

Crematorium

Council area	Inspection type	Inspection date
Harlow Council	Full inspection	13/02/2024
Site name	Permit reference	Person Seen
Parndon Wood Crematorium	EPR/B/5.1/PWC	Joe Jaggers
Address		
Parndon Wood Road, Harlow CM19 4SF		

Cremators

No.	Make	Model	Fuel	Oxygen control	Abatement
1	FT	FTIII	Nat Gas	Fuji	Mercury
2	FT	FTII	Nat Gas	Fuji	Mercury
No.	General comments				
1	Recently rebricked.				
2	Machine 2 not in use at time of inspection.				

Cremation Operations

Parameter	Crem 1	Crem 2	Crem 3	Requirement
Time into cremation (or elapsed)	36	Off	N/A	N/A
Primary chamber temperature	876		N/A	N/A
Secondary inlet temperature	844		N/A	>800
Secondary outlet temperature	857		N/A	>800
Secondary chamber oxygen	13		N/A	Min 3% / Ave 6%
Particulate emissions	0		N/A	<20 mg/m3
CO emissions	0		N/A	<100 mg/m3
Pressure / suction	3.9		N/A	

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

Comments
Coffin charged at 10:10 approx.

Flue Gas Treatment

Flue/Cremator	Mercury abatement	System
1	Reagent injection	Two into one system

FGT plant	General comments
1	Operating normally. Plenty of reagent on site.

Continuous Emissions Monitors (CEMs)

Flue/Cremator	Parameter	Make	Type	Warnings?
Abated	CO	Ultramat 23	Quantitative	No
Abated	Particulates	PCME	Bag break	No

CEM	General comments
Both	Both CEMs functioning normally.

PG5 Reporting

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

Month	Cremator 1 Summary	Cremator 2 Summary	Cremator 3 Summary
Jan	No SCC temp excursions, Max CO 124	No SCC temp excursions, Max CO 64	N/A
Dec	No SCC temp excursions, Max CO 58	No SCC temp excursions, Max CO 29	N/A
Nov	No SCC temp excursions, Max CO 25	No SCC temp excursions, Max CO 31	N/A
Oct	No SCC temp excursions, Max CO 31	No SCC temp excursions, Max CO 16	N/A
Sep	No SCC temp excursions, Max CO 31	No SCC temp excursions, Max CO 0	N/A
Aug	No SCC temp excursions, Max CO 48	No SCC temp excursions, Max CO 24	N/A

Comments
No issues with monthly reports.

Emissions

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

Date of last emissions test	19/04/2023
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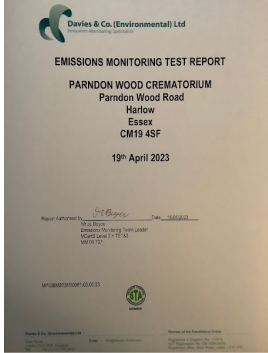
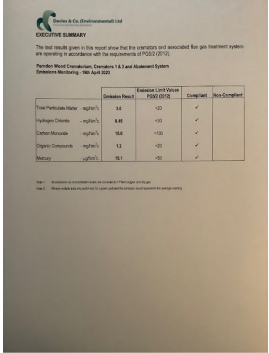
Pollutant	Combined flue / Cremator 1	Cremator 2	Cremator 3	Limit:
Particulate matter	3.0		N/A	20 mg/m3
Hydrogen chloride	0.45		N/A	30 mg/m3
Carbon monoxide	18.0		N/A	100 mg/m3
Organic compounds	1.2		N/A	20 mg/m3
Mercury	18		N/A	50 ug/m3

Comments
2024 emissions test planned for week commencing 18 March.

General

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

Photos

Photo 1	Photo 2	Photo 3	Photo 4
			
Photo 1 comment	Photo 2 comment	Photo 3 comment	Photo 4 comment
CEMs	PCME	Emissions report	Emissions summary

Requirements for Action:

Action	Action
	No requirements for action.

Details of Inspector

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