

Harlow District Council

Environmental Permitting Regulations 2016

Regulated Facility Inspection Report

Inspection Report - The following information provides a formal record of the following inspection:

Inspection Type:	Check Inspection	Site Reference:	EPR/B/5.1/PWC
Site Name & Address:	Parndon Wood Crematorium Parndon Wood Road Harlow Essex CM19 4SF	Date Inspected:	16 th January 2019
		Person Seen:	Astrud Matanle
		Inspected By:	Fay Rushby

1. Combustion conditions & Emissions

Normal cremating was being undertaken at the time of the inspection in both cremators. Extractive emissions monitoring was being undertaken at the time of the inspection. The following combustion conditions were noted:

Parameter	Cremator 1	Cremator 2	Limit
Time into cremation	35 mins	72 mins	-
Primary chamber temperature	925°C	843°C	-
Secondary chamber inlet temperature	890°C	870°C	>800°C
Secondary chamber outlet temperature	876°C	856°C	>800°C
%O ₂	12.0%	11.0%	Min 3%
Top air	45.0%	45.0%	-
Side air	35.0%	35.0%	-
Secondary air	0.0%	0.0%	-

A summary of the emissions at the time of the inspection is as follows:

Parameter	Cremator 1	Limit
Particulate matter	0.0 mg/m ³	20 mg/m ³
Carbon monoxide	0.0 mg/m ³	100 mg/m ³

All emissions were within limits.

The mercury test was being undertaken.

For information:

Davies and Co advised that some blank sample values from mercury tests had recently been high, and out of tolerance for the test procedure. This was traced to a contaminated batch of dichromate reagent used in the analysis of the results. Blanks had been subtracted as normal, however the elevated blank may have affected the uncertainty budget. I advised that this be documented in the emissions result report.

Signed: 
Environmental Health Officer

Date of Report: 27th January 2019