



Title: Reporting Incinerator CEM

Area: Manufacturing

Issue No.: 1

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| Day                       |                     |               | 1      | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     | 12     | 13     | 14     | 15     | 16     | 17     | 18     |
|---------------------------|---------------------|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Running time              | Residue             | h             | 24     | 24     | 24     | 24     | 24     | 24     | 24     | 24     | 20.5   | 14     | 24     | 24     | 24     | 23     | 21     | 24     | 24     | 14.5   |
|                           | Gas                 | h             | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 4      | 8.5    | 0      | 0      | 0      | 1      | 3      | 0      | 0      | 0.5    |
|                           | Residue & gas       | h             | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0.5    | 0      | 0      | 0      | 0      | 0.5    | 0      | 0      | 0      |
|                           | Idle                | h             | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0.5    | 2      | 0      | 0      | 0      | 0      | 0.5    | 0      | 0      | 9      |
| Total flow                | Residue             | kg            | 9327   | 9364.8 | 9337.6 | 9329.8 | 9329.5 | 9361.7 | 9362.1 | 9195.4 | 7266.3 | 5083.7 | 8616.8 | 8628   | 8903.1 | 8916.5 | 8076   | 9349.7 | 9598.7 | 5796.3 |
|                           | Gas                 | m3            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 483.8  | 993.8  | 0      | 0      | 0      | 158.8  | 341.5  | 0      | 0      | 51.1   |
|                           | Air                 | m3            | 112200 | 111979 | 124906 | 125158 | 125118 | 126662 | 126702 | 124625 | 122400 | 125990 | 118677 | 113998 | 118704 | 126629 | 124380 | 119468 | 124021 | 106973 |
| NOx (normalised)          | Min                 | mg/m3         | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
|                           | Ave                 | mg/m3         | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0.3    | 0      | 0      | 0      | 0      | 0.6    | 0.2    | 0      | 0      | 0      |
|                           | Max                 | mg/m3         | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 10.8   | 0      | 0      | 0      | 0      | 17     | 6.8    | 0      | 0      | 0      |
|                           | Exceeds daily ELV ? | [ 400 mg/m3 ] | N      | N      | N      | N      | N      | N      | N      | N      | N      | N      | N      | N      | N      | N      | N      | N      | N      | N      |
| CO (normalised)           | Min                 | mg/m3         | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | -0.1   | 0      | 0      | 0      | 0      | -0.4   | 0      | 0      | 0      | 0      |
|                           | Ave                 | mg/m3         | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
|                           | Max                 | mg/m3         | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0.3    | 0      | 0      | 0      |
|                           | 30m ELV exceedances | [ 100 mg/m3 ] | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Particulates (normalised) | Min                 | mg/m3         | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
|                           | Ave                 | mg/m3         | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
|                           | Max                 | mg/m3         | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0.1    | 0      | 0      | 0      | 0      | 0.2    | 0.1    | 0      | 0      | 0      |
|                           | 30m ELV exceedances | [ 30 mg/m3 ]  | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| VOC (normalised)          | Min                 | mg/m3         | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
|                           | Ave                 | mg/m3         | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
|                           | Max                 | mg/m3         | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
|                           | 30m ELV exceedances | [ 20 mg/m3 ]  | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Exceeds daily ELV ?       |                     | [ 10 mg/m3 ]  | N      | N      | N      | N      | N      | N      | N      | N      | N      | N      | N      | N      | N      | N      | N      | N      | N      | N      |

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| Day                       |                     |               | 19     | 20     | 21    | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30    | 31    | TOTALS        |
|---------------------------|---------------------|---------------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| Running time              | Residue             | h             | 0      | 0      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 405           |
|                           | Gas                 | h             | 0      | 0      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 17            |
|                           | Residue & gas       | h             | 0      | 0      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 2             |
|                           | Idle                | h             | 24     | 24     | 24    | 24    | 24    | 24    | 24    | 24    | 24    | 24    | 24    | 24    | 24    | 324           |
| Total flow                | Residue             | kg            | 0      | 0      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 154.8 tonnes  |
|                           | Gas                 | m3            | 0      | 0      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0.3   | 0     | 0     | 0     | 2029 m3       |
|                           | Air                 | m3            | 215579 | 107309 | 58483 | 56433 | 60500 | 49748 | 47524 | 53092 | 51867 | 56264 | 55549 | 59053 | 30588 | 3080581 m3    |
| NOx (normalised)          | Min                 | mg/m3         |        |        |       |       |       |       |       |       |       |       |       |       |       |               |
|                           | Ave                 | mg/m3         |        |        |       |       |       |       |       |       |       |       |       |       |       |               |
|                           | Max                 | mg/m3         |        |        |       |       |       |       |       |       |       |       |       |       |       |               |
|                           | Exceeds daily ELV ? | [ 400 mg/m3 ] |        |        |       |       |       |       |       |       |       |       |       |       |       | 0 exceedances |
| CO (normalised)           | Min                 | mg/m3         |        |        |       |       |       |       |       |       |       |       |       |       |       |               |
|                           | Ave                 | mg/m3         |        |        |       |       |       |       |       |       |       |       |       |       |       |               |
|                           | Max                 | mg/m3         |        |        |       |       |       |       |       |       |       |       |       |       |       |               |
|                           | 30m ELV exceedances | [ 100 mg/m3 ] |        |        |       |       |       |       |       |       |       |       |       |       |       | 0 exceedances |
|                           | Exceeds daily ELV ? | [ 50 mg/m3 ]  |        |        |       |       |       |       |       |       |       |       |       |       |       | 0 exceedances |
| Particulates (normalised) | Min                 | mg/m3         |        |        |       |       |       |       |       |       |       |       |       |       |       |               |
|                           | Ave                 | mg/m3         |        |        |       |       |       |       |       |       |       |       |       |       |       |               |
|                           | Max                 | mg/m3         |        |        |       |       |       |       |       |       |       |       |       |       |       |               |
|                           | 30m ELV exceedances | [ 30 mg/m3 ]  |        |        |       |       |       |       |       |       |       |       |       |       |       | 0 exceedances |
|                           | Exceeds daily ELV ? | [ 10 mg/m3 ]  |        |        |       |       |       |       |       |       |       |       |       |       |       | 0 exceedances |
| VOC (normalised)          | Min                 | mg/m3         |        |        |       |       |       |       |       |       |       |       |       |       |       |               |
|                           | Ave                 | mg/m3         |        |        |       |       |       |       |       |       |       |       |       |       |       |               |
|                           | Max                 | mg/m3         |        |        |       |       |       |       |       |       |       |       |       |       |       |               |
|                           | 30m ELV exceedances | [ 20 mg/m3 ]  |        |        |       |       |       |       |       |       |       |       |       |       |       | 0 exceedances |
|                           | Exceeds daily ELV ? | [ 10 mg/m3 ]  |        |        |       |       |       |       |       |       |       |       |       |       |       | 0 exceedances |

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