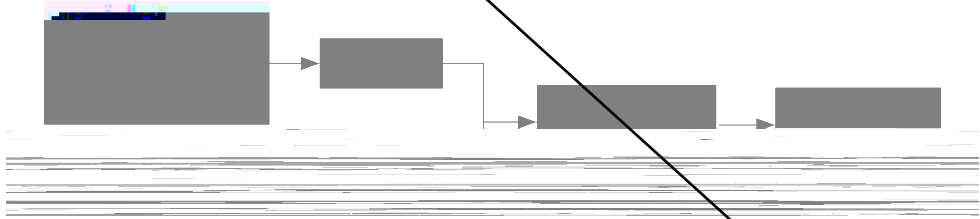
DA001

4.2-10

|       |    |    |      |          |      |        |        |
|-------|----|----|------|----------|------|--------|--------|
|       |    |    |      | (m³/h)   |      |        | (m³/h) |
| DA001 |    | 8  |      | 1000     | 98%  | 8000   |        |
|       | /  | 20 |      | 60       | 98%  | 1200   |        |
|       | UV | 9  |      | 400      | 98%  | 3600   |        |
|       |    | 26 |      | 300      | 98%  | 7800   |        |
|       |    | 15 |      | 1200     | 98%  | 18000  |        |
|       |    |    | (m²) | v<br>m/s | β    | (m³/h) | (m³/h) |
|       |    | 3  | 0.1  | 0.5      | 1.05 | 189    | 567.0  |
|       |    |    |      |          |      |        | 39167  |
|       |    |    |      |          |      |        | 40000  |
|       |    |    |      |          |      |        |        |

(2)

4.2-1



4.2-1

B.1

“VOCs”  
H 31—2019  
“+”

VOCs

DB33/2146-2018 1

GB16297-1996

-

BET

350m<sup>2</sup>/g

0.60m/s

80%

VOCs

200mg/Nm<sup>3</sup>

40000m<sup>3</sup>/h

3t

4.2-1

4.2.6

15m

10

$D=2AB/(A+B)$

D

A B

6

3

80

50

1.5m<sup>2</sup>

1.1m

10cm

**4.3**

**4.3.1**

|       |                   |            |           |            |       |        |   |  |                |  |        |        |       |        |
|-------|-------------------|------------|-----------|------------|-------|--------|---|--|----------------|--|--------|--------|-------|--------|
| 4.3-1 |                   |            |           |            |       |        |   |  |                |  |        |        |       |        |
| 4.3-1 |                   |            |           |            |       |        |   |  |                |  |        |        |       |        |
| /     |                   |            |           |            |       |        |   |  |                |  |        |        |       | /(h/a) |
|       |                   |            | (m³/a)    | (mg/L)     | (t/a) | (m³/d) |   |  | (%)            |  | (m³/a) | (mg/L) | (t/a) |        |
|       | COD <sub>Cr</sub> |            | 10200     | 350        | 3.570 | /      | + |  | /              |  | 500    | 5.100  | 500   | 3600   |
|       |                   |            |           | 35         | 0.357 |        |   |  | /              |  | 35     | 0.357  | 35    |        |
|       |                   |            |           | 50         | 0.510 |        |   |  | 10%            |  | 45     | 0.459  | 45    |        |
| 4.3-2 |                   |            |           |            |       |        |   |  |                |  |        |        |       |        |
| 4.3-2 |                   |            |           |            |       |        |   |  |                |  |        |        |       |        |
|       |                   |            |           |            |       |        |   |  |                |  |        |        |       |        |
|       |                   |            |           |            |       |        |   |  |                |  |        |        |       |        |
| DW001 |                   | 120.625989 | 30.086812 | 0:00-24:00 |       |        |   |  | GB8978-1996    |  |        |        |       |        |
|       |                   |            |           |            |       |        |   |  | DB33 887-2013  |  |        |        |       |        |
|       |                   |            |           |            |       |        |   |  | GB/T31962-2015 |  |        |        |       |        |

400 200 50L/ .d  
150L/ .d 40t/d  
85% 34t/d(10200t/a)  
CODcr 350mg/L NH<sub>3</sub>-N 35mg/L 50mg/L pH6-8  
1 1 500m<sup>3</sup>/h  
2.525m<sup>3</sup>/h 3600h/a  
9090m<sup>3</sup>/a

CODcr

4.3-3

4.3-3

|  |       |       | COD <sub>Cr</sub> |       | NH <sub>3</sub> -N |       | TN   |       |
|--|-------|-------|-------------------|-------|--------------------|-------|------|-------|
|  | t/d   | t/a   | mg/L              | t/a   | mg/L               | t/a   | mg/L | t/a   |
|  | 34.00 | 10200 | 350               | 3.570 | 35                 | 0.357 | 50   | 0.510 |
|  | 34.00 | 10200 | 500               | 5.100 | 35                 | 0.357 | 45   | 0.459 |
|  | 34.00 | 10200 | 80                | 0.816 | 10                 | 0.102 | 15   | 0.153 |

1

4.3.2

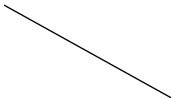
4.3.2

90 /

30 t/d

“ A/O ”

4.3-4



pH

ē

|    |        |        | 4.4-1 |      |      | ( ) |                 |        |        |     |
|----|--------|--------|-------|------|------|-----|-----------------|--------|--------|-----|
|    |        |        |       |      |      | /m  | L <sub>p1</sub> | TL     |        |     |
|    |        | /dB(A) | X     | Y    | Z    | /m  | /dB(A)          | /dB(A) | /dB(A) | (m) |
| 1  | 2F     | 70     | 85.7  | 1.4  | 8.9  | 10  | 47.3            | 21     | 26.3   | 1   |
| 2  | 3F     | 70     | 84.7  | 6.7  | 14.1 | 10  | 46.2            | 21     | 25.2   | 1   |
| 3  | 2F     | 70     | 81.3  | 3.1  | 8.9  | 10  | 52.3            | 21     | 31.3   | 1   |
| 4  | 3F     | 75     | 81.5  | 6.7  | 14.1 | 10  | 51.2            | 21     | 30.2   | 1   |
| 5  | 2F     | 75     | 77.9  | 3.4  | 8.9  | 10  | 52.3            | 21     | 31.3   | 1   |
| 6  | 3F     | 75     | 77.5  | 8.0  | 14.1 | 10  | 51.2            | 21     | 30.2   | 1   |
| 7  | AOI 2F | 75     | 28.9  | 11.5 | 8.9  | 15  | 50.5            | 21     | 29.5   | 1   |
| 8  | AOI 3F | 75     | 29.1  | 15.0 | 14.1 | 15  | 51.1            | 21     | 30.1   | 1   |
| 9  | 2F     | 75     | 72.9  | 3.8  | 8.9  | 10  | 53.4            | 21     | 32.4   | 1   |
| 10 | 3F     | 75     | 79.5  | 3.6  | 14.1 | 10  | 52.6            | 21     | 31.6   | 1   |
| 11 | 2F     | 75     | 72.6  | 9.0  | 8.9  | 10  | 53.4            | 21     | 32.4   | 1   |
| 12 | 3F     | 75     | 79.1  | 8.6  | 14.1 | 10  | 52.6            | 21     | 31.6   | 1   |
| 13 | 2F     | 75     | 99.8  | 2.0  | 8.9  | 5   | 57.2            | 21     |        |     |

|    |    |    |      |      |      |    |      |    |      |   |
|----|----|----|------|------|------|----|------|----|------|---|
| 19 |    | 75 | 21.0 | 29.9 | 20.0 | 7  | 58.6 | 21 | 37.6 | 1 |
| 20 |    | 75 | 99.9 | -0.9 | 14.5 | 6  | 55.6 | 21 | 34.6 | 1 |
| 21 | 2F | 75 | 20.5 | 12.3 | 8.9  | 15 | 50.5 | 21 |      |   |

4.4.2

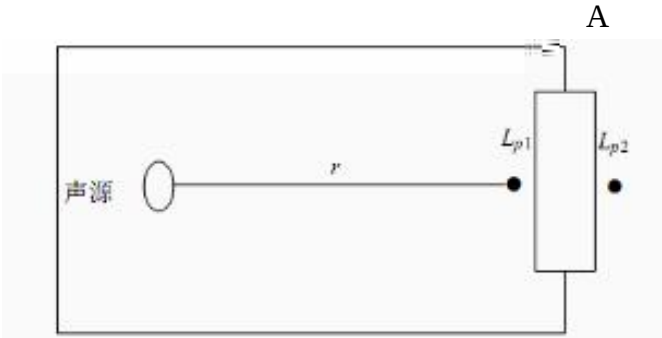
(HJ2.4-2021)

HJ2.4-2021 A( )

B( ) “B.1 ”

( )

A Lp1 Lp2



$L_{P2}=L_{P1}-(TL+6)$

$L_{P1}=L_w-10\lg(\frac{Q}{4\pi r^2}-\frac{4}{R})$

$R=S\alpha/(1-\alpha)$

Lp2 ( ) A dB

Lp1 ( ) A dB

TL ( ) A dB

Lw (A ) dB

Q Q=1

Q=2 Q=4

Q=8

r m

R

S m²

$$\alpha$$

$$L_p(r)=L_p(r_0)-20\lg(r/r_0)$$

$$\begin{array}{llll} L_p(r) & & & \text{dB} \\ L_p(r_0) & r_0 & & \text{dB} \\ r & & & \\ r_0 & & & \end{array}$$

$$\begin{array}{llll} & i & A & L_{Ai} \quad T \\ t_i & j & A & L_{Aj} \quad T \\ & t_j & & (L_{eqg}) \\ L_{eqg} & 10\lg[\frac{1}{T} \sum_{i=1}^N t_i 10^{0.1L_{Ai}} \sum_{j=1}^M t_j 10^{0.1L_{Aj}} ] \end{array}$$

4.4-3

## 4.5-1

|  |     |                    |     |  |      |       |  |  |       |
|--|-----|--------------------|-----|--|------|-------|--|--|-------|
|  |     |                    |     |  |      | (t/a) |  |  | (t/a) |
|  |     |                    |     |  |      |       |  |  |       |
|  |     | 900-008-S17        | PCB |  | -    | 160   |  |  | 160   |
|  |     | 900-099-S59        |     |  | -    | 0.25  |  |  | 0.25  |
|  |     | 900-003-S17        |     |  | -    | 28.76 |  |  | 28.76 |
|  |     |                    |     |  |      |       |  |  |       |
|  |     | HW49<br>900-045-49 |     |  | T    | 4     |  |  | 4     |
|  |     | HW49<br>900-041-49 |     |  | T/In | 0.748 |  |  | 0.748 |
|  |     | HW49<br>900-039-49 |     |  | T    | 14.4  |  |  | 14.4  |
|  |     | HW06<br>900-404-06 |     |  | T/In | 0.814 |  |  | 0.814 |
|  |     | HW49<br>900-041-49 |     |  | T/In | 0.2   |  |  | 0.2   |
|  | /UV | HW12<br>900-252-12 | UV  |  | T/In | 0.774 |  |  | 0.774 |
|  |     | HW13<br>900-014-13 |     |  | T    | 0.52  |  |  | 0.52  |
|  |     |                    |     |  |      |       |  |  |       |
|  |     |                    | -   |  | -    | 60    |  |  | 60    |



|       |   |                   |                  |                |                  |          |   |
|-------|---|-------------------|------------------|----------------|------------------|----------|---|
|       |   |                   |                  | 0.3t/a         |                  |          |   |
|       |   | VOC               | 10%              |                |                  | 0.814t/a |   |
| 8     |   | 1                 |                  |                |                  | 0.2t/a   |   |
| 9     |   |                   |                  |                |                  |          |   |
|       |   | UV                | 70%              |                |                  | 0.774t/a |   |
| 10    |   |                   |                  |                |                  |          |   |
|       |   |                   |                  |                |                  | 80%      |   |
|       |   | 0.52t/a           |                  |                |                  |          |   |
| 9     |   |                   |                  |                |                  |          |   |
|       |   | 400               |                  |                | 0.5 kg/d         |          |   |
|       |   | 60t/a             |                  |                |                  |          |   |
|       |   | 1                 | 30m <sup>2</sup> | 1              | 30m <sup>2</sup> |          |   |
| 1m    |   | 1t/m <sup>3</sup> |                  | 50%            |                  | 15t      |   |
|       |   | 21.356t/a         |                  | 90             |                  |          |   |
|       |   |                   |                  |                | (                | 2017     |   |
| 43    | ) |                   |                  |                |                  |          |   |
|       |   |                   |                  | 4.5-2          |                  |          |   |
|       |   | 4.5-2             |                  |                |                  |          |   |
|       |   |                   |                  | m <sup>2</sup> |                  |          |   |
| 1     |   |                   |                  |                |                  |          | 3 |
| 2     |   |                   |                  |                |                  |          | 3 |
| 3     |   |                   |                  |                |                  |          | 3 |
| 4     |   |                   |                  | 30             |                  | 15 t     | 3 |
| 5     |   |                   |                  |                |                  |          | 3 |
| 6     |   |                   |                  |                |                  |          | 3 |
| 7     |   |                   |                  |                |                  |          | 3 |
| 4.5.2 |   |                   |                  |                |                  |          |   |

( )

(GB18599-2020)

GB18597-2023

4.5-3

# 3

1m

 $10^{-7} \text{ cm/s}$ 

2mm

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

5

6

⋮

(1)

(2) 9      ġ   ĩ

(3)

(4)

(5)

(6)

(7)

(HJ1276-2022)      A

$$\vdots$$

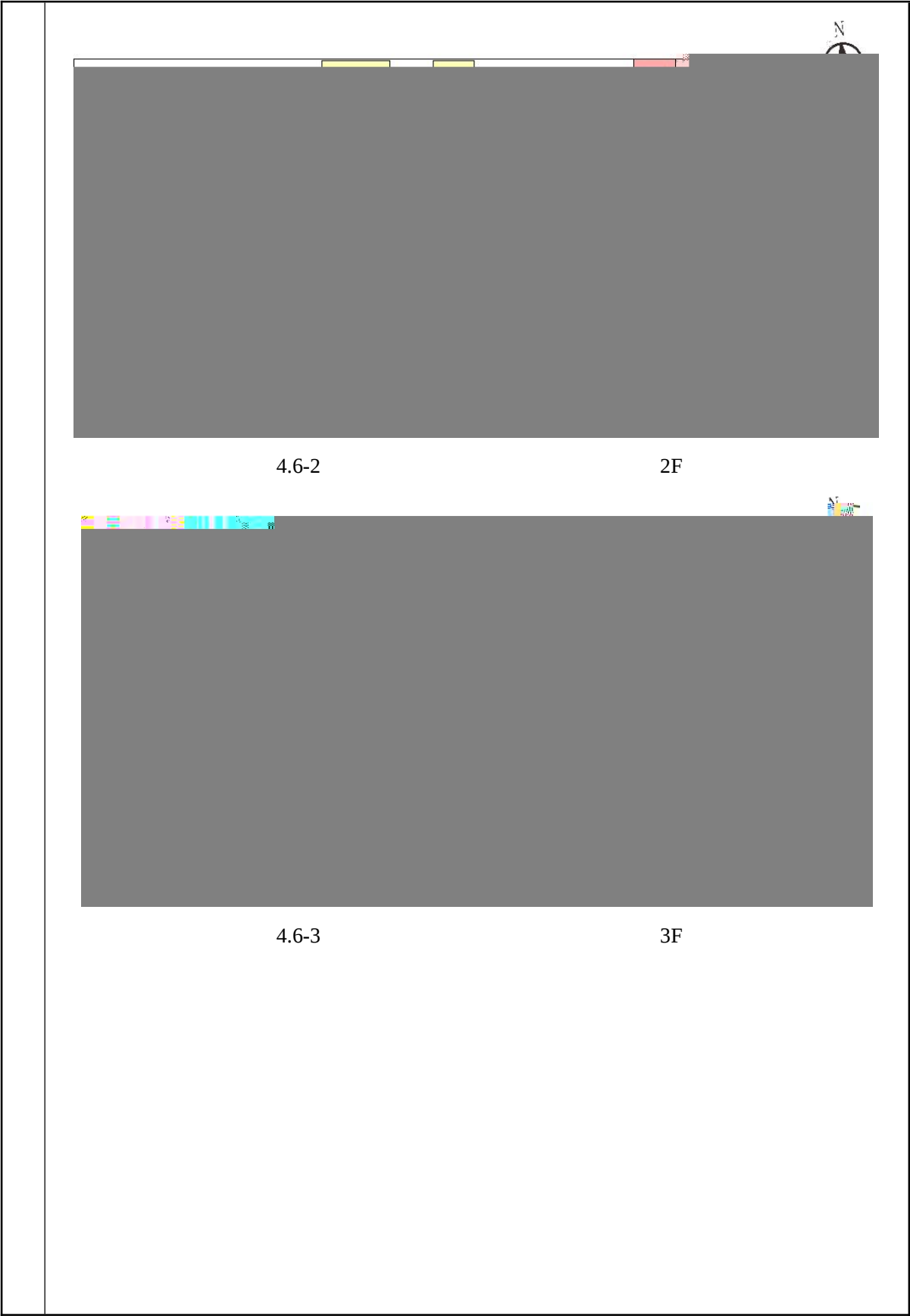
1

2

3

|  |                                                                                                                                                                                                                                                                                                                                     |  |                   |   |  |  |  |   |  |  |  |  |  |  |  |  |                   |   |  |  |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------|---|--|--|--|---|--|--|--|--|--|--|--|--|-------------------|---|--|--|
|  | <div>(3)</div> <div>(4)</div> <div>(5)</div> <div>(6)</div> <div>(7)</div>                                                                                                                                                                                                                                                          |  |                   |   |  |  |  |   |  |  |  |  |  |  |  |  |                   |   |  |  |
|  | <div>4.5.3</div> <div>4.6</div> <div>4.6.1</div> <div>4.6-1</div> <div>4.6-1</div> <table> <tr> <td></td><td>/</td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td></td><td></td><td></td><td>COD<sub>Cr</sub></td><td>/</td><td></td><td></td></tr> </table> <div>4.6.2</div> <div>(GB50108-2008)</div> <div>“ ”</div> |  |                   |   |  |  |  | / |  |  |  |  |  |  |  |  | COD <sub>Cr</sub> | / |  |  |
|  | /                                                                                                                                                                                                                                                                                                                                   |  |                   |   |  |  |  |   |  |  |  |  |  |  |  |  |                   |   |  |  |
|  |                                                                                                                                                                                                                                                                                                                                     |  | COD <sub>Cr</sub> | / |  |  |  |   |  |  |  |  |  |  |  |  |                   |   |  |  |







4.7.3

4.7.3.1

I II III IV/VI<sup>+</sup>

4.7-2

| (E)             | (P)             |      |      |      |
|-----------------|-----------------|------|------|------|
|                 | (P1)            | (P2) | (P3) | (P4) |
| (E1)            | IV <sup>+</sup> | IV   | III  | III  |
| (E2)            | IV              | III  | III  | II   |
| (E3)            | III             | III  | II   | I    |
| IV <sup>+</sup> |                 |      |      |      |

4.7.3.2

(P)

(1)

(Q)

Q

$$Q \quad \frac{q_1}{Q_1} \quad \frac{q_2}{Q_2} \quad \cdots \quad \frac{q_n}{Q_n}$$

$$q_1 \quad q_2 \dots q_n \text{---}$$

t

$$Q_1 \quad Q_2 \dots Q_n \text{---}$$

t

$$Q \quad 1$$

I

$$Q \geq 1 \quad Q \quad (1) 1 \leq Q \leq 10 \quad (2) 10 \leq Q \leq 100 \quad (3) Q \geq 100$$

Q

4.7-3

4.7-3

|   |  |  | (t)   | (t)  | Q     |  |
|---|--|--|-------|------|-------|--|
| 1 |  |  | 15    | 50   | 0.160 |  |
| 2 |  |  | 0.04  | 10   | 0.004 |  |
| 3 |  |  |       |      |       |  |
| 4 |  |  |       |      |       |  |
|   |  |  | 0.004 | 0.25 | 0.016 |  |

|            |  |      |        |      |        |  |
|------------|--|------|--------|------|--------|--|
| 5          |  |      | 0.0004 | 0.25 | 0.0016 |  |
| 6          |  | N,N- | 0.03   | 5    | 0.006  |  |
| Q $\Sigma$ |  |      |        |      | 0.187  |  |

|   |         |   |
|---|---------|---|
| Q | 0.187<1 | I |
|---|---------|---|

#### 4.7.4

7-4

7-4  $\Sigma$

|      |       |         |  |   |
|------|-------|---------|--|---|
|      |       |         |  |   |
| ≥ 30 | ≥ 142 | 13~13.1 |  | a |
| a    |       |         |  |   |

### 4.7.5

#### 4.7.5.1

7.5

7.5 4 0

2 2

( , 0 %V/V )( , 0 đŁ 0





|  |      |     |               |
|--|------|-----|---------------|
|  | VOCs | 1 / | (HJ1031-2019) |
|--|------|-----|---------------|

4.9-2

(GB12348-2008)3 Leq(A) 6:00~2᠔

|  |       |                        |                                    |                                                  |
|--|-------|------------------------|------------------------------------|--------------------------------------------------|
|  | ( )/  |                        |                                    |                                                  |
|  | DA001 | VOCs                   | / “<br>+ ”                         | DB33/2146-2018<br>GB16297- 1996                  |
|  | DW001 | CODcr                  | +                                  | (GB8978-1996)<br>(DB33/887-2013)<br>( [2017]57 ) |
|  |       |                        | 1)<br><br>2)<br>3)<br>4)<br><br>5) | GB12348-2008                                     |
|  | /     | /                      | /                                  | /                                                |
|  |       | 1 30m <sup>2</sup>     |                                    |                                                  |
|  |       | 1 30m <sup>2</sup> “ ” |                                    |                                                  |

|   |                 |                          |
|---|-----------------|--------------------------|
|   |                 |                          |
|   | “               |                          |
|   | ”               |                          |
|   | /               |                          |
|   |                 |                          |
| 1 |                 |                          |
|   | (2019 )( 11 )   |                          |
|   | 5-1 (2019 ) ( ) |                          |
|   |                 |                          |
|   | 39              |                          |
|   | 89              | 391<br>397<br>398<br>399 |
|   |                 | 10                       |
|   |                 | *                        |
|   | ( 736 )         |                          |
|   |                 |                          |
| 2 | “ ”             |                          |
|   | “ ”             |                          |
|   | “ ”             |                          |
|   | “ ”             |                          |

3

“

”

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