

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

Reporting of Calibration Testing for period from January 2023 – June 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	19/04/23	12:03 – 13:07	0.37	0.1	Secondary did not run during this period			
Particulates	18/2/23	10:21-10:23, 10:27-11:29	0.19	0.1	18/2/23	14:23 – 15:27	2.0	10.09
VOCs [3]	15/2/23	18:30 - 22:30	0.42	0.65	16/2/23	10:30 – 14:30	0.53	0.48
HCl [4]	15/2/23	13:04 - 15:04	5.4	7.73	17/2/23	10:52 – 12:52	1.4	0.82
CO [5]	15/2/23	18:30 - 22:30	23.4	8.29	16/2/23	10:30 – 14:30	13.1	4.68
SO2 [6]	18/2/23	10:21-10:23, 10:27-11:29	43.1	61.69	18/2/23	14:23 – 15:27	1.4	0.21
NOx [7]	15/2/23	18:30 - 22:30	220	181.33	16/2/23	10:30 – 14:30	142.0	107.76
NH3 [8]	15/2/23	12:31 – 13:31	1.2	0.2	18/2/23	14:33 – 15:33	0.32	0.17

[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

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Date:..... 19/7/23.....