

# Monthly PG5 report, Month Year

Location: A N Other Crematorium [elec]

Total number of cremations= 54

Table 1: Combustion Provisions - 5 min average

|                                     | PG/2 Criteria            | Average value for period | Minimum value | Maximum value |
|-------------------------------------|--------------------------|--------------------------|---------------|---------------|
| Secondary Chamber Start Temperature | 750 °C abated            | 723 °C                   | 649 °C        | 780 °C        |
| Secondary Chamber End Temperature   | 750 °C abated            | 734 °C                   | 679 °C        | 879 °C        |
| Oxygen measured wet or dry          | avarage >6%, minimum >3% | 11.5 %                   | 4.6 %         | 20.9 %        |

Table 2: 95th percentile emission value for period

| Substance       | 95 percentile [mg/m <sup>3</sup> ] |
|-----------------|------------------------------------|
| carbon monoxide | 76.2                               |

Table 3: Values that exceed 100 [mg/m<sup>3</sup>] (2x30 minute average) for:  
carbon monoxide on abated plant operating to emission levels in PG5/2 (12) Table 4 item 4a

| Parameter       | 1st 30 min [mg/m <sup>3</sup> ] | 2nd 30 min [mg/m <sup>3</sup> ] | AV Value [mg/m <sup>3</sup> ] | Crem # | Date       | Time     |
|-----------------|---------------------------------|---------------------------------|-------------------------------|--------|------------|----------|
| carbon monoxide | 120.7                           | 221.2                           | 171.0                         | 25     | 2020-11-03 | 11:43:18 |
| carbon monoxide | 9.8                             | 317.8                           | 163.8                         | 63     | 2020-11-23 | 14:51:24 |

Table 4: Highest 60 minute mean emission value for the period

| Parameter       | Value [mg/m <sup>3</sup> ] | Crem # | Date       | Time     |
|-----------------|----------------------------|--------|------------|----------|
| carbon monoxide | 171.0                      | 25     | 2020-11-03 | 12:13:19 |

Table 5: Limit exceedances during period

| Parameter                                 | Value  | Crem # | Date       | Time     |
|---|--------|--------|------------|----------|
| Secondary chamber < 750 C (5 min average) | 749 °C | 22     | 2020-11-02 | 09:37:25 |
| Oxygen < 3% (5 min average)               | 2.0 %  | 22     | 2020-11-02 | 09:42:35 |

EXAMPLE