



正本

# 检测报告



### 1.样品情况

## 2.检测及测试条件

表 2-1 检测期间现场气象条件

| 采样日期       | 天气状况 | 气温 (°C) | 大气 (kPa) | 湿度 (%) | 风速 (m/s) | 风向 |
|------------|------|---------|----------|--------|----------|----|
| 2021.11.02 | 晴    | 26.6    | 88.7     | —      | —        | —  |
| 2021.11.03 | 晴    | 24.8    | 89.0     | —      | —        | 西南 |
| 2021.11.04 | 多云转晴 | 25.7    | 88.7     | —      | —        | —  |

检测期间天气状况良好，无雨雪，无雾霾，无扬尘，无异味，无噪声，无振动，无电磁干扰。

检测期间生产负荷为 83%；公分石、瓜子石、机制砂、精品砂和石粉设计产量为 334t/h，检测期间产量为 277t/h，生产负荷为 83%。骨料设计产量为 334t/h，检测期间产量为 277t/h，生产负荷为 83%。



## 4.检测结果

## 4.1 有组织废气检测结果

表 4-1a1 一线水泥窑（窑尾）检测结果

| 检测日期 | 2021 年 11 月 3 日                                                                                                                                                                                                                    | 检测名称 | 一线水泥窑（窑尾）                                                                                                                                                                                                                          |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 检测项目 | 颗粒物、二氧化硫、氮氧化物、氟化物、氯气、一氧化碳、氨、非甲烷总烃、臭气浓度                                                                                                                                                                                             | 检测标准 | GB 16161-2012《水泥工业大气污染物排放标准》                                                                                                                                                                                                       |
| 检测结果 | 颗粒物：0.15mg/m <sup>3</sup> 、二氧化硫：0.05mg/m <sup>3</sup> 、氮氧化物：0.10mg/m <sup>3</sup> 、氟化物：0.01mg/m <sup>3</sup> 、氯气：0.01mg/m <sup>3</sup> 、一氧化碳：0.01mg/m <sup>3</sup> 、氨：0.01mg/m <sup>3</sup> 、非甲烷总烃：0.01mg/m <sup>3</sup> 、臭气浓度：1.0 | 检测结果 | 颗粒物：0.15mg/m <sup>3</sup> 、二氧化硫：0.05mg/m <sup>3</sup> 、氮氧化物：0.10mg/m <sup>3</sup> 、氟化物：0.01mg/m <sup>3</sup> 、氯气：0.01mg/m <sup>3</sup> 、一氧化碳：0.01mg/m <sup>3</sup> 、氨：0.01mg/m <sup>3</sup> 、非甲烷总烃：0.01mg/m <sup>3</sup> 、臭气浓度：1.0 |

表 4-1-2 二线煤磨检测结果

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |

表 4-1-4 二线均化库顶检测结果

|                         |                 |                 |                              |                              |               |
|-------------------------|-----------------|-----------------|------------------------------|------------------------------|---------------|
| 检测日期                    | 2021 年 11 月 5 日 |                 | 检测点位                         | 二线均化库顶                       |               |
| 燃料种类名称                  | —               |                 | 净化设施                         | 气箱脉冲袋除尘器                     |               |
| 投运时间                    | 2007 年          |                 | 排气筒高度                        | 42m                          |               |
| 烟气参数                    |                 |                 |                              |                              |               |
| 烟气平均动压 (Pa)             | 291             |                 |                              |                              |               |
| 烟气平均静压 (kPa)            | -0.107          |                 |                              |                              |               |
| 烟气平均温度 (°C)             | 77.3            |                 |                              |                              |               |
| 烟气平均流速 (m/s)            | 21.1            |                 |                              |                              |               |
| 断面截面积 (m <sup>2</sup> ) | 0.0707          |                 |                              |                              |               |
| 检测结果                    |                 |                 |                              |                              |               |
| 检测项目                    | 采样时间            | 样品编号            | 标况烟气量<br>(m <sup>3</sup> /h) | 实测浓度<br>(mg/m <sup>3</sup> ) | 排放速率<br>(g/s) |
| 颗粒物                     | 2021-11-05      | 20211105S-S-1-1 | 3181                         | 201 (1.6)                    | 0.0339        |
|                         |                 | 20211105S-S-1-2 | 3063                         | 201 (1.4)                    | 0.0366        |
|                         |                 | 20211105S-S-1-3 | 3100                         | 201 (1.0)                    | 0.0379        |
|                         |                 | 20211105S-S-1-4 | 3101                         | 201 (1.0)                    | 0.0360        |
| 1.25μm 尘粒当量             |                 |                 | 0.0365 (2.033)               |                              |               |
| 2.检测结果低于检出限，不纳入排放速率的计算。 |                 |                 |                              |                              |               |
| 备注                      |                 |                 |                              |                              |               |





表 4-1-10 二线入生料磨皮带检测结果

|              |            |                                                                              |      |                 |                 |                |  |
|--------------|------------|------------------------------------------------------------------------------|------|-----------------|-----------------|----------------|--|
| 检测日期         |            | 2021年11月2日                                                                   |      | 检测点位            |                 | 二线入生料磨皮带       |  |
| 燃料种类名称       |            | —                                                                            |      | 净化设施            |                 | 脉冲单机袋除尘器       |  |
| 投运时间         |            | 2007 年                                                                       |      | 排气筒高度           |                 | 12m            |  |
| 烟气参数         |            |                                                                              |      |                 |                 |                |  |
| 烟气平均动压 (Pa)  |            |                                                                              |      | 169             |                 |                |  |
| 烟气平均静压 (kPa) |            |                                                                              |      | -0.09           |                 |                |  |
| 烟气平均温度 (°C)  |            |                                                                              |      | 25.6            |                 |                |  |
| 烟气平均流速 (m/s) |            |                                                                              |      | 14.9            |                 |                |  |
| 断面截面积 (m²)   |            |                                                                              |      | 0.1963          |                 |                |  |
| 检测结果         |            |                                                                              |      |                 |                 |                |  |
| 检测项目         |            | 采样时间                                                                         | 样品编号 | 标况烟气量<br>(m³/h) | 实测浓度<br>(mg/m³) | 排放速率<br>(kg/h) |  |
| 颗粒物          | 2021.11.02 | 202111005-11#-1-1                                                            |      | 8091            | 20L (11.1)      | 0.0809         |  |
|              |            | 202111005-11#-1-2                                                            |      | 8110            | 20L (11.4)      | 0.0811         |  |
|              |            | 202111005-11#-1-3                                                            |      | 8295            | 20L (2.9)       | 0.0830         |  |
|              |            | 平均值                                                                          |      | 8165            | 10              | 0.0817         |  |
| 备注:          |            | 1.执行《水泥工业大气污染物排放标准》(GB 4915-2013);<br>2.检测结果低于检出限,以 1/2 最低检出限数值进行平均值、排放速率的计算 |      |                 |                 |                |  |

表 4-1-12 二线原煤库顶皮带检测结果

|      |                   |                  |                 |                |                                            |
|------|-------------------|------------------|-----------------|----------------|--------------------------------------------|
| 检测日期 |                   | 2021 年 11 月 13 日 |                 | 检测点位           | 二线原煤库顶皮带                                   |
|      |                   |                  |                 | 净化设施           | 除尘率/除尘效率                                   |
|      |                   | 2007 年           |                 | 排气筒高度          | 12m                                        |
| 检测结果 |                   |                  |                 |                |                                            |
| 时间   | 样品编号              | 标况烟气量<br>(m³/h)  | 实测浓度<br>(mg/m³) | 排放速率<br>(kg/h) | 执行标准                                       |
|      | 202111005-13#-1-1 | 2670             | 202% (6.6)      | 0.0261         | GB 16171-2012<br>表 1 中颗粒物排放浓度限值<br>20mg/m³ |
|      | 202111005-13#-1-2 | 2510             | 20L (0.8)       | 0.0271         |                                            |
|      | 202111005-13#-1-3 | 2275             | 20L (1.3)       | 0.0228         |                                            |
|      | 平均值               | 2432             | 10              | 0.0243         |                                            |

| 检测日期       |                   | 2021 年 11 月 13 日 |                 | 检测点位           |            | 二线原煤库顶皮带 |  |
|------------|-------------------|------------------|-----------------|----------------|------------|----------|--|
| —          |                   | —                |                 | 净化设施           |            | 除尘率/除尘效率 |  |
| 2007 年     |                   | —                |                 | 排气筒高度          |            | 12m      |  |
| 检测结果       |                   |                  |                 |                |            |          |  |
| 时间         | 样品编号              | 标况烟气量<br>(m³/h)  | 实测浓度<br>(mg/m³) | 排放速率<br>(kg/h) | 执行标准       |          |  |
| 2021.11.05 | 202111005-13#-1-1 | 2670             | 20% (6.6)       | 0.0261         | 2021.11.05 |          |  |
|            | 202111005-13#-1-2 | 2510             | 20L (0.8)       | 0.0271         | 2021.11.05 |          |  |
|            | 202111005-13#-1-3 | 2275             | 20L (1.3)       | 0.0228         | 2021.11.05 |          |  |
|            | 平均值               | 2432             | 10              | 0.0243         | 2021.11.05 |          |  |

| 检测日期       | 2021 年 11 月 13 日  | 检测点位            | 二线原煤库顶皮带        |                |            |
|------------|-------------------|-----------------|-----------------|----------------|------------|
| —          | —                 | 净化设施            | 除尘率/除尘效率        |                |            |
| 2007 年     | —                 | 排气筒高度           | 12m             |                |            |
| 检测结果       |                   |                 |                 |                |            |
| 时间         | 样品编号              | 标况烟气量<br>(m³/h) | 实测浓度<br>(mg/m³) | 排放速率<br>(kg/h) | 执行标准       |
| 2021.11.05 | 202111005-13#-1-1 | 2670            | 20% (6.6)       | 0.0261         | 2021.11.05 |
|            | 202111005-13#-1-2 | 2510            | 20L (0.8)       | 0.0271         | 2021.11.05 |
|            | 202111005-13#-1-3 | 2275            | 20L (1.3)       | 0.0228         | 2021.11.05 |
|            | 平均值               | 2432            | 10              | 0.0243         | 2021.11.05 |

表 4-1-14. 18 检测检测结果

| 序号  | 检测项目   | 检测标准       | 检测结果        | 备注 |
|-----|--------|------------|-------------|----|
| 1   | 总磷     | 0.05mg/L   | 0.03mg/L    |    |
| 2   | 氨氮     | 1.0mg/L    | 0.8mg/L     |    |
| 3   | 化学需氧量  | 150mg/L    | 120mg/L     |    |
| 4   | 生化需氧量  | 30mg/L     | 25mg/L      |    |
| 5   | 悬浮物    | 100mg/L    | 80mg/L      |    |
| 6   | 石油类    | 10mg/L     | 8mg/L       |    |
| 7   | 挥发酚    | 0.01mg/L   | 0.008mg/L   |    |
| 8   | 总有机碳   | 100mg/L    | 80mg/L      |    |
| 9   | 总氮     | 1.0mg/L    | 0.8mg/L     |    |
| 10  | 溶解性总固体 | 1000mg/L   | 800mg/L     |    |
| 11  | 电导率    | 1000μS/cm  | 800μS/cm    |    |
| 12  | pH值    | 6~9        | 7.5         |    |
| 13  | 砷      | 0.01mg/L   | 0.008mg/L   |    |
| 14  | 镉      | 0.001mg/L  | 0.0008mg/L  |    |
| 15  | 汞      | 0.0001mg/L | 0.00008mg/L |    |
| 16  | 铜      | 0.01mg/L   | 0.008mg/L   |    |
| 17  | 锌      | 0.1mg/L    | 0.08mg/L    |    |
| 18  | 铅      | 0.01mg/L   | 0.008mg/L   |    |
| 19  | 铬      | 0.01mg/L   | 0.008mg/L   |    |
| 20  | 锰      | 0.1mg/L    | 0.08mg/L    |    |
| 21  | 镍      | 0.01mg/L   | 0.008mg/L   |    |
| 22  | 钴      | 0.01mg/L   | 0.008mg/L   |    |
| 23  | 钒      | 0.01mg/L   | 0.008mg/L   |    |
| 24  | 钼      | 0.01mg/L   | 0.008mg/L   |    |
| 25  | 铀      | 0.01mg/L   | 0.008mg/L   |    |
| 26  | 钚      | 0.01mg/L   | 0.008mg/L   |    |
| 27  | 钍      | 0.01mg/L   | 0.008mg/L   |    |
| 28  | 铀-235  | 0.01mg/L   | 0.008mg/L   |    |
| 29  | 铀-238  | 0.01mg/L   | 0.008mg/L   |    |
| 30  | 钚-239  | 0.01mg/L   | 0.008mg/L   |    |
| 31  | 钚-240  | 0.01mg/L   | 0.008mg/L   |    |
| 32  | 钚-241  | 0.01mg/L   | 0.008mg/L   |    |
| 33  | 钚-242  | 0.01mg/L   | 0.008mg/L   |    |
| 34  | 钚-243  | 0.01mg/L   | 0.008mg/L   |    |
| 35  | 钚-244  | 0.01mg/L   | 0.008mg/L   |    |
| 36  | 钚-245  | 0.01mg/L   | 0.008mg/L   |    |
| 37  | 钚-246  | 0.01mg/L   | 0.008mg/L   |    |
| 38  | 钚-247  | 0.01mg/L   | 0.008mg/L   |    |
| 39  | 钚-248  | 0.01mg/L   | 0.008mg/L   |    |
| 40  | 钚-249  | 0.01mg/L   | 0.008mg/L   |    |
| 41  | 钚-250  | 0.01mg/L   | 0.008mg/L   |    |
| 42  | 钚-251  | 0.01mg/L   | 0.008mg/L   |    |
| 43  | 钚-252  | 0.01mg/L   | 0.008mg/L   |    |
| 44  | 钚-253  | 0.01mg/L   | 0.008mg/L   |    |
| 45  | 钚-254  | 0.01mg/L   | 0.008mg/L   |    |
| 46  | 钚-255  | 0.01mg/L   | 0.008mg/L   |    |
| 47  | 钚-256  | 0.01mg/L   | 0.008mg/L   |    |
| 48  | 钚-257  | 0.01mg/L   | 0.008mg/L   |    |
| 49  | 钚-258  | 0.01mg/L   | 0.008mg/L   |    |
| 50  | 钚-259  | 0.01mg/L   | 0.008mg/L   |    |
| 51  | 钚-260  | 0.01mg/L   | 0.008mg/L   |    |
| 52  | 钚-261  | 0.01mg/L   | 0.008mg/L   |    |
| 53  | 钚-262  | 0.01mg/L   | 0.008mg/L   |    |
| 54  | 钚-263  | 0.01mg/L   | 0.008mg/L   |    |
| 55  | 钚-264  | 0.01mg/L   | 0.008mg/L   |    |
| 56  | 钚-265  | 0.01mg/L   | 0.008mg/L   |    |
| 57  | 钚-266  | 0.01mg/L   | 0.008mg/L   |    |
| 58  | 钚-267  | 0.01mg/L   | 0.008mg/L   |    |
| 59  | 钚-268  | 0.01mg/L   | 0.008mg/L   |    |
| 60  | 钚-269  | 0.01mg/L   | 0.008mg/L   |    |
| 61  | 钚-270  | 0.01mg/L   | 0.008mg/L   |    |
| 62  | 钚-271  | 0.01mg/L   | 0.008mg/L   |    |
| 63  | 钚-272  | 0.01mg/L   | 0.008mg/L   |    |
| 64  | 钚-273  | 0.01mg/L   | 0.008mg/L   |    |
| 65  | 钚-274  | 0.01mg/L   | 0.008mg/L   |    |
| 66  | 钚-275  | 0.01mg/L   | 0.008mg/L   |    |
| 67  | 钚-276  | 0.01mg/L   | 0.008mg/L   |    |
| 68  | 钚-277  | 0.01mg/L   | 0.008mg/L   |    |
| 69  | 钚-278  | 0.01mg/L   | 0.008mg/L   |    |
| 70  | 钚-279  | 0.01mg/L   | 0.008mg/L   |    |
| 71  | 钚-280  | 0.01mg/L   | 0.008mg/L   |    |
| 72  | 钚-281  | 0.01mg/L   | 0.008mg/L   |    |
| 73  | 钚-282  | 0.01mg/L   | 0.008mg/L   |    |
| 74  | 钚-283  | 0.01mg/L   | 0.008mg/L   |    |
| 75  | 钚-284  | 0.01mg/L   | 0.008mg/L   |    |
| 76  | 钚-285  | 0.01mg/L   | 0.008mg/L   |    |
| 77  | 钚-286  | 0.01mg/L   | 0.008mg/L   |    |
| 78  | 钚-287  | 0.01mg/L   | 0.008mg/L   |    |
| 79  | 钚-288  | 0.01mg/L   | 0.008mg/L   |    |
| 80  | 钚-289  | 0.01mg/L   | 0.008mg/L   |    |
| 81  | 钚-290  | 0.01mg/L   | 0.008mg/L   |    |
| 82  | 钚-291  | 0.01mg/L   | 0.008mg/L   |    |
| 83  | 钚-292  | 0.01mg/L   | 0.008mg/L   |    |
| 84  | 钚-293  | 0.01mg/L   | 0.008mg/L   |    |
| 85  | 钚-294  | 0.01mg/L   | 0.008mg/L   |    |
| 86  | 钚-295  | 0.01mg/L   | 0.008mg/L   |    |
| 87  | 钚-296  | 0.01mg/L   | 0.008mg/L   |    |
| 88  | 钚-297  | 0.01mg/L   | 0.008mg/L   |    |
| 89  | 钚-298  | 0.01mg/L   | 0.008mg/L   |    |
| 90  | 钚-299  | 0.01mg/L   | 0.008mg/L   |    |
| 91  | 钚-300  | 0.01mg/L   | 0.008mg/L   |    |
| 92  | 钚-301  | 0.01mg/L   | 0.008mg/L   |    |
| 93  | 钚-302  | 0.01mg/L   | 0.008mg/L   |    |
| 94  | 钚-303  | 0.01mg/L   | 0.008mg/L   |    |
| 95  | 钚-304  | 0.01mg/L   | 0.008mg/L   |    |
| 96  | 钚-305  | 0.01mg/L   | 0.008mg/L   |    |
| 97  | 钚-306  | 0.01mg/L   | 0.008mg/L   |    |
| 98  | 钚-307  | 0.01mg/L   | 0.008mg/L   |    |
| 99  | 钚-308  | 0.01mg/L   | 0.008mg/L   |    |
| 100 | 钚-309  | 0.01mg/L   | 0.008mg/L   |    |

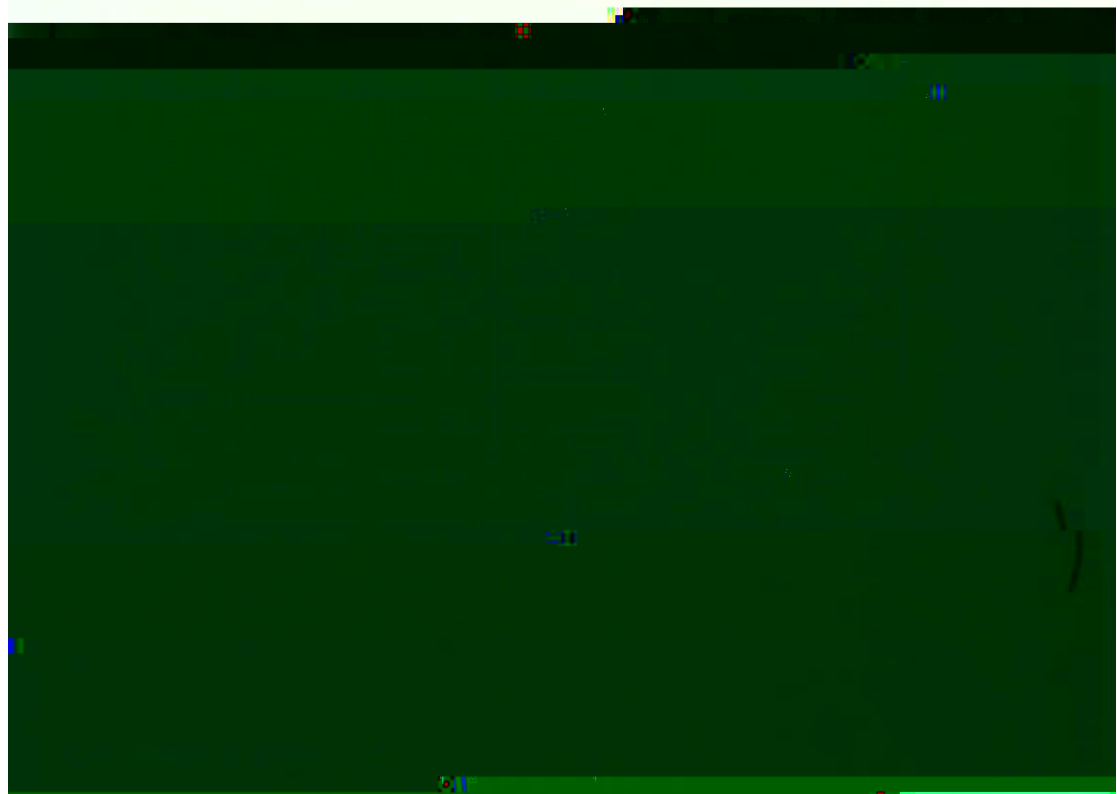


表 4-1-18 水泥库顶 3#检测结果

|                         |                 |       |          |
|-------------------------|-----------------|-------|----------|
| 检测日期                    | 2021 年 11 月 4 日 | 检测点位  | 水泥库顶 3#  |
| 燃料种类名称                  | —               | 净化设施  | 脉冲单机袋除尘器 |
| 投运时间                    | —               | 排气筒高度 | 37m      |
| 烟气参数                    |                 |       |          |
| 烟气平均动压 (Pa)             | 43              |       |          |
| 烟气平均静压 (kPa)            | 0.02            |       |          |
| 烟气平均温度 (°C)             | 34.8            |       |          |
| 烟气平均流速 (m/s)            | 7.6             |       |          |
| 断面截面积 (m <sup>2</sup> ) | 0.1257          |       |          |

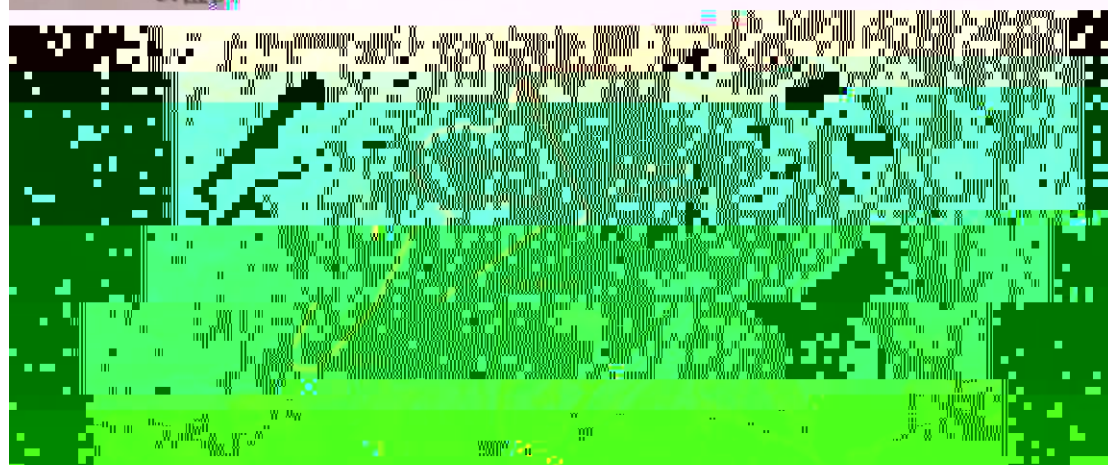
## 检测结果

## 1.2 厂界噪声检测结果



| 采样<br>时间   | 检测点位      | 昼 间   |         |      | 夜 间   |         |      |  |
|------------|-----------|-------|---------|------|-------|---------|------|--|
|            |           | 测量时间  | Leq(A)值 | 主要声源 | 测量时间  | Leq(A)值 | 主要声源 |  |
| 2021.11.05 | 厂界东侧 1m 处 | 09:17 | 55.4    | 环境噪声 | 22:06 | 44.3    | 环境噪声 |  |
|            | 厂界南侧 1m 处 | 09:21 | 55.2    | 环境噪声 | 22:10 | 44.0    | 环境噪声 |  |
|            | 厂界西侧 1m 处 | 09:44 | 56.3    | 环境噪声 | 22:33 | 44.0    | 环境噪声 |  |

## 5.检测点位图



11

104

11

104