

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

Reporting of Periodic Emissions Monitoring Data for period from July to September 2023

AIR POLLUTION CONTROL RESIDUES			
Combined APCR from Primary and Secondary Incinerator			
Parameter	Sample Date	Result	Cumulative Average ^[1]
Total Organic Carbon (%) ^[2]	18/8/23	1.85	1.6
Mercury ^[3] mg/Kg	18/8/23	3.6	6.4
Cadmium ^[3] mg/Kg	18/8/23	124	187.1
Thallium ^[3] mg/Kg	18/8/23	0.6	6.8
Antimony ^[3] mg/Kg	18/8/23	578.5	384.3
Arsenic ^[3] mg/Kg	18/8/23	90.7	66.6
Chromium ^[3] mg/Kg	18/8/23	51	61.9
Cobalt ^[3] mg/Kg	18/8/23	14.8	13.6
Copper ^[3] mg/Kg	18/8/23	803	616.7
Lead ^[3] mg/Kg	18/8/23	3110	2751.5
Manganese ^[3] mg/Kg	18/8/23	268	344.4
Nickel ^[3] mg/Kg	18/8/23	24.6	34.6
Vanadium ^[3] mg/Kg	18/8/23	10.5	51.7
PCBs ^[4] ug/Kg	18/8/23	5	6.5
Dioxins ^[5] ng/Kg	18/8/23	1021.1277	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:..... *R. Keinar*
 Authorised to sign on behalf of SITA Waste (Isle of Man) Limited

Date:..... 19/9/23.....

Form Reference Number: **S3/L/2**
 Version Number: 8
 Date of Issue: 1st February 2023