

Table B 1: Emission Parameters for the EFW Facility

Parameter	Value	
Stack height (m)	50	
Flue exit diameter (m)	2.0	
Temperature of release (°C)	190	
Actual flow rate (Am ³ /s)	77.6	
Moisture content (%v/v)	14.5	
Oxygen content (%v/v dry)	8.0	
Normalised flow rate (Nm ³ /s)	51.0 (a)	
Emission velocity at flue exit (m/s)	24.7	
Emissions	ELV (mg/Nm ³) (a)	Emission Rate (g/s)
PM ₁₀	5	0.26
TOC	10	0.51
HCl	6	0.31
HF	1	0.051
CO	50	2.6
SO ₂	30	1.5
NO _x	120	6.1
Group I (Cd, Tl)	0.02	0.0010
Group II (Hg)	0.02	0.0010
Group III (Sb, As, Pb, Cr, Co, Cu, Mn, Ni, V)	0.3	0.015
Dioxins and Furans	6.0 x 10 ⁻⁸	3.1 x 10 ⁻⁹
PAHs (as B[a]P)	9.0 x 10 ⁻⁵	4.6 x 10 ⁻⁶
PCBs	5.0 x 10 ⁻³	2.6 x 10 ⁻⁴
NH ₃	10	0.51
(a) At 11% O ₂ 273K, 101.3 kPa, dry		