

2024.07.4

|     |   |     |                               |
|-----|---|-----|-------------------------------|
|     |   |     |                               |
|     | <p>688<br/>3 2 201-225<br/>3 323-<br/>324 2 D<br/>6 601</p> |     | <p>m<sup>2</sup><br/>5401</p> |
|     |   |     |                               |
|     | *   |     | 134****5849                   |
| ( ) | 150   | ( ) | 6                             |
|     | 2024.8.1  |     |                               |
|     | □ □   |     |                               |
|     | + ”   |     |                               |
|     |   |     |                               |
|     |   |     | 25                            |
|     |   |     | 25                            |
|     |   |     |                               |
|     |   |     |                               |
|     |   |     |                               |
|     |   |     |                               |

/



1. “
- + ”
2. 2017 57
- 3.

2014

3

2016

2016 11 22

[2016]322

2017 1 10

[2017]3

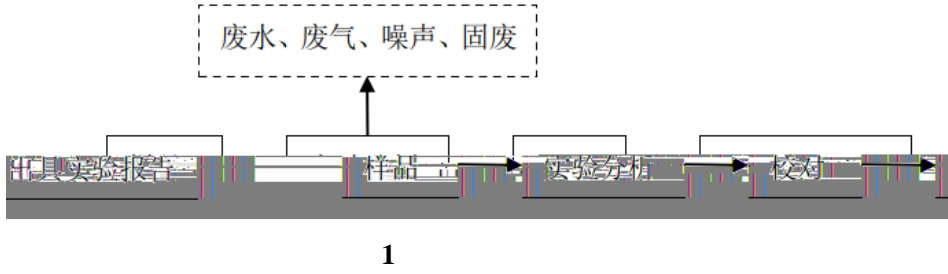
1

1

|    |  |  | t    |
|----|--|--|------|
| 1  |  |  | 0.02 |
| 2  |  |  | 0.04 |
| 3  |  |  | 0.04 |
| 4  |  |  | 0.1  |
| 5  |  |  | 0.03 |
| 6  |  |  | 0.02 |
| 7  |  |  | 0.04 |
| 8  |  |  | 0.05 |
| 9  |  |  | 0.1  |
| 10 |  |  | 0.02 |

11

3



4

|   | COD <sub>Cr</sub>           | NH <sub>3</sub> -N | COD <sub>Cr</sub> 0.5815t/a | 0.083t/a |
|---|-----------------------------|--------------------|-----------------------------|----------|
|   | NH <sub>3</sub> -N0.0602t/a | 0.0083t/a          |                             |          |
| 1 |                             | 2014               |                             |          |
|   | 688                         | 3                  | 2                           | 3        |
| 2 | D                           | 6                  | 7000                        | 688      |
|   |                             |                    |                             | 3        |
| 2 |                             | 9.5                |                             |          |
|   |                             |                    | 2021                        |          |
|   |                             |                    |                             | 98       |

3

|  |       |  |   |
|--|-------|--|---|
|  |       |  |   |
|  | P3 P4 |  | / |

+

[2017]57

2019

108 1-107

15t/d

500t/d

4

|     |       |  |  |  |
|-----|-------|--|--|--|
|     |       |  |  |  |
| 108 | 1-107 |  |  |  |

3

5

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6

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1

ZH33010820002

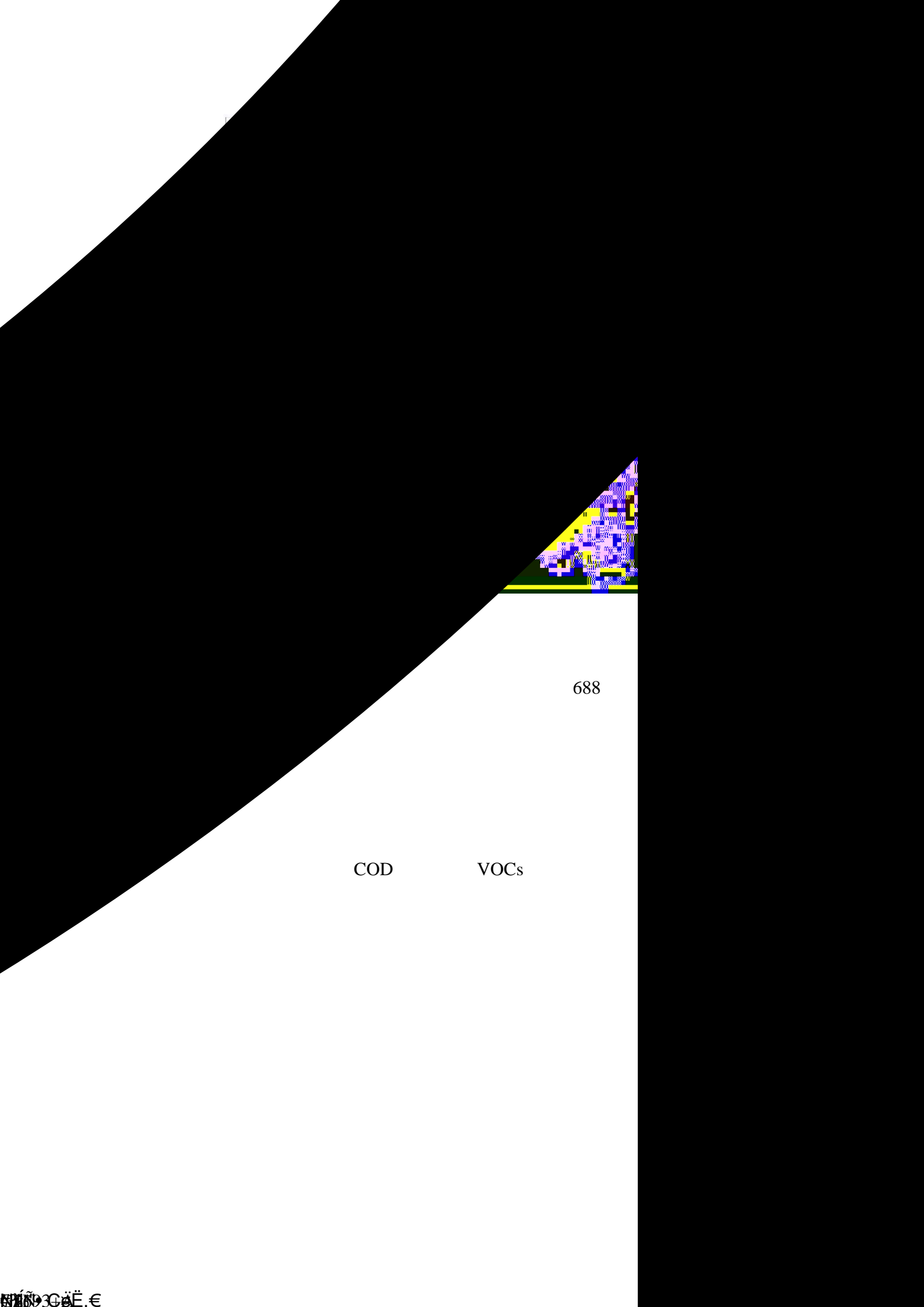
7

|  |   |     |  |
|--|---|-----|--|
|  |   |     |  |
|  |   | 688 |  |
|  |   |     |  |
|  |   |     |  |
|  | / |     |  |

2

688



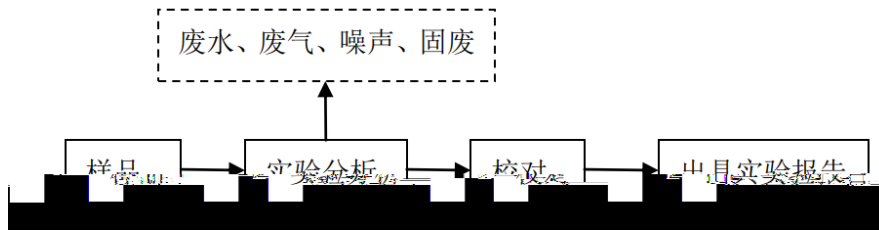


688

COD

VOCs

1



3

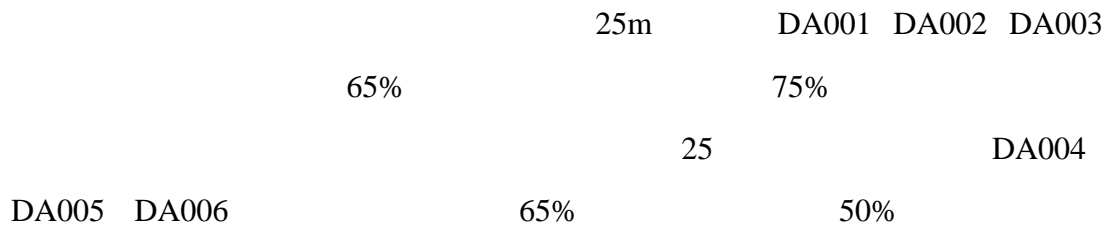
2

8

|  |  |  |   |
|--|--|--|---|
|  |  |  |   |
|  |  | COD <sub>Cr</sub> NH <sub>3</sub> -N SS<br>AOX | 2 |
|  |  | pH   |   |
|  |  | COD <sub>Cr</sub> NH <sub>3</sub> -N SS        |   |

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|

3

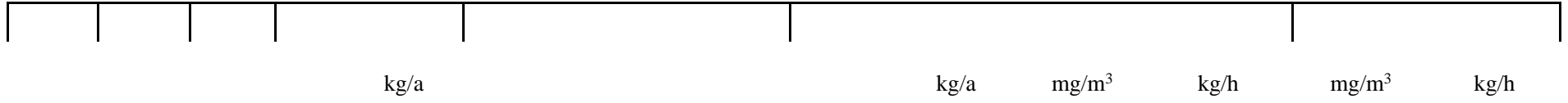


9



10

|         |  |       |     | (t/a) | (kg/a) |      |
|---------|--|-------|-----|-------|--------|------|
| 3       |  |       |     |       |        |      |
| 1       |  | 39.8  | 10% | 0.3   | 30     |      |
| 2       |  | 64.8  | 10% | 1.76  | 176    |      |
| 3       |  | 100.6 | 5%  | 0.08  | 4      |      |
| 4       |  | 90    | 10% | 2.3   | 230    |      |
| 5       |  | 81.6  | 10% | 2.2   | 220    |      |
| 6       |  | 77.2  | 10% | 0.67  | 67     |      |
| 7       |  | 98    | 10% | 0.06  | 6      |      |
| 8       |  | 69    | 10% | 0.44  | 44     |      |
| 9       |  | 70    | 10% | 0.8   | 80     |      |
| 10      |  | 34.5  | 10% | 0.72  | 72     |      |
| 11      |  | 56.5  | 10% | 0.16  | 16     |      |
| 12      |  | 61.2  | 10% | 0.27  | 27     |      |
| 3       |  |       |     |       |        |      |
|         |  |       |     | (t/a) | (kg/a) |      |
| 1       |  |       |     | 0.28  | 5%     | 14   |
| 2       |  |       |     | 0.2   | 10%    | 20   |
| 3       |  |       |     | 0.62  | 10%    | 62   |
| 4       |  |       |     | 0.03  | 15%    | 4.5  |
| 2       |  |       |     |       |        |      |
| 1       |  |       |     | 0.55  | 5%     | 27.5 |
| 2       |  |       |     | 0.143 | 10%    | 14.3 |
| 3       |  |       |     | 0.44  | 10%    | 44   |
| 0.02t/a |  |       |     |       |        |      |
| 15%     |  |       |     |       |        |      |



|  |  |  |      |      |  |  |  |       |       |        |        |     |
|--|--|--|------|------|--|--|--|-------|-------|--------|--------|-----|
|  |  |  |      | +25m |  |  |  | 4.3   | /     | 0.002  | 0.2    | /   |
|  |  |  | 7    |      |  |  |  | 2.28  | 0.071 | 0.0011 | 45     | 2.6 |
|  |  |  | 31   |      |  |  |  | 2.45  | /     | 0.0012 | 1.2    | /   |
|  |  |  |      |      |  |  |  | 10.1  | 0.315 | 0.005  | 240    | 1.3 |
|  |  |  |      |      |  |  |  | 10.85 | /     | 0.005  | 0.12   | /   |
|  |  |  | 14.3 |      |  |  |  | 4.65  | 0.13  | 0.0023 | 6TQ EM |     |

DA006

+25m<sup>+</sup> 65% 50%

0

1-2

0.5

12

|   |       |    |       | kg/h   | mg/m <sup>3</sup> | /h  | /   |  |
|---|-------|----|-------|--------|-------------------|-----|-----|--|
| 1 | DA001 | 0% |       | 0.019  | 0.86              | 0.5 | 1~2 |  |
|   |       |    |       | 0.086  | 3.92              |     |     |  |
| 2 | DA002 |    |       | 0.019  | 1.9               |     |     |  |
|   |       |    |       | 0.086  | 8.6               |     |     |  |
| 3 | DA003 |    |       | 0.019  | 0.68              |     |     |  |
|   |       |    |       | 0.086  | 3.08              |     |     |  |
| 4 | DA004 |    |       | 0.004  | 0.22              |     |     |  |
|   |       |    |       | 0.0023 | 0.13              |     |     |  |
|   |       |    |       | 0.01   | 0.56              |     |     |  |
| 5 | DA005 |    |       | 0.004  | 0.25              |     |     |  |
|   |       |    |       | 0.002  | 0.14              |     |     |  |
|   |       |    |       | 0.01   | 0.63              |     |     |  |
| 6 | DA006 |    | 0.005 | 0.26   |                   |     |     |  |
|   |       |    | 0.009 | 0.5    |                   |     |     |  |
|   |       |    | 0.014 | 0.8    |                   |     |     |  |

1

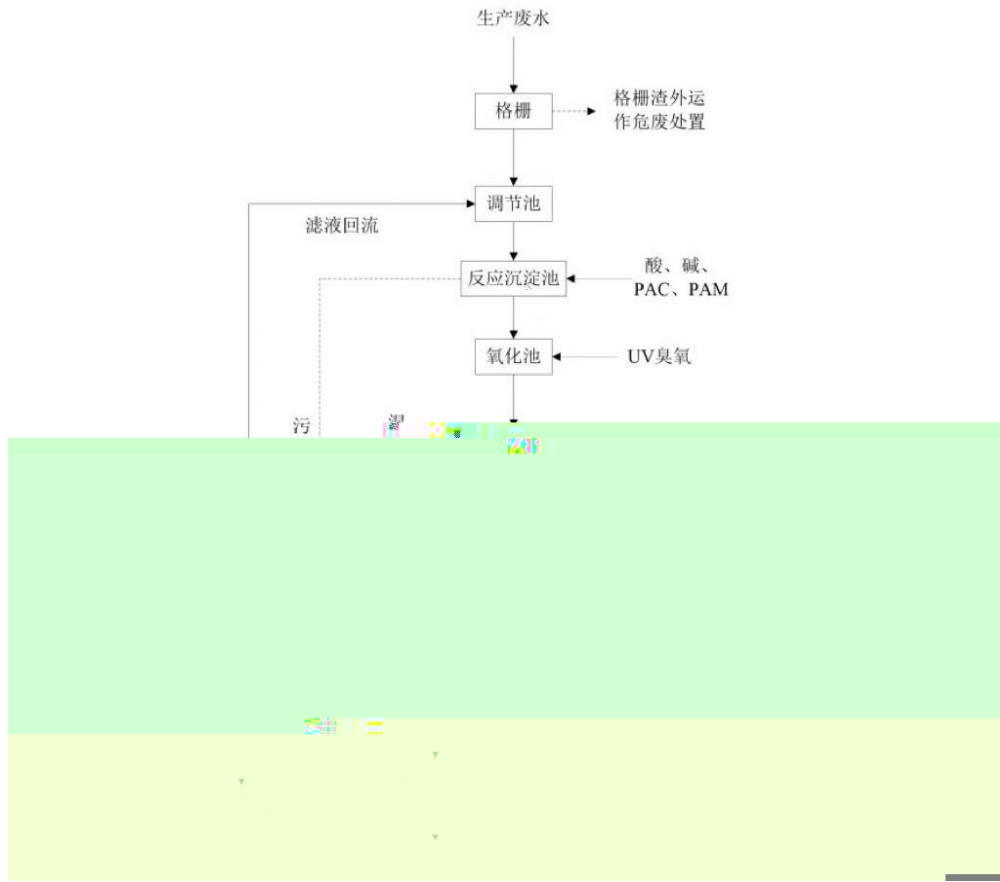
13

|  |  |           |  |              |
|--|--|-----------|--|--------------|
|  |  |           |  |              |
|  |  | +<br>+25m |  | (HJ942 2018) |
|  |  | +<br>+25m |  |              |





## 废水处理工艺



4

COD<sub>Cr</sub> NH<sub>3</sub>-N VOCs

COD<sub>Cr</sub> NH<sub>3</sub>-N

15

t/a

|   |                    |        |       |
|---|--------------------|--------|-------|
|   |                    |        |       |
| 1 | COD <sub>Cr</sub>  | 0.5815 | 0.176 |
| 2 | NH <sub>3</sub> -N | 0.0602 | 0.015 |
| 3 | VOCs               | /      | 0.532 |

16

|       |   |  | <b>m</b> | <b>m</b> |    |   |  |
|-------|---|--|----------|----------|----|---|--|
| DA001 | 1 |  | 25       | 0.6      | 25 | 3 |  |
| DA002 | 2 |  | 25       | 0.6      | 25 |   |  |
| DA003 | 3 |  | 25       | 0.6      | 25 |   |  |
| DA004 | 1 |  | 25       | 0.7      | 25 |   |  |
| DA005 | 2 |  | 25       | 0.7      | 25 |   |  |
| DA006 | 3 |  | 25       | 0.74     | 25 | 2 |  |

17

|       |   |  | <b>mg/m<sup>3</sup></b> | <b>kg/h</b> |     |   |   |
|-------|---|--|-------------------------|-------------|-----|---|---|
| DA001 | 1 |  | (GB16297-1996)          | 190         | 8.6 | / | / |
|       |   |  |                         | 120         | 17  | / | / |
| DA002 | 2 |  |                         | 190         | 8.6 | / | / |
|       |   |  |                         | 120         | 17  | / | / |
| DA003 | 3 |  |                         | 190         | 8.6 | / | / |
|       |   |  |                         | 120         | 17  | / | / |
|       |   |  |                         |             |     | / | / |
| DA004 | 1 |  |                         |             | 2.6 | / | / |
|       |   |  | (GB16297-1996)          |             | 1.3 |   |   |
| DA005 |   |  |                         |             |     | / | / |

|       |   |  |  |     |      |   |   |
|-------|---|--|--|-----|------|---|---|
|       | 2 |  |  | 45  | 2.6  | / | / |
|       |   |  |  | 240 | 1.3  | / | / |
| DA006 | 3 |  |  | 100 | 0.43 | / | / |
|       |   |  |  | 45  | 2.6  | / | / |
|       |   |  |  | 240 | 1.3  | / | / |

18

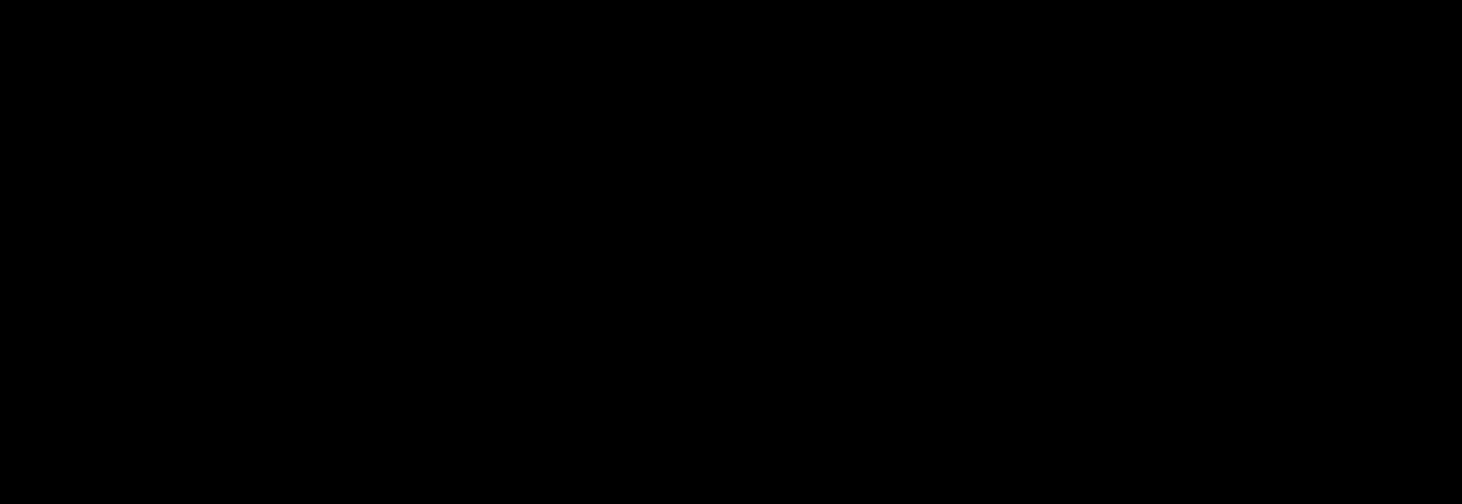
|  |  |            |    |                        |
|--|--|------------|----|------------------------|
|  |  |            |    |                        |
|  |  |            |    |                        |
|  |  | 16297-1996 | GB | 0.2mg/Nm <sup>3</sup>  |
|  |  |            |    | 1.2mg/Nm <sup>3</sup>  |
|  |  |            |    | 0.12mg/Nm <sup>3</sup> |
|  |  |            |    | 12mg/Nm <sup>3</sup>   |

|  |  |     |               |        |   |   |
|--|--|-----|---------------|--------|---|---|
|  |  |     | DB33/887-2013 | 5mg/L  | / | / |
|  |  | AOX | GB8978-1996   | 8mg/L  | / | / |
|  |  | pH  | GB8978-1996   | 6~9    | / | / |
|  |  |     | GB8978-1996   | 20mg/L | / | / |

20

|  |  |  |  |  |  |  |  |  |  |     |
|--|--|--|--|--|--|--|--|--|--|-----|
|  |  |  |  |  |  |  |  |  |  | t/a |
|--|--|--|--|--|--|--|--|--|--|-----|

|  |  |  |  |       |  |  |  |      |
|--|--|--|--|-------|--|--|--|------|
|  |  |  |  | T/C/R |  |  |  | 0.05 |
|  |  |  |  | T/In  |  |  |  | 0.3  |
|  |  |  |  | T/In  |  |  |  | 0.6  |
|  |  |  |  | T/C/R |  |  |  | 2    |



|  |              |       |  |  |       |  |   |
|--|--------------|-------|--|--|-------|--|---|
|  | CZ0001       |       |  |  | /3    |  |   |
|  |              |       |  |  | /2    |  |   |
|  |              |       |  |  | /2    |  |   |
|  |              |       |  |  | /5    |  |   |
|  |              |       |  |  | /2    |  |   |
|  |              |       |  |  | /65   |  |   |
|  |              |       |  |  |       |  |   |
|  |              |       |  |  |       |  |   |
|  | GB12348 2008 | 08:00 |  |  | /     |  | / |
|  |              |       |  |  | dB(A) |  |   |
|  |              |       |  |  |       |  |   |

## 22

|       |  |     |            |                |
|-------|--|-----|------------|----------------|
|       |  |     |            |                |
| DA001 |  | 1 / | HJ819-2017 | (GB16297-1996) |
| DA002 |  |     |            |                |
| DA003 |  |     |            |                |
| DA004 |  |     |            |                |
| DA005 |  |     |            |                |
| DA006 |  |     |            |                |
|       |  | 1 / |            |                |
|       |  |     |            | GB 37822-2019  |

## 23

|       |     |     |            |                |
|-------|-----|-----|------------|----------------|
|       |     |     |            |                |
| DW001 |     | 1 / | HJ819-2017 | GB8978-1996    |
|       |     |     |            | DB33/887-2013  |
|       | AOX |     |            | GB8978-1996    |
|       | SS  |     |            | GB/T31962-2015 |
|       |     |     |            | GB8978-1996    |
|       | pH  |     |            |                |
|       |     |     |            |                |
|       |     |     |            |                |