

## Crematorium

Council area	Inspection type	Inspection date
Maldon District Council	Permitting Inspection	10/10/2024
Site name	Permit reference	Person Seen
Maldon Fields Crematorium	MLD/EPR/B/009	David Loudfoot
Address		
Maldon Road, Woodham Mortimer, Maldon, Essex CM9 6SN		

### Cremators

No.	Make	Model	Fuel	Oxygen control	Abatement
			LPG		

### Cremation Operations

Parameter	Crem 1	Crem 2	Crem 3	Requirement
Time into cremation (or elapsed)	N/A	N/A	N/A	N/A
Primary chamber temperature		N/A	N/A	N/A
Secondary inlet temperature		N/A	N/A	>800
Secondary outlet temperature		N/A	N/A	>800
Secondary chamber oxygen		N/A	N/A	Min 3% / Ave 6%
Particulate emissions		N/A	N/A	<20 mg/m <sup>3</sup>
CO emissions		N/A	N/A	<100 mg/m <sup>3</sup>
Pressure / suction		N/A	N/A	

	Yes	No	Not Seen
Approved coffins charged?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Charge doors correctly interlocked?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Cremator charge door, ash door and ductwork gas tight?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Suitable and sufficient spares and consumables available?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Fully calcined remains removed at end of cremation process?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Remains processing area free from excessive dust?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Comments
Cremator installed but not yet commissioned.

### Flue Gas Treatment

Flue/Cremator	Mercury abatement	System
1	Reagent injection	Individually abated

FGT plant	General comments
1	FGT plant installed.

### Continuous Emissions Monitors (CEMs)

CEM	General comments
1 & 2	CEMs not yet installed.

### PG5 Reporting

	Yes	No
PG5 reports available on site (or forwarded) for the last 6-months?	<input type="radio"/>	<input checked="" type="radio"/>

Comments
Cremator not commissioned yet.

### Emissions

	Yes	No	N/A
Chimney free from visible emissions of smoke?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Free from emissions of odour (offensive or otherwise)?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Do operating conditions require annual dioxin monitoring?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Pollutant	Combined flue / Cremator 1	Cremator 2	Cremator 3	Limit:
		N/A	N/A	




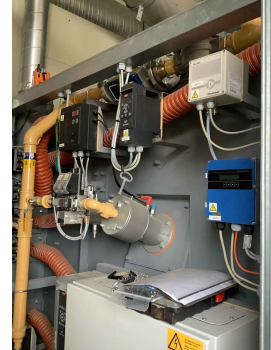
Comments
Commissioning emissions testing should be undertaken around three months after the date of the first cremation. The full suite of pollutants should be tested for, in addition to secondary chamber residence time.

**General**

	Yes	No	TBC
Any complaints?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Service records available on request?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
CAMEO certificate available (if applicable)?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Operator certificates on display?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Any changes undertaken or proposed?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

Comments
Site not yet operational.

**Photos**

Photo 1	Photo 2	Photo 3	Photo 4
			
Photo 1 comment	Photo 2 comment	Photo 3 comment	Photo 4 comment
Crematorium chimney	FGT plant	Sampling socket location	Machine rear

**Requirements for Action:**

Action	Action
1	Commissioning emissions testing should be undertaken around three months after the date of the first cremation. The full suite of pollutants should be tested for, in addition to secondary chamber residence time.
2	Please notify the Council at least 7-days prior to the emissions testing.

**Details of Inspector**

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