

鄂BAG 20230 检字 060152 号



项目名称：2023 年第二季度有组织废气  
在线监测仪器比对监测

委托单位：华新水泥（麻城）有限公司

检测类别：委托检测

编制日期：2023 年 6 月 16 日

黄冈博创检测技术有限公司

(检验检测专用章)

## 说明

1、由委托方自行采集的样品，仅对送检样品的检测结果负责，不对样品来源负责，对检测结果不做评价。

2、报告正本单位“检验检测专用章” 陈继高 (MA) 黄乃斌 宋林 杨如

3、报告内容需齐全、清楚，涂改、增删无效。

4、未经本单位书面批准，本报告不得部分复制，经本单位批准全文复制的报告未重新加盖本单位“检验检测专用章”仍无效。

5、如委托单位对本报告数据有异议，应于收到本报告之日起十日内（邮寄

结果。

6、本单位商标、名称及本报告不得用于产品标签、广告宣传。

本机构通讯资料：

黄冈博创检测技术服务有限公司

地址：湖北省黄冈市黄州区新港北路19号

黄冈光谷联合科技城A2幢101号

电话：0713-8100389

邮政编码：438000

电子邮箱：hgbcjc@126.com

## 1、项目概况

受化新业江（市城）方阳公司委托，本公司于 2022 年 11 月 15 日，对该公司有组织废气在线监测仪器进行了现场比对监测。具体监测内容如下：

## 2、监测内容

根据委托单位的要求，按照国家规定的相关技术规范，对该项目的有组织废气在线监测仪器进行了现场比对监测。具体监测内容如下：

| 监测类别  | 监测点位        | 监测项目               | 监测频次         | 监测方式         |
|-------|-------------|--------------------|--------------|--------------|
| 有组织废气 | 球磨机收尘器排气筒出口 | 颗粒物、流速、烟温、<br>烟气湿度 | 5 次/天，监测 1 天 | 拍摄采样<br>监测照片 |

## 3、检测项目、依据、方法及仪器

有组织废气检测项目、依据、方法、检出限及仪器信息详见下表：

| 检测项目  | 检测依据                    | 检测方法                            | 检出限                 | 检测仪器                      |
|-------|-------------------------|---------------------------------|---------------------|---------------------------|
| 颗粒物   | GB/T 16157-1996<br>及修改单 | 重量法                             | 20mg/m <sup>3</sup> | FA2204 电子天平               |
| 有组织废气 | 流速                      |                                 |                     |                           |
| 烟温    | GB/T 16157-1996         | 固定污染源排气中<br>颗粒物测定与气态<br>污染物采样方法 | /                   | YQ3000-C 型全自动<br>烟尘（气）分析仪 |

参照《固定污染源烟气（SO<sub>2</sub>、NO<sub>x</sub>、颗粒物）排放连续监测系统技术要求及检测方法》（HJ 75-2017）

表3 烟气 CEMS 考核指标要求

[illegible]

#### 4. 质量控制措施

(1) 本次检测公司所有检测人员均持证上岗。

1. *What is the purpose of the study?*  
 2. *What are the research objectives?*  
 3. *What is the research methodology?*  
 4. *What are the results of the study?*  
 5. *What are the conclusions of the study?*  
 6. *What are the limitations of the study?*  
 7. *What are the implications of the study?*  
 8. *What are the future research directions?*  
 9. *What are the contributions of the study?*  
 10. *What are the key findings of the study?*  
 11. *What are the main results of the study?*  
 12. *What are the primary outcomes of the study?*  
 13. *What are the secondary outcomes of the study?*  
 14. *What are the tertiary outcomes of the study?*  
 15. *What are the quaternary outcomes of the study?*  
 16. *What are the quinary outcomes of the study?*  
 17. *What are the senary outcomes of the study?*  
 18. *What are the septenary outcomes of the study?*  
 19. *What are the octenary outcomes of the study?*  
 20. *What are the nonary outcomes of the study?*  
 21. *What are the decenary outcomes of the study?*  
 22. *What are the undecenary outcomes of the study?*  
 23. *What are the duodecenary outcomes of the study?*  
 24. *What are the tredecenary outcomes of the study?*  
 25. *What are the quattuordecenary outcomes of the study?*  
 26. *What are the quindecenary outcomes of the study?*  
 27. *What are the sexdecenary outcomes of the study?*  
 28. *What are the septendecenary outcomes of the study?*  
 29. *What are the octodecenary outcomes of the study?*  
 30. *What are the nonodecenary outcomes of the study?*  
 31. *What are the vigintenary outcomes of the study?*  
 32. *What are the unvigintenary outcomes of the study?*  
 33. *What are the bivigintenary outcomes of the study?*  
 34. *What are the trivigintenary outcomes of the study?*  
 35. *What are the quadvigintenary outcomes of the study?*  
 36. *What are the quinvigintenary outcomes of the study?*  
 37. *What are the sexvigintenary outcomes of the study?*  
 38. *What are the septenvigintenary outcomes of the study?*  
 39. *What are the octovigintenary outcomes of the study?*  
 40. *What are the nonavigintenary outcomes of the study?*  
 41. *What are the vigintigintenary outcomes of the study?*  
 42. *What are the unvigintigintenary outcomes of the study?*  
 43. *What are the bivigintigintenary outcomes of the study?*  
 44. *What are the trivigintigintenary outcomes of the study?*  
 45. *What are the quadvigintigintenary outcomes of the study?*  
 46. *What are the quinvigintigintenary outcomes of the study?*  
 47. *What are the sexvigintigintenary outcomes of the study?*  
 48. *What are the septenvigintigintenary outcomes of the study?*  
 49. *What are the octovigintigintenary outcomes of the study?*  
 50. *What are the nonavigintigintenary outcomes of the study?*  
 51. *What are the vigintigintigintenary outcomes of the study?*  
 52. *What are the unvigintigintigintenary outcomes of the study?*  
 53. *What are the bivigintigintigintenary outcomes of the study?*  
 54. *What are the trivigintigintigintenary outcomes of the study?*  
 55. *What are the quadvigintigintigintenary outcomes of the study?*  
 56. *What are the quinvigintigintigintenary outcomes of the study?*  
 57. *What are the sexvigintigintigintenary outcomes of the study?*  
 58. *What are the septenvigintigintigintenary outcomes of the study?*  
 59. *What are the octovigintigintigintenary outcomes of the study?*  
 60. *What are the nonavigintigintigintenary outcomes of the study?*  
 61. *What are the vigintigintigintigintenary outcomes of the study?*  
 62. *What are the unvigintigintigintigintenary outcomes of the study?*  
 63. *What are the bivigintigintigintigintenary outcomes of the study?*  
 64. *What are the trivigintigintigintigintenary outcomes of the study?*  
 65. *What are the quadvigintigintigintigintenary outcomes of the study?*  
 66. *What are the quinvigintigintigintigintenary outcomes of the study?*  
 67. *What are the sexvigintigintigintigintenary outcomes of the study?*  
 68. *What are the septenvigintigintigintigintenary outcomes of the study?*  
 69. *What are the octovigintigintigintigintenary outcomes of the study?*  
 70. *What are the nonavigintigintigintigintenary outcomes of the study?*  
 71. *What are the vigintigintigintigintigintenary outcomes of the study?*  
 72. *What are the unvigintigintigintigintigintenary outcomes of the study?*  
 73. *What are the bivigintigintigintigintigintenary outcomes of the study?*  
 74. *What are the trivigintigintigintigintigintenary outcomes of the study?*  
 75. *What are the quadvigintigintigintigintigintenary outcomes of the study?*  
 76. *What are the quinvigintigintigintigintigintenary outcomes of the study?*  
 77. *What are the sexvigintigintigintigintigintenary outcomes of the study?*  
 78. *What are the septenvigintigintigintigintigintenary outcomes of the study?*  
 79. *What are the octovigintigintigintigintigintenary outcomes of the study?*  
 80. *What are the nonavigintigintigintigintigintenary outcomes of the study?*  
 81. *What are the vigintigintigintigintigintigintenary outcomes of the study?*  
 82. *What are the unvigintigintigintigintigintigintenary outcomes of the study?*  
 83. *What are the bivigintigintigintigintigintigintenary outcomes of the study?*  
 84. *What are the trivigintigintigintigintigintigintenary outcomes of the study?*  
 85. *What are the quadvigintigintigintigintigintigintenary outcomes of the study?*  
 86. *What are the quinvigintigintigintigintigintigintenary outcomes of the study?*  
 87. *What are the sexvigintigintigintigintigintigintenary outcomes of the study?*  
 88. *What are the septenvigintigintigintigintigintigintenary outcomes of the study?*  
 89. *What are the octovigintigintigintigintigintigintenary outcomes of the study?*  
 90. *What are the nonavigintigintigintigintigintigintenary outcomes of the study?*  
 91. *What are the vigintigintigintigintigintigintigintenary outcomes of the study?*  
 92. *What are the unvigintigintigintigintigintigintigintenary outcomes of the study?*  
 93. *What are the bivigintigintigintigintigintigintigintenary outcomes of the study?*  
 94. *What are the trivigintigintigintigintigintigintigintenary outcomes of the study?*  
 95. *What are the quadvigintigintigintigintigintigintigintenary outcomes of the study?*  
 96. *What are the quinvigintigintigintigintigintigintigintenary outcomes of the study?*  
 97. *What are the sexvigintigintigintigintigintigintigintenary outcomes of the study?*  
 98. *What are the septenvigintigintigintigintigintigintigintenary outcomes of the study?*  
 99. *What are the octovigintigintigintigintigintigintigintenary outcomes of the study?*  
 100. *What are the nonavigintigintigintigintigintigintigintenary outcomes of the study?*

质控措施，确保检测数据的准确性。

---

### 5. 六线监测仪器对比监测结果



排污企业名称

监测点位

2023.6.6~2023.6.7

监测指标

颗粒物、流速、烟温、烟气湿度

CEMS 比对监测结果数据报表

| 项目   | 单位                | 参比方法<br>均值 | CEMS 法<br>均值 | 比对监测<br>结果 | 限值   | 结果评定 |
|------|-------------------|------------|--------------|------------|------|------|
| 颗粒物  | mg/m <sup>3</sup> | 20 (8.33)  | 9.44         | 47.2       | 20   | 合格   |
| 流速   | m/s               | 15.2       | 15.55        | 2          | 15.2 | 合格   |
| 烟温   | ℃                 | 55         | 58.40        | 2.44       | 55   | 合格   |
| 烟气湿度 | %                 | 3.02       | 3.02         | 0.01       | 3.02 | 合格   |

表 5 颗粒物、流速、烟温、烟气湿度比对监测结果

|                            | 颗粒物 (mg/m <sup>3</sup> ) | 流速 (m/s) | 烟温 (℃) | 烟气湿度 (%) |
|----------------------------|--------------------------|----------|--------|----------|
| 比对时间                       |                          |          |        |          |
| 22:40~22:50                | <20<br>(8.27)            | 9.23     | 15.2   | 15.58    |
| 22:57~23:07                | <20<br>(8.93)            | 9.17     | 15.5   | 15.25    |
| 23:15~23:25                | <20<br>(8.25)            | 9.23     | 15.2   | 15.58    |
| 23:32~23:42                | <20<br>(7.65)            | 9.60     | 15.9   | 15.66    |
| 23:48~23:58                | <20<br>(8.52)            | 9.90     | 16.2   | 15.61    |
| 平均值                        | <20<br>(8.33)            | 9.44     | 15.72  | 15.55    |
| 烟气温度偏差 (℃)                 |                          |          | 1.11   |          |
| 流速偏差 (m/s)                 |                          |          | -2     |          |
| 颗粒物偏差 (mg/m <sup>3</sup> ) |                          |          | 2.44   |          |
| 烟气湿度偏差 (%)                 |                          |          | 0.01   |          |



中国·湖北·黄冈市黄州区新港北路 10 号黄冈市公共检验检测中心 10 楼 101 号

## 6. 声明

编制人: 谢思佳

审核人: 331

\*\*\*\*\*报告结束\*\*\*\*\*

附图：现场监测照片