

MES Environmental Ltd
Dudley EFW Facility



Six-monthly Reporting of Emissions to Air for the period from July 2007

to December 2007

Notes:

1. The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value (ELV) – see notes 7 to 10. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.
2. Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated.
3. For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.
4. The accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis is given. Where accreditation is held the UKAS laboratory number is given. 'x' indicates that the task is not covered by UKAS accreditation.
5. The uncertainty associated with the quoted result is expressed on a 95% confidence interval basis in the measurement units.
6. The result is reported as a range where:
 - for the *minimum* value all congeners found to be less than the detection limit are assumed to be zero
 - for the *maximum* value all congeners found to be less than the detection limit are assumed to be at the detection limit
7. ELV is based on the value over a minimum 1 hour sampling period.
8. ELV is based on the average of all ½ hourly averages obtained over a minimum sampling period of 4 hours.
9. ELV is based on the value obtained over a sampling period of between ½ hour and 8 hours.
10. ELV is based on the value obtained over a sampling period of between 6 hours and 8 hours.
11. n.i. indicates that no limit has been set for this determinand.

Signed

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authorised to sign as representative of Operator

Date

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SUMMARY

MES Environmental Limited placed a contract with Bureau Veritas to undertake an assessment of emissions to atmosphere of particulate species from a thermal treatment system at their Energy from Waste plant, Dudley. Measurements were undertaken from the flue in the main stack serving unit 2 (denoted A2). These measurements form part of MES Environmental Limited's routine testing of releases to atmosphere under the terms of their authorisation to operate.

The test work was carried on the 13 December 2007.

The following results were obtained for the required determinands:

Monitoring Results

Summary of Measurements of Particulate Releases

Permitted Releases – Release Point A2

Determinand	Reported as	Date	Time Start	Time End	Concentration	Emission Limit Value
Total particulate matter	TPM	13.12.07	1034	1145	14 ± 1 mg/m ³	20

All determinands reported above are expressed at plant reference conditions of 273 K temperature and 101.3 kPa pressure (Standard Temperature & Pressure (STP)) in a dry gas containing 11% by volume oxygen.

All measurements reported above are UKAS accredited.

All resources and methodology employed complied with the requirements of MCERTs.

The emission limit value is the authorisation level currently applicable.