ehrc

Crematorium

Council area	Inspection type	Inspection date
Harlow Council	Full inspection	22/10/2025

Site name	Permit reference	Person Seen
Parndon Wood Crematorium	EPR/B/5.1/PWC	Joe Jaggers, Mick Mocock

Address
Parndon Wood Road, Harlow CM19 4SF

Cremators

No.	Make	Model	Fuel	Oxygen control	Abatement
1	FT	FTII	Nat Gas	Fuji	Mercury
2	FT	FTIII	Nat Gas	Fuji	Mercury

No.	General comments
1	Cremation underway on arrival.
2	Machine 2 not cremating today.

Cremation Operations

Parameter	Crem 1	Crem 2	Crem 3	Requirement
Time into cremation (or elapsed)	91	Off	N/A	N/A
Primary chamber temperature	759	130	N/A	N/A
Secondary inlet temperature	860	155	N/A	>800
Secondary outlet temperature	838	159	N/A	>800
Secondary chamber oxygen	13.9	20.1	N/A	Min 3% / Ave 6%
Particulate emissions	0	0	N/A	<20 mg/m3
CO emissions	0	0	N/A	<100 mg/m3
Pressure / suction	4.0	12.8	N/A	

	Yes	No	Not Seen
Approved coffins charged?	◉	○	○
Charge doors correctly interlocked?	◉	○	○
Cremator charge door, ash door and ductwork gas tight?	◉	○	○
Suitable and sufficient spares and consumables available?	◉	○	○
Fully calcined remains removed at end of cremation process?	◉	○	○
Remains processing area free from excessive dust?	◉	○	○

Comments
Cremator 1

Flue Gas Treatment

Flue/Cremator	Mercury abatement	System
1 & 2	Reagent injection	Two into one system

FGT plant	General comments
1 & 2	Working normally, good stock of reagent.

Continuous Emissions Monitors (CEMs)

Flue/Cremator	Parameter	Make	Type	Warnings?
1 & 2	CO	Ultramat 23	Quantitative	No
1 & 2	Particulates	PCME	Bag break	No

CEM	General comments
CO	Old 'M' measurement warning.
Particulate	Reasing normally.

PG5 Reporting

	Yes	No
PG5 reports available on site (or forwarded) for the last 6-months?	◉	○

Month	Cremator 1 Summary	Cremator 2 Summary	Cremator 3 Summary
Sep	No SCC temperature or oxygen issues, Max CO 12	No SCC temperature or oxygen issues, Max CO 160	N/A
Aug	No SCC temperature or oxygen issues, Max CO 6	No SCC temperature or oxygen issues, Max CO 81	N/A
Jul	No SCC temperature or oxygen issues, Max CO 7	Reporting issue with min / max temps, CO 0	N/A
Jun	No SCC temperature or oxygen issues, Max CO 87	No SCC temperature or oxygen issues, Max CO 56	N/A

Emissions

	Yes	No	N/A
Chimney free from visible emissions of smoke?	◉	○	○
Free from emissions of odour (offensive or otherwise)?	◉	○	○
Do operating conditions require annual dioxin monitoring?	○	○	◉

Date of last emissions test	11/03/2023

Pollutant	Combined flue / Cremator 1	Cremator 2	Cremator 3	Limit:
Particulate matter	<0.9	N/A	N/A	20 mg/m3
Hydrogen chloride	21.6	N/A	N/A	30 mg/m3
Carbon monoxide	7.7	N/A	N/A	100 mg/m3
Organic compounds	0.5	N/A	N/A	20 mg/m3
Mercury	4.5	N/A	N/A	50 ug/m3
			N/A	50 ug/m3

Next test due on or before	11/03/2026

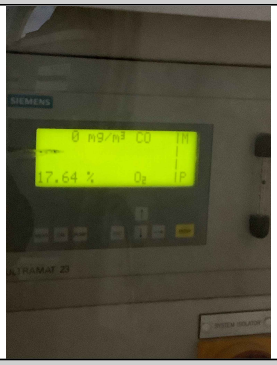
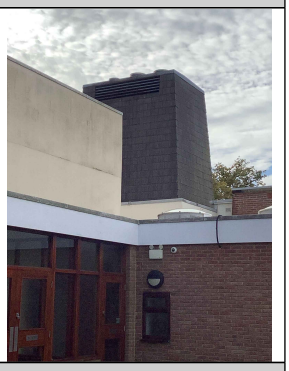
Comments
Results for HCl were higher than normal, but were still within limits.

General

	Yes	No	TBC
Any complaints?	○	◉	○
Service records available on request?	◉	○	○
CAMEO certificate available (if applicable)?	◉	○	○
Operator certificates on display?	◉	○	○
Any changes undertaken or proposed?	○	◉	○

Comments
Please forward service reports for 2025 year to date.

Photos

Photo 1	Photo 2	Photo 3	Photo 4
			
Photo 1 comment	**Photo 2 comment**	**Photo 3 comment**	**Photo 4 comment**
CO CEM	Stock of Factivate	PCME display	Stack

Requirements for Action:

Action	Action
1	Please forward service reports for 2025 year to date.
2	Please provide the usual 7-day prior notification for the 2026 emission testing.

Details of Inspector

Name: Fay Rushby (EHO) Telephone: 07802 349 581 Email: fay@ehrc.org.uk

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