

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

Reporting of Periodic Emissions Monitoring Data for period from April to June 2023

AIR POLLUTION CONTROL RESIDUES			
Combined APCR from Primary and Secondary Incinerator			
Parameter	Sample Date	Result	Cumulative Average ^[1]
Total Organic Carbon (%) ^[2]	30/6/23	1.64	1.6
Mercury ^[3] mg/Kg	30/6/23	1.7	6.5
Cadmium ^[3] mg/Kg	30/6/23	137	187.9
Thallium ^[3] mg/Kg	30/6/23	0.6	6.8
Antimony ^[3] mg/Kg	30/6/23	544.4	381.7
Arsenic ^[3] mg/Kg	30/6/23	80.6	66.3
Chromium ^[3] mg/Kg	30/6/23	62.9	62.0
Cobalt ^[3] mg/Kg	30/6/23	26.6	13.6
Copper ^[3] mg/Kg	30/6/23	708	614.3
Lead ^[3] mg/Kg	30/6/23	3720	2746.8
Manganese ^[3] mg/Kg	30/6/23	350	345.4
Nickel ^[3] mg/Kg	30/6/23	30.1	34.7
Vanadium ^[3] mg/Kg	30/6/23	14.3	52.3
PCBs ^[4] ug/Kg	30/6/23	5	6.6
Dioxins ^[5] ng/Kg	30/6/23	759.99307	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

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