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| 4.10.1 |          |
| 4.10.2 |          |
| 4.10.3 |          |
|        | GB 30871 |
| 4.10.4 |          |
| 4.10.5 |          |
| 4.11   |          |
| 4.11.1 |          |
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安全风险隐患排查表

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| ( ) |                                        |                    |
| 1   | 1.<br>2.<br>1<br>2<br>3                | 2.12011 93         |
| 2   | 1.<br>2.<br>3.                         | 2.12011 93         |
| 3   |                                        | 2018 74            |
| 4   | 1.<br>2.<br>3.<br>4.<br>5.<br>6.<br>7. |                    |
| 5   | 1<br>2                                 | 5.62011 93         |
| 6   |                                        | <<br>><br>2010 186 |
| 7   |                                        | 3.22011 93         |

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|     |                                                  |                           |
| 8   |                                                  |                           |
| 9   |                                                  | 2011 93<br>11.2           |
| 10  |                                                  |                           |
| 11  |                                                  |                           |
| 12  |                                                  | 2011 93<br>2.3            |
| 13  |                                                  | 41                        |
| 14  | 1.<br>2.<br>2% 50 1<br>2<br>3. 300<br>15%<br>7 1 | 2010 186<br>11            |
| 15  | 1.<br>2.                                         | 2012 16                   |
| 16  |                                                  | ( 2016 32 )               |
| 17  | “ ”<br>“ ”                                       |                           |
| 18  |                                                  |                           |
| 19  |                                                  | 30                        |
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| 1   | 1.<br>2.                                         | 2017 29<br>2011 93<br>2.3 |
| 2   |                                                  |                           |

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|     |          | 2017 29        |
| 3   |          | 2017 29        |
| 4   |          | 2011 93<br>4.3 |
| ( ) |          |                |
| 1   |          | 3              |
| 2   |          | 2011 93<br>5.1 |
| 3   |          | 3              |
| 4   |          | 2011 93<br>5.1 |
| 5   | 1.<br>2. | 3              |
| 6   |          | 3              |
| 7   | 3        | 3              |
| 8   | 72<br>20 | 3              |
| 9   |          | 3              |
| 10  | 1.<br>2. | 30             |
| 11  |          | 2013 88        |
| 12  |          |                |

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| 13  |  | 2011 93<br>5.5 |
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| 2 | 1.<br>1<br>2<br>3<br>4<br>2.<br>3.<br>GB36894 | 2013 88<br><br>2011 93<br>3.1    |
| 3 | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9     | 2013 88<br>AQ 3013-2008) 5.2.1.2 |
| 4 | 1 “ ”<br>HAZOP<br>2<br>3<br>4                 | 2013 88<br>T/CCSAS 001-2018      |
| 5 | 1<br>2<br>2<br>3<br>3<br>9<br>4               |                                  |
| 6 |                                               |                                  |
| 7 |                                               | 2016 11                          |
| 8 |                                               |                                  |
| 9 |                                               | 2013 88                          |

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| 10 | “<br>HAZOP<br>HAZOP | 3<br>2013 88 |

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| 6   |                      | 2013 88        |
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| 1   | 1.                   | 2013 88        |
|     | 2.                   |                |
| 2   | 1. GB 30871<br>2.    | GB 30871-2014) |
| 3   |                      | 2013 88        |
| 4   | 1.<br>2.<br>3.<br>4. | GB 30871-2014) |
| 5   |                      | 2013 88        |
| 6   |                      | « 2017 » 15    |
| ( ) |                      |                |
| 1   |                      | 2013 88        |
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| 4   | 1.<br>2.<br>3.       | 2013 88        |
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| 6   |                | 2013 88 |
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| 1   | 1.<br>2.<br>3. | 2013 88 |
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| 5   |                | 2013 88 |
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| 1   | “ ”                                    | 2013                                   |
| 2   |                                        | 2012                                   |
| 3   | 37243<br>GB 36894                      | 76<br>GB/T 37243-2019<br>GB 36894-2018 |
| 4   | GB/T 37243                             | GB 18265-2019 4.1.4                    |
| 5   | HAZOP                                  | 2013<br>T/CCSAS 001-2018               |
| 6   | 1.<br>SIL<br>2.<br>GB/T 21109 GB 50770 | 76<br>2013                             |
| 7   | 1.<br>2.                               | 2017 1<br><<br>><br>2010 186           |
| 8   | 1.<br>2.                               | 45                                     |
| ( ) |                                        |                                        |
| 1   |                                        | GB/T 37243-2019                        |
| 2   | GB 50489                               | 50489-2009<br>GB                       |

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|    |                                         |                                                                |
| 3  | GB 50160                                | GB 50160-2008 4.1.9 2018                                       |
| 4  | GB 50160                                | GB 50160-2008 4.1.10 2018                                      |
| 5  | 330kV 1000kV<br>100m<br>50000m3<br>120m | GB 50160-2008 4.1.9 2018                                       |
| 6  |                                         | GB 50160-2008 2018 GB<br>50016-2014 GB 50074-2014              |
| 7  | 50160 GB                                | GB 50160-2008 5.2.16 5.2.17 5.2.18 2018<br>50779-2012 4.1.4 GB |
| 8  | GB 50160                                | GB 50160-2008 4.2.12 2018                                      |
| 9  |                                         | GB 50160-2008 4.4.6 2018                                       |
| 10 | GB 50160                                | GB 50160-2008 5.2.9 2018                                       |
| 11 | ( )<br>GB 50160                         | GB 50160-2008 5.4.3 2018                                       |
| 12 | 10kV<br>GB 50058                        | 50016-2014 3.3.8 2018 GB                                       |
| 13 | 1.<br>2.<br>3.                          | SH/T 3106-2009 3.1                                             |
| 14 | SH/T 3106                               | SH/T 3106-2009 3.3                                             |
| 15 | GB 50016<br>GB 50016                    | 50016-2014 3.4.1 3.5.1 2018 GB                                 |
| 16 | (                                       | 2017 121                                                       |
| 17 |                                         | GB 50160-2008 4.1.8 2018                                       |
| 18 |                                         | GB 50160-2008 4.1.6 2018                                       |

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| 1  |     | 2013 88 |
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|   |                                                                       | 87<br>2009 116<br>2013 3                                           |
| 2 | 1.<br>2.                                                              | 87<br>2012<br>2009 116<br>2013 3                                   |
| 3 | HAZOP                                                                 | 2009 116<br>2013 3<br>HAZOP )<br>AQ/T3049-2013<br>T/CCSAS 001-2018 |
| 4 | 1. 0.1MPa<br>2. 0.03MPa<br>3.<br>4.<br>5.<br>6. 0.03~0.1MPa<br>7. B A | 2018<br>GB 50160-2008 5.5.1<br>50183-2004) 6.8.1<br>(GB            |
| 5 |                                                                       | 2018<br>GB 50160-2008 5.5.13                                       |
| 6 | 1.<br>2.                                                              | 2018<br>GB 50160-2008 5.5.5 5.5.12                                 |

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| 7 | 1.<br>2.             | 2018<br>GB 50160-2008 5.5.9                       |
| 8 | 1.<br>2.<br>3.<br>4. | 2018<br>GB 50160-2008 5.5.4 5.5.7 5.5.8<br>5.5.10 |
| 9 | GB 50160 GB 50183    | 2018<br>(GB 50183-2004) 6.8.8                     |

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| 1   |                | SH<br>3012-2011 8.2.4 8.2.5<br>2018<br>GB 50160-2008 5.5.11 |
| 2   | 1.<br>2.       | 2014 68<br>2018<br>GB 50160-2008 5.5.14                     |
| 3   |                | 2018<br>GB 50160-2008 5.5.17                                |
| 4   |                | 2018<br>GB 50160-2008 5.5.15                                |
| 5   | 1.<br>2.       | SH<br>3012-2011 7.2.3 7.2.4                                 |
| 6   |                | 2018<br>GB 50160-2008 5.3.1                                 |
| 7   |                | 2015 113                                                    |
| ( ) |                |                                                             |
| 1   |                | 2013 88                                                     |
| 2   |                | 2013 88                                                     |
| 3   | 1.<br>2.<br>3. | 2013 88                                                     |
| 4   |                | 2013 88                                                     |
| 5   |                | 2013 88                                                     |

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| 6   |                                                                    |                                                            |
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| 1   | GB50183 GB 50160 GB50074<br>1.<br>2.<br>3.<br>4.<br>5.<br>6.<br>7. | 2018<br>GB 50160-2008<br>GB 50074-2014<br>GB<br>50183-2004 |
| 2   | 1.<br>2.<br>3.                                                     | 2018<br>GB 50160-2008 6.2.5<br>GB<br>50351-2014 3.2.1      |
| 3   | GB 50160                                                           | 2018<br>GB 50160-2008 5.3.5                                |
| 4   |                                                                    | 40                                                         |
| 5   |                                                                    | 2015 113                                                   |
| 6   |                                                                    | 2014 68                                                    |
| 7   | GB50351<br>1.<br>2. ,<br>3.                                        | GB 50351<br>-2014                                          |
| 8   |                                                                    | 2018<br>GB 50160-2008 6.3.12                               |
| 9   | 95                                                                 | GB 16912-2008 6.7.10                                       |
| 10  |                                                                    | GB 16912-2008 6.7.4                                        |
| 11  |                                                                    |                                                            |
| 12  | “ ”                                                                |                                                            |
| 13  |                                                                    | “6·5”<br>2017 19                                           |

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|       |                                            |                                                             |
| 14    |                                            |                                                             |
| 15    | B            A                             | 2018<br>GB 50160-2008      6.4.2                            |
| 16    |                                            | « 2017 » 15                                                 |
| 17    | B        A<br>8m                           | 2018<br>GB 50160-2008      6.4.2                            |
| (   ) |                                            |                                                             |
| 1     | 1.<br><br>2.<br><br>3.                     | 591                                                         |
| 2     | 5t                                         | 2018<br>GB 50160-2008      6.6.1                            |
| 3     |                                            | 2018                    GB<br>50016-2014      3.3.9         |
| 4     |                                            | 2018                    GB<br>50016-2014      3.6.12        |
| 5     | 1.<br><br>2.<br><br>3.<br><br>4.<br><br>5. | GB 18265-2019      4.2.7   4.2.8<br>4.2.9   4.2.10   4.2.11 |
| 6     | GB 17914                                   | GB 17914-2013      4.5                                      |
| 7     | 1.<br><br>2.                               | 591                                                         |

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| 9   |  | 2017 121 |
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| 1   |  | 2010<br>186 |
| 2   |  | 2013 88     |
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| 6 | H <sub>2</sub> S |                 |
| 7 |                  | 94<br>3012-2011 |

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| 7   |                   | 20571-2014 5.6.2 HG                          |
| ( ) |                   |                                              |
| 1   |                   |                                              |
| 2   |                   | AQ3013-2008 5.5.2.5                          |
| 3   |                   | ZF001-2006 B4.2 4 TSG                        |
| 4   |                   | (TSG 21-2016) 9.1.3<br>ZF001-2006 B4.2 4 TSG |
| 5   |                   | (TSG 21-2016) 9.2.1                          |
| 6   | 1. 0℃<br>2.<br>3. | (TSG 21-2016) 9.2.2                          |
|     |                   |                                              |
| 1   |                   | AQ/T 3034-2010 4.7.3                         |
| 2   |                   | 33000-2016 5.4.1.6 GB/T                      |

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| 1   |                            | 2013 88                                                                         |
| 2   |                            | 2013 88                                                                         |
| 3   | 1.<br>2.                   | GB 50093-2013 12.1.1 12.5.2                                                     |
| 4   |                            | 2013 88                                                                         |
| 5   | 1.<br>2.<br>3.             | (DCS) 2 GB/T<br>33009.2-2016 5.11.2 5.9.2                                       |
| 6   | 1.<br>2.<br>3.<br>4.<br>5. | (DCS) 2 GB/T<br>33009.2-2016                                                    |
| ( ) |                            |                                                                                 |
| 1   |                            | 2013<br>76                                                                      |
| 2   | “ ”                        | 2014 116                                                                        |
| 3   |                            |                                                                                 |
| ( ) |                            |                                                                                 |
| 1   | 30min                      | HG/T 20509-2014<br>7.1.3                                                        |
| 2   | 1.<br>2.                   | HG/T 20510-2014<br>3.0.1 3.0.2 3.0.3 4.4.1 4.4.2<br>SH<br>3020-2013 3.0.1 4.3.1 |
| 3   | DCS PLC SIS                | HG/T<br>20513-2014 5.3.1<br>SH/T                                                |

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|     |               |                                                                          |
|     |               | 3081-2003 2.4.1                                                          |
| 4   |               | GB<br>50058-2014 5.2.3<br>SH/T 3005-2016 4.9                             |
| 5   |               | GB<br>50058-2014 5.4.3<br>GB 50093-2013 7.4.8<br>SH/T<br>3019-2003 8.4.6 |
| 6   | 30            | 40                                                                       |
| 7   | 1.<br>2.<br>3 | AQ 3036-2010 10.1                                                        |
| 8   |               | HG/T<br>20511-2014 4.11.4                                                |
| 9   |               | (SH/T<br>3007-2014 ) 5.4.5                                               |
| ( ) |               |                                                                          |
| 1   | GB 50493      | GB 50493-2009                                                            |
| 2   |               | 2014 116                                                                 |
| 3   | 1.<br>2.      |                                                                          |
| 4   |               | GB 50493-2009 3.0.4<br>2014<br>94                                        |
| 5   |               |                                                                          |

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| 1 |                           | 2013 88                    |
| 2 |                           | GB<br>30871-2014)          |
|   |                           |                            |
| 1 | 1.<br>2.<br>3.<br><br>6kV | 3.0.1<br><br>GB 50052-2009 |
| 2 | GB 50058                  | GB<br>50058-2014 5.2.3     |

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|   | 1.<br>2.<br>3.                   |                          |
| 5 | 1. 100m<br>2. 100mm 20m<br>100mm | SHT3097-2017 5.3.2 5.3.3 |
| 6 |                                  | 20571-2014 4.2.10 HG     |
| 7 | 1.5                              | 3097-2017 5.2.2 SHT      |
| 8 | 0.03Ω                            | GB50235-2010 7.13.1      |
|   |                                  |                          |
| 1 |                                  |                          |
| 2 | TN-S                             |                          |
| 3 | 4.5 2.5                          |                          |
| 4 | 1.<br>2.<br>3.                   | 50194-2014 7.4.2 GB      |

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| 1   | GB/T 29639  | ( 2 )                             |
| 2   |             | (AQ 3013-2008)                    |
| 3   | 24          | 708                               |
| 4   | 1.<br>2.    | 708<br>( 88 )                     |
| 5   | 1. 20<br>2. | 708<br>( 88 )                     |
| 6   |             | ( 88 )                            |
| 7   |             | 708<br>( 88 )                     |
| 8   |             | ( 88 )                            |
| 9   |             | 708                               |
| ( ) |             |                                   |
| 1   |             | GB 30077-2013 9.1                 |
| 2   |             | GB 30077-2013 9.1 9.3             |
| 3   |             | GB 30077-2013 9.1 9.3             |
| 4   |             | GB 30077-2013 9.3<br>JJG 693-2011 |

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|     |                                            | 5.5                                             |
| 5   |                                            | 2018<br>GB 50160-2008 8.12.1                    |
| 6   |                                            | 2018 GB<br>50016-2014 10.3.3                    |
| 7   | 3h                                         | 2018<br>GB 50160-2008 9.1.2                     |
| ( ) |                                            |                                                 |
| 1   |                                            | 2018<br>GB 50160-2008 4.3.4                     |
| 2   |                                            | 2018<br>GB 50160-2008 4.3.4<br>GB50489<br>-2009 |
| 3   | 0.7~1.2MPa                                 | 2018<br>GB 50160-2008 8.5.1                     |
| 4   |                                            | 2018<br>GB 50160-2008 8.3.6                     |
| 5   | , 100%<br>6h                               | 2018<br>GB 50160-2008 8.3.8                     |
| 6   | 1.<br>2.<br>3.                             | GB<br>50974-2014 13.2.13                        |
| 7   | 1.<br>2.                                   | GB<br>30077-2013 9.3<br>50444-2008 5.2.3        |
| 8   | 1.<br>2.                                   | GB<br>50151-2010                                |
| 9   | 10000m <sup>3</sup> 17m 2000m <sup>3</sup> | 2018<br>GB 50160-2008 8.4.5                     |
| 10  | 1. 1000m <sup>3</sup>                      | 2018<br>GB 50160-2008 8.10.2                    |

|    |                                                            |                                                                           |
|----|------------------------------------------------------------|---------------------------------------------------------------------------|
|    |                                                            |                                                                           |
|    | 2.                    100m <sup>3</sup> 1000m <sup>3</sup> |                                                                           |
|    | 3.                    100m <sup>3</sup>                    |                                                                           |
| 11 | 15m<br><br><br>15m                                         | GB 50160-2008                    2018<br>8.10.10                    8.4.5 |

|     |                |                                  |
|-----|----------------|----------------------------------|
|     |                |                                  |
| ( ) |                |                                  |
| 1   | 0.9            | GB 50160-2008 6.3.9 2018         |
| 2   |                | GB 50160-2008 6.3.11 2018        |
| 3   |                | GB 50160-2008 6.4.3 2018         |
| 4   |                | GB 50160-2008 6.5.5 2018         |
| 5   |                | GB 50160-2008 7.2.18 2018        |
| 6   |                | SH/T 3007-2014 6.4.1             |
| 7   | LNG            | LNG)<br>GB/T 20368-2012 5.2.2.3  |
| 8   | 2              | LNG)<br>GB/T 20368-2012 10.1.1.1 |
| 9   | ( ) ( )        | SH 3136-2003 4.4.4               |
| 10  |                | SH 3136-2003 5.1                 |
| 11  |                | SH 3136-2003 5.3.1               |
| 12  | 2.5MPa         | SH 3136-2003 6                   |
| 13  | C4 C4          | SH 3136-2003 7.4                 |
| 14  | 1.<br>2.<br>3. | SH 3136-2003 8.5                 |
| 15  |                | GB 50160-2008 6.3.14 2018        |
| 16  |                | 2011<br>142                      |
| 17  |                |                                  |

|     |                                                                |                                 |
|-----|----------------------------------------------------------------|---------------------------------|
|     |                                                                |                                 |
| ( ) |                                                                |                                 |
| 1   | 0.9                                                            | 2018<br>GB 50160-2008 6.3.9     |
| 2   |                                                                | 2018<br>GB 50160-2008 6.5.5     |
| 3   |                                                                | (2018 )<br>GB 50160-2008 5.5.10 |
| 4   | 100m <sup>3</sup>                                              | AQ/T 3017-2008 5.5.4.6          |
| 5   |                                                                | AQ/T 3017-2008 5.5.4.6          |
| 6   |                                                                | 2011<br>142                     |
| 7   |                                                                | 2018<br>GB 50160-2008 7.2.18    |
| ( ) |                                                                |                                 |
| 1   |                                                                | 2010 070                        |
| 2   |                                                                | 2012<br>012                     |
| 3   |                                                                | GBZ/T 275-2016<br>6.1.5         |
| 4   |                                                                | GB 11948-2008 3.11D             |
| 5   | 80%                                                            | GB 11948-2008 4.4               |
| 6   | (NCl <sub>3</sub> )<br>NCl <sub>3</sub> 60g/L NCl <sub>3</sub> | GB 11948-2008 4.6               |
| 7   | 1000kg                                                         | 2010 070                        |
| 8   | 71℃ 75 85℃<br>121℃                                             | 2010 070                        |
| 9   |                                                                | 2010 070                        |

|    |                            |                              |
|----|----------------------------|------------------------------|
|    |                            |                              |
| 10 |                            | 2010 070                     |
| 11 |                            | GB 11948-2008 7.2.2          |
| 12 | 0.3~0.5m<br>0.3~0.5m       | GB 11948-2008 7.2.4          |
| 13 |                            | 2010 070                     |
| 14 |                            | 20507-2014 7.2.2 HG/T        |
| 15 |                            | 2011<br>142                  |
| 16 | 50kg 100kg<br>500kg 1000kg | GB 11948-2008 6.1.3          |
| 17 |                            | GB 11948-2008 6.1.4          |
| 18 |                            | 2018<br>GB 50160-2008 6.5.5  |
| 19 |                            | 2010 070                     |
| 20 | 24                         | 2010 070                     |
| 21 |                            | 275-2016 6.2.2.1 GBZ/T       |
| 22 |                            | 2010 070                     |
| 23 |                            | 30                           |
| 24 | (                          | 2017 121                     |
| 25 |                            | 2018<br>GB 50160-2008 7.2.18 |

|     |                                         |                                  |
|-----|-----------------------------------------|----------------------------------|
|     |                                         |                                  |
| ( ) |                                         |                                  |
| 1   | GB/T 37243<br>GB 36894                  | GB/T 37243-2019<br>GB 36894-2018 |
| 2   |                                         | 2011 142                         |
| 3   | 1.<br>2.<br>3.<br>4.                    |                                  |
| 4   | 1000m <sup>3</sup> 200m <sup>3</sup>    |                                  |
| 5   | SUS304                                  |                                  |
| 6   |                                         |                                  |
| 7   |                                         | 2011 142                         |
| 8   |                                         |                                  |
| 9   |                                         | 2018<br>GB 50160-2008 6.6.5      |
| 10  |                                         |                                  |
| ( ) |                                         |                                  |
| 1   | (                                       | 2017 121                         |
| 2   | 19041 GB                                | 19041-2003 4.2.1 GB              |
| 3   | 100m                                    | 19041-2003 4.2.3 GB              |
| 4   | 50mg/m <sup>3</sup> 50mg/m <sup>3</sup> | 19041-2003 5.1.1 GB              |
| 5   |                                         | 19041-2003 6.2 GB                |
| 6   |                                         | 19041-2003 7.2 GB                |
| 7   | 30s                                     | 19041-2003 10.1 GB               |
| 8   | SIS                                     |                                  |

|     |                |                     |
|-----|----------------|---------------------|
|     |                |                     |
| 9   |                | 19041-2003 11.3 GB  |
| 10  |                | 19041-2003 11.4 GB  |
| 11  |                | 2014 104 6.6.1.1    |
| ( ) |                |                     |
| 1   |                |                     |
| 2   |                |                     |
| 3   |                |                     |
| 4   |                |                     |
| 5   |                | GB 14544-2008 6.5.4 |
| 6   | 3 DCS          |                     |
| 7   |                | GB 14544-2008 6.5.4 |
| 8   | 20%-75%<br>60% |                     |
| 9   |                |                     |
| 10  |                |                     |
| 11  |                |                     |
| 12  |                |                     |
| 13  |                | 2011 142            |

|     |     |          |
|-----|-----|----------|
|     |     |          |
| 14  |     | 2011 142 |
| ( ) |     |          |
| 1   | DCS |          |
| 2   |     |          |
| 3   |     |          |
| 4   |     |          |
| 5   |     |          |
| 6   |     |          |
| 7   |     |          |
| 8   |     |          |