

Releases into the Air from the Primary & Secondary Incinerators (Release Point references A1 & A2)

Reporting of Calibration Testing for period from July 2023 – December 2023

	Primary Incinerator (Release Point reference A1)				Secondary Incinerator (Release Point reference A2)			
	Test Date	Test Period	Result [1] mg/m3	CEM [2] mg/m3	Test Date	Test Period	Result [1] mg/m3	CEM [2] mg/m3
Particulates	13/08/2023	12:38 – 13:42	0.34	0.1	12/08/2023	10:38 – 11:42	0.32	4.7
Particulates	08/11/2023	11:13 – 12:17	1.2	0.2	Secondary did not run during this period			
VOCs [3]	13/08/2023	17:30 – 21:30	0.43	0.66	12/08/2023	17:00 – 21:00	3.5	0.62
HCl [4]	13/08/2023	12:39 – 14:39	4.8	7.0	12/08/2023	10:36 – 12:36	3.4	3.3
CO [5]	13/08/2023	17:30 – 21:30	16.0	2.8	12/08/2023	17:00 – 21:00	14.1	5.9
SO2 [6]	13/08/2023	12:38 – 13:42	30.1	21.6	12/08/2023	10:38 – 11:42	26.3	23.5
NOx [7]	13/08/2023	17:30 – 21:30	232	189	12/08/2023	17:00 – 21:00	135	118
NH3 [8]	09/08/2023	09:26 – 10:26	2.0	0.1	10/08/2023	09:03 – 10:03	0.48	0.3

[1] All values are expressed at the following conditions: 273K, 101.3kPa, 11%v/v oxygen, dry gas.

[2] CEM means the average measurement from the continuous emission monitor for the same parameter over the same period as the calibration test.

[3] VOCs means volatile organic compounds expressed as total organic carbon.

[4] HCl means hydrogen chloride. The results of the periodic measurement and of the CEM may not be directly comparable due to interference by other inorganic chlorides which may be present.


[5] CO means carbon monoxide.

[6] SO2 means sulphur dioxide.

[7] NOx means NO and NO2 expressed as NO2.

[8] NH3 means ammonia.

Comments/Actions relating to calibration checks :

Signed.....  
  
 Authorised to sign on behalf of SITA Waste (Isle of Man) Limited

Form Reference Number: **S3/O/5**  
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Date:..... ..17/01/2023.....