

Appendix 3.6 Detailed Breakdown of Emissions from EcoPark

Process	Emission Rate (g/s)																
	RSP	NOX	SO2	CO	Hydrogen Chloride (HCl)	VOC	Hydrogen Fluoride (HF) ⁽²⁾	Heavy Metals						Mercury (Hg)	Total Cadmium & Thallium	Dioxins (g l-TEQ/s)	
								Pb	Cd	Ni	As	Cu	Sb				Cr6+
Fuel Combustion (Total fuel consumption: 7,500 L/hr) ⁽¹⁾	0.5	6	0.1963	1.25	-	0.063	-	-	-	-	-	-	-	-	-	-	-
Non-Ferrous Metal Recovery Processes ⁽¹⁾	0.0407	-	1.5432	-	0.355	-	0.0444	0.0389	0.0008	0.0081	0.0016	0.0163	0.0041	3.58E-05	8.90E-04	-	1.929E-08
Crush-and-sieve of fluorescent lamp using an electric-powered machine ⁽¹⁾	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.42E-06	-	-
Melting of Glass ⁽¹⁾	0.0202	-	-	-	-	0.0288	-	-	-	-	-	-	-	-	-	-	-
Forming and Finishing of Glass ⁽²⁾	-	-	-	-	-	1.2693	-	-	-	-	-	-	-	-	-	-	-
Moulding and extrusion of Plastic ⁽²⁾	0.00896	-	-	-	-	0.0523	-	-	-	-	-	-	-	-	-	-	-
Grinding of Rubber Tyres ⁽²⁾	0.00920	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plastic-wood composite manufacturing ⁽²⁾	0.0015	-	-	-	-	0.0112	-	-	-	-	-	-	-	-	-	-	-
Total (High Temperature)	0.5609	6	1.7395	1.25	0.355	0.0918	0.0444	0.0389	0.0008	0.0081	0.0016	0.0163	0.0041	0.0000358	8.90E-04	0.0008	1.929E-08
Total (Ambient Temperature)	1.966E-02	-	-	-	-	1.3328	-	-	-	-	-	-	-	-	2.42E-06	-	-

Notes:

(1) From combustion related emissions (high temperature)

(2) From non-combustion related emissions (ambient temperature)