

Releases of Air Pollution Control Residues (APCRs) from the Primary & Secondary Incinerators

Reporting of Periodic Emissions Monitoring Data for period from January - March 2023

AIR POLLUTION CONTROL RESIDUES			
Combined APCR from Primary and Secondary Incinerator			
Parameter	Sample Date	Result	Cumulative Average ^[1]
Total Organic Carbon (%) ^[2]	27/02/2023	1.52	1.6
Mercury ^[3] mg/Kg	27/02/2023	5.8	6.6
Cadmium ^[3] mg/Kg	27/02/2023	436	188.6
Thallium ^[3] mg/Kg	27/02/2023	1.0	7.0
Antimony ^[3] mg/Kg	27/02/2023	733.3	389.3
Arsenic ^[3] mg/Kg	27/02/2023	20	66.4
Chromium ^[3] mg/Kg	27/02/2023	47	62.0
Cobalt ^[3] mg/Kg	27/02/2023	22.7	13.4
Copper ^[3] mg/Kg	27/02/2023	725	613.0
Lead ^[3] mg/Kg	27/02/2023	4740	2733.8
Manganese ^[3] mg/Kg	27/02/2023	279	345.4
Nickel ^[3] mg/Kg	27/02/2023	27	34.8
Vanadium ^[3] mg/Kg	27/02/2023	30.4	52.8
PCBs ^[4] ug/Kg	27/02/2023	< 5	6.6
Dioxins ^[5] ng/Kg	27/02/2023	929.7789	758.7

[1] The cumulative average of all test results for the relevant parameter.

[2] Expressed as a percentage of the dry weight of the ash.

[3] The total of the metal and its compounds, expressed as the metal.

[4] PCBs means dioxin-like PCBs.

[5] Dioxins means dioxins and furans.

Signed:..........

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

Date:.....16/01/2024.....

Form Reference Number: **S3/L/2**

Version Number: 8

Date of Issue: 1st February 2023