

1.5

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1

1

## 3.2-3

|        |        |       |       |
|--------|--------|-------|-------|
|        |        |       |       |
| 2020 * | 8703.9 | 0.696 | 0.131 |
|        | 12714  | 1.017 | 0.191 |

SO<sub>2</sub> NO<sub>x</sub> HF HCl  
( )

(PAHs)

(PCDD)

(PCDF)

2021 1 1 -6 30 2021 5  
2020 6  
2020 142 24h  
2021 1 1 -6 30

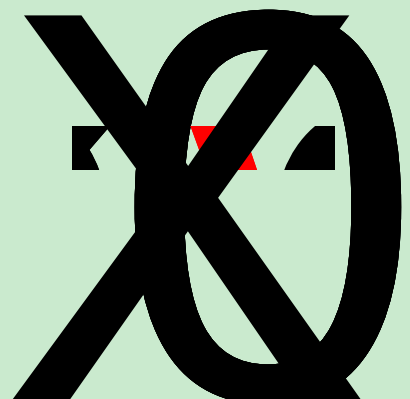
1.99×10<sup>4</sup>m<sup>3</sup>/hNO<sub>x</sub> SO<sub>2</sub> CO HCl

|                   |         |                |             |           |
|-------------------|---------|----------------|-------------|-----------|
| 1.5               |         |                |             |           |
|                   |         |                |             |           |
| 30mg/m³           |         | 240mg/m³       | 100mg/m³    | 100mg/m³  |
| HF                | 2021    | 5              |             |           |
| 2021              | H       | 05142-4        | HF          | 1.44mg/m³ |
| 3.35×10⁴m³/h      |         |                |             |           |
| 2020              | 6       |                |             |           |
| 2020EC060012      |         |                |             |           |
| 2.13×10⁻³ngTEQ/m³ |         |                |             |           |
| 3.72×10⁴m³/h      |         |                |             |           |
| Pb                |         | Pb             | 1.9         | 10⁻⁴mg/m³ |
| 27                | 10⁴m³/h |                |             | 2.27      |
| As                |         | As             | 1.13        | 10⁻⁶mg/m³ |
| 27                | 10⁴m³/h |                |             | 2.27      |
| Cd                |         | Cd             | 9.45        | 10⁻⁶mg/m³ |
| 27                | 10⁴m³/h |                |             | 2.27      |
| Hg                |         | Hg             | 1.21        | 10⁻⁶mg/m³ |
| 27                | 10⁴m³/h |                |             | 2.27      |
| Cr                |         | Cr             | 0.0021mg/m³ | 2.27      |
| 10⁴m³/h           |         |                |             |           |
| Sn+Sb+Cu+Mn+Ni    |         | Sn+Sb+Cu+Mn+Ni | 9.00        | 10⁻⁴mg/m³ |
| 2.27              | 10⁴m³/h |                |             |           |
| 3.2-4             |         |                |             |           |
| 142d              |         |                |             |           |
|                   |         | kg/h           | t/a         | t/a       |
| 1                 |         | 0.596          | 2.03        | 3.49      |
| 2                 | SO₂     | 1.987          | 6.77        | 11.64     |
| 3                 | NOₓ     | 4.770          | 16.26       | 27.93     |
| 4                 | HF      | 0.0482         | 0.16        | 0.28      |
| 5                 | HCl     | 1.192          | 4.06        | 6.98      |
| 6                 |         |                |             |           |

| 1.5 |                |      |           |      |      |
|-----|----------------|------|-----------|------|------|
| 10  | Hg             | 1.80 | $10^{-4}$ | 0.61 | 1.05 |
| 11  | Cr             | 1.19 | $10^{-3}$ | 4.06 | 6.98 |
| 12  | Sn+Sb+Cu+Mn+Ni | 5.1  | $10^{-4}$ | 1.74 |      |

N

$\times 10^{-1}$



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|         |   | NH <sub>3</sub> | H <sub>2</sub> S |
|---------|---|-----------------|------------------|
| 2021    | 5 |                 | 2021 H           |
| 05142-4 |   | 365d            | 24h/d            |

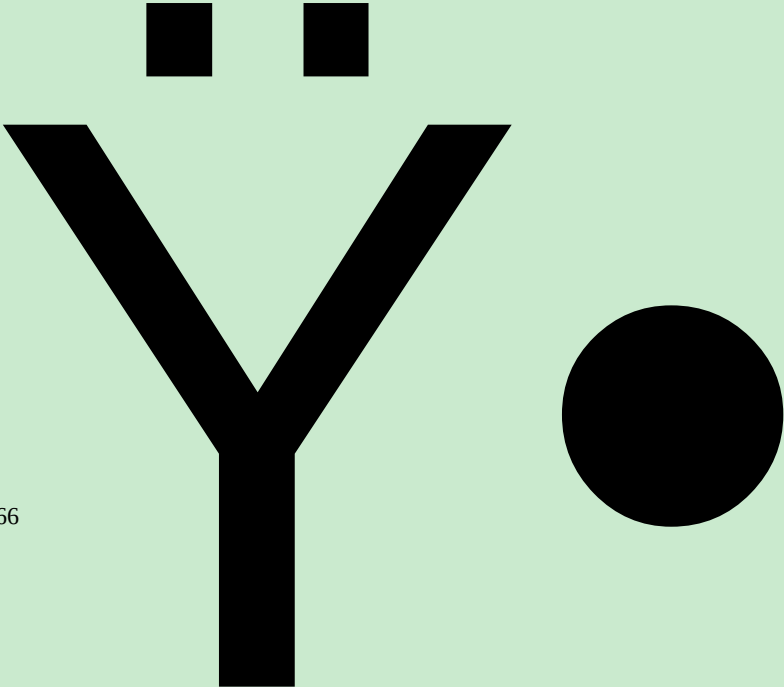
|                    |                  |                            |                           |      |
|--------------------|------------------|----------------------------|---------------------------|------|
| 1.5                |                  |                            |                           |      |
| H <sub>2</sub> S   | H <sub>2</sub> S | 0.013mg/m <sup>3</sup>     | 817                       |      |
| 6m <sup>3</sup> /h | H <sub>2</sub> S | 1.04×10 <sup>-4</sup> kg/h | 9.08×10 <sup>-4</sup> t/a |      |
|                    |                  | 1.5                        | 3000                      | 2020 |
|                    |                  | 9056.13                    | 1421.745                  | 2020 |
| 58.2%              |                  |                            | 3.2-9                     |      |

|   |  |      |            | 2020<br>(t) | (t)     |   |  |  |  |    |      |  |
|---|--|------|------------|-------------|---------|---|--|--|--|----|------|--|
| 1 |  | HW18 | 772-003-18 | 1548.09     | 2659.95 |   |  |  |  |    | T    |  |
| 2 |  | HW18 | 772-003-18 | 830.66      | 1427.25 |   |  |  |  |    | T    |  |
| 3 |  | HW18 | 772-003-18 | 0.17        | 0.29    |   |  |  |  | 10 | T    |  |
| 4 |  | HW49 | 900-041-49 |             |         |   |  |  |  | 2  | T/In |  |
| 5 |  | HW08 | 900-214-08 | 0.34        | 0.58    |   |  |  |  |    | T I  |  |
| 6 |  | HW49 | 900-039-49 | 9           | 15.46   |   |  |  |  |    | T    |  |
| 7 |  | HW18 | 772-003-18 | 651.787     | 1079.58 |   |  |  |  |    | T    |  |
| 8 |  | /    | /          | 3           | 5.15    | / |  |  |  |    | /    |  |
| 9 |  | HW49 | 900-041-49 | 1.02        | 2.15    |   |  |  |  |    | T/In |  |

3.2-10

|                |                 |        |       |          |
|----------------|-----------------|--------|-------|----------|
|                |                 | 12714  | 12900 | -186     |
|                |                 | 1.017  | 1.032 | -0.015   |
|                |                 | 0.191  | 0.194 | -0.003   |
|                |                 | 8.05   | 9.10  | -1.05    |
|                | SO <sub>2</sub> | 11.64  | 60.67 | -49.03   |
|                | NO <sub>x</sub> | 27.93  | 72.81 | -44.88   |
|                | HF              | 0.55   | 0.61  | -0.06    |
|                | HCl             | 13.61  | 15.17 | -1.56    |
|                |                 | 0.00   | 0.03  | -0.03    |
| Pb             | kg/a            | 1.09   | 151.7 | -150.61  |
| As             | kg/a            | 0.46   | 15.2  | -14.74   |
| Cd             | kg/a            | 0.012  | 15.2  | -15.188  |
| Hg             | kg/a            | 0.36   | 3.6   | -3.24    |
| Cr             | kg/a            | 2.987  | 607   | -589.095 |
| Sn+Sb+Cu+Mn+Ni | kg/a            | 14.918 |       |          |
| CO             |                 | 11.64  | 24.27 | -12.63   |
|                |                 | 4.25   | 4.55  | -0.31    |
|                |                 | 0.02   | 0.03  | -0.01    |
|                |                 | 0.58   | 3.09  | -2.51    |
|                |                 | 0      | 0     | 0        |
|                |                 | 0      | 0     | 0        |
|                |                 | 0      | 0     | 0        |
|                |                 | 0      | 0     | 0        |
|                |                 | 0      | 0     | 0        |
|                |                 | 0      | 0     | 0        |
|                |                 | 0      | 0     | 0        |
|                |                 | 0      | 0     | 0        |

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HCl SO<sub>2</sub> NO<sub>x</sub>  
 “SNCR + + + + +  
 + ” 3.3-1

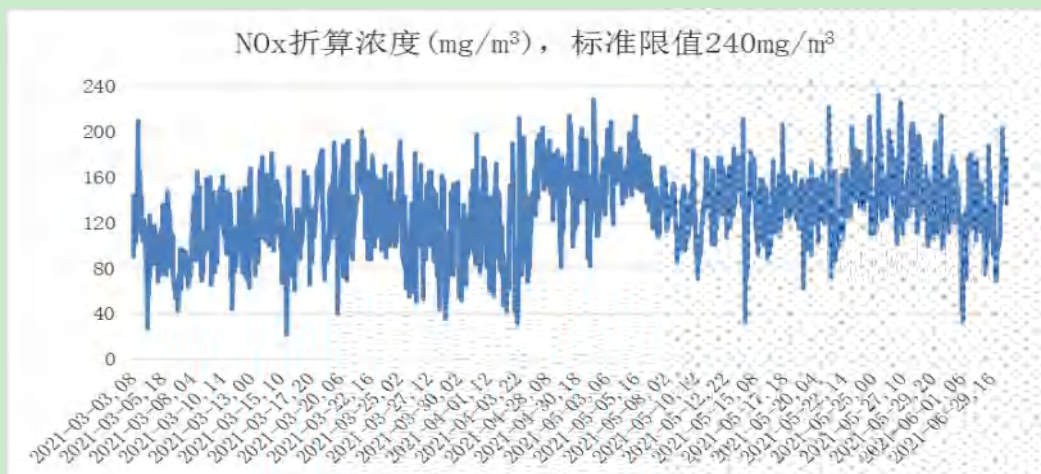
NO<sub>x</sub> SNCR NO<sub>x</sub>  
 240mg/m<sup>3</sup>  
 SO<sub>2</sub> HCl  
 200  
 50m

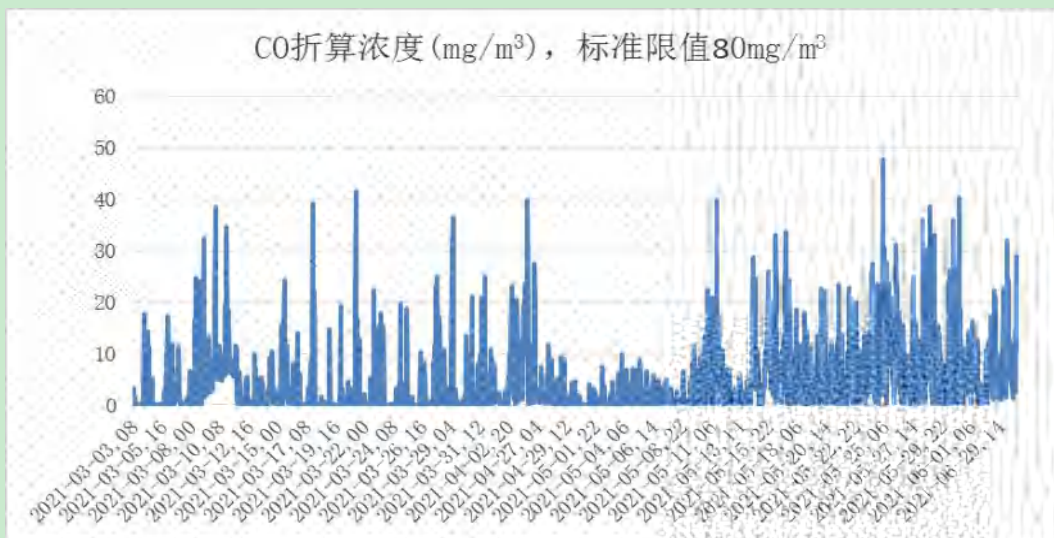
2021 1 1 ~6 30  
 2020 12 17 ~2 26 2021 4 5 ~4 26  
 2021 6 3 ~6 28  
 NO<sub>x</sub> SO<sub>2</sub> CO HCl

3.3-1 3.3-2~3.3-6

|   | SO <sub>2</sub><br>(mg/m <sup>3</sup> ) | NO <sub>x</sub><br>(mg/m <sup>3</sup> ) | (mg/m <sup>3</sup> ) | CO<br>(mg/m <sup>3</sup> ) | HCl<br>(mg/m <sup>3</sup> ) |
|---|-----------------------------------------|-----------------------------------------|----------------------|----------------------------|-----------------------------|
|   | 1.818                                   | 129.33                                  | 2.85                 | 4.435                      | 1.102                       |
|   | 145.1                                   | 233                                     | 24.4                 | 47.74                      | 2.06                        |
| % | 0                                       | 0                                       | 0                    | 0                          | 0                           |
|   | 200                                     | 240                                     | 65                   | 80                         | 60                          |
|   |                                         |                                         |                      |                            |                             |

GB18484-2001





2020 6

2020H060704

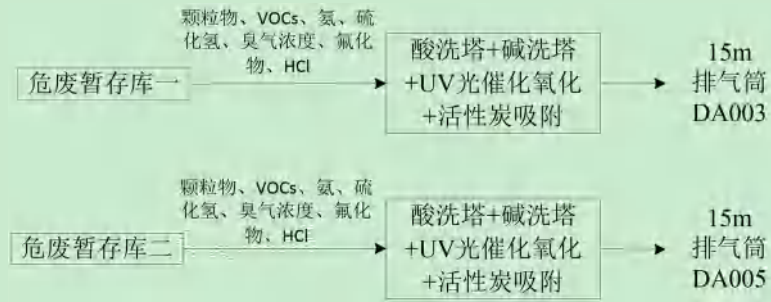
2020EC060012

( $\mu\text{g}/\text{m}^3$ )

(

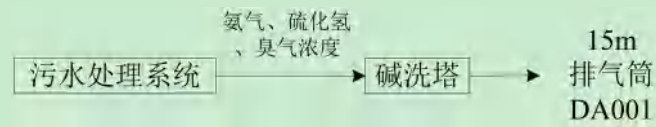
2020 6 18

A2200155595102



“ + NaOH+NaClO ”

15m



2021 5

3.3-5

|  | ( $\mu\text{g}/\text{m}^3$ ) | ( $\mu\text{g}/\text{m}^3$ ) |   |
|--|------------------------------|------------------------------|---|
|  | 20                           | 120                          |   |
|  | 0.08                         | /                            | / |
|  | 0.71                         | /                            | / |
|  | 506                          | 2000                         |   |
|  | 0.663                        | 9                            |   |
|  | 3.837                        | 120                          |   |
|  | 7.963                        | 100                          |   |
|  | 20                           | 120                          |   |
|  | 0.076                        | /                            | / |
|  | 0.4                          | /                            | / |
|  | 505.6                        | 2000                         |   |
|  | 0.413                        | 9                            |   |
|  | 4.360                        | 120                          |   |
|  | 6.870                        | 100                          |   |
|  | 20                           | 120                          |   |
|  | 0.0157                       | /                            | / |
|  | 0.183                        | /                            | / |
|  | 381                          | 2000                         |   |
|  | 0.57                         | 9                            |   |

|  |        |      |   |
|--|--------|------|---|
|  | 7.97   | 120  |   |
|  | 5.456  | 100  |   |
|  |        |      |   |
|  | 0.0417 | /    | / |
|  | 0.927  | /    | / |
|  | 677.3  | 2000 |   |

3.3-5

GB 14554-1993

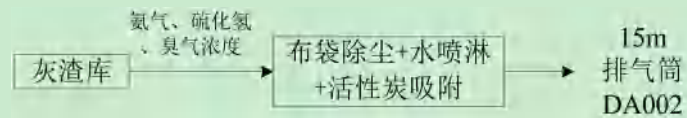
GB 16297-1996

+

“ + ”

15m

7500

0m<sup>3</sup>/h

2021 5

2021 H 05142-4 2021 5

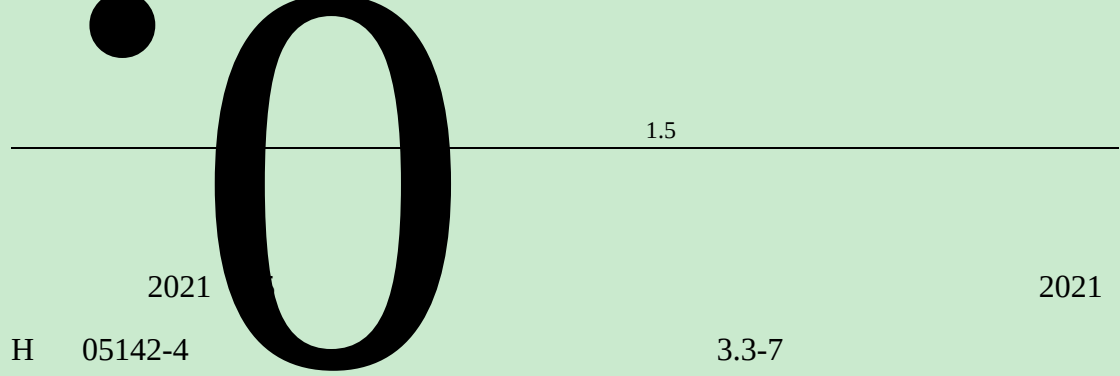
3.3-6

|  |                              |                              |   |
|--|------------------------------|------------------------------|---|
|  | ( $\mu\text{g}/\text{m}^3$ ) | ( $\mu\text{g}/\text{m}^3$ ) |   |
|  | 20000                        | 120000                       |   |
|  | 76.33                        | /                            | / |
|  | 400                          | /                            | / |
|  | 505.6                        | 2000                         |   |
|  | 413.3                        | 9000                         |   |
|  | 4360                         | 120000                       |   |
|  | 6870                         | 100000                       |   |

3.3-6

GB 14554-1993

GB 16297-1996



| (mg/m <sup>3</sup> ) | (mg/m <sup>3</sup> ) |
|----------------------|----------------------|
| 1.13                 | 4                    |
| 10                   | 20                   |
| 0.001                | 0.06                 |
| 0.05                 | 0.2                  |
| 0.5                  | 20                   |
| 0.326                | 1.0                  |
| 0.03                 | 1.5                  |
| 1.37                 | 4                    |
| 10                   | 20                   |

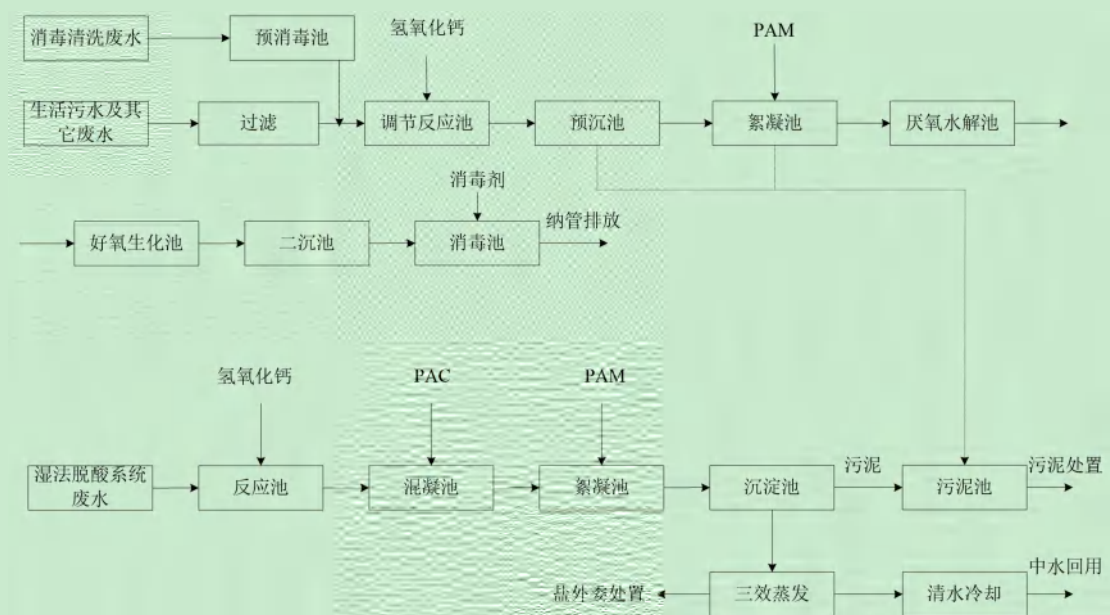
0  
0  
0

0

2

100t/d “ + ” 50t/d “  
 + ” 50t/d  
 “ + ”  
 “ +  
 ”

3.3-11



COD

COD



|   |  |  |      |            |  |                  |  |     |   |
|---|--|--|------|------------|--|------------------|--|-----|---|
|   |  |  |      |            |  |                  |  |     |   |
| 2 |  |  | HW18 | 772-003-18 |  | 30m <sup>2</sup> |  | 20t | 1 |

## 3.3-12

|   |  |  | 2020<br>t/a |  |  |
|---|--|--|-------------|--|--|
| 1 |  |  | 1548.09     |  |  |
| 2 |  |  | 830.63      |  |  |
| 3 |  |  | 0.17        |  |  |
| 4 |  |  | 663.94      |  |  |
| 5 |  |  | 0           |  |  |
| 6 |  |  | 0.34        |  |  |
| 7 |  |  | 9           |  |  |
| 8 |  |  | 3           |  |  |

2

3

2019 6  
33068220

10

19025

11

4

1000m<sup>3</sup>

500m<sup>3</sup>

3.4-1