ehrc

Crematorium

Council area	Inspection type	Inspection date
Harlow Council	Full inspection	11/03/2025

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	Cremating on arrival.
2	Cremator 1 raked down and charged 09:45

Cremation Operations

Parameter	Crem 1	Crem 2	Crem 3	Requirement
Time into cremation (or elapsed)	8	62	N/A	N/A
Primary chamber temperature	886	911	N/A	N/A
Secondary inlet temperature	890	866	N/A	>800
Secondary outlet temperature	850	835	N/A	>800
Secondary chamber oxygen	9.3	10.7	N/A	Min 3% / Ave 6%
Particulate emissions	0	0	N/A	<20 mg/m3
CO emissions	14	11	N/A	<100 mg/m3
Pressure / suction	2.7	4.4	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 2 raked down at 10:33.

Flue Gas Treatment

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

FGT plant	General comments
1 & 2	Plentiful supply of reagent. Reagent dosing normally.

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
Ultramat	Functioning normally.
PCME	Functioning 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
Feb	No temperature issues, CO 24, MAX 54	No temperature issues, CO 78, MAX 81	N/A
Jan	No temperature issues, CO 48, MAX 62	No temperature issues, CO 99, MAX 246	N/A
Dec	No temperature issues, CO 39, MAX 102	No temperature issues, CO MAX 111	N/A
Nov	No temperature issues, CO 28, MAX 44	No temperature issues, CO 67, MAX 73	N/A
Oct	No temperature issues, CO 28, MAX 32	No temperature issues, CO 41, MAX 56	N/A
Sep	No temperature issues, CO 12, MAX 96	No temperature issues, CO MAX 99	N/A

Comments
No ongoing significant matters on any report.

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	11/03/2025

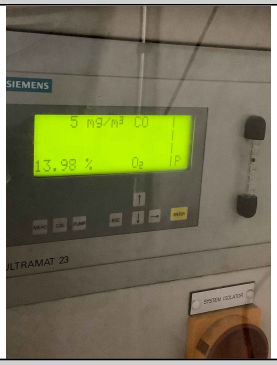
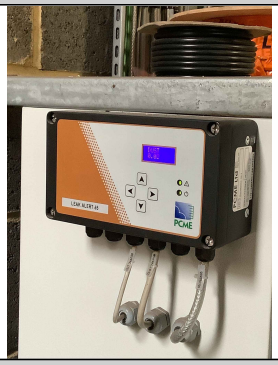
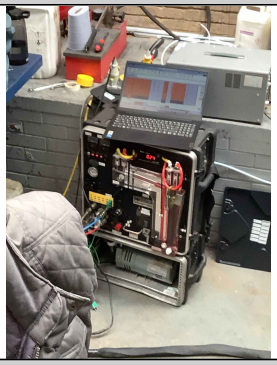
Comments
Alkali undertaking emissions testing today for Davies & Co. Mercury run.

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
New CAMEO certificate to be forwarded.

Photos

Photo 1	Photo 2	Photo 3	Photo 4
			
Photo 1 comment	**Photo 2 comment**	**Photo 3 comment**	**Photo 4 comment**
Ultramat CEM	PCME CEM	Test kit	

Requirements for Action:

Action	Action
1	Please forward the recent CAMEO certificate.
2	Please forward the emissions test report as soon as it is received.

Details of Inspector

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

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