

Regain SPL Reprocessing Facility - Tomago Aluminium Smelter

Environmental Pollution Monitoring - Obtained Data

Environment Protection Licence Point 6 - Rotary Kiln Stack
Required Frequency - Special Frequency 2

Draft Regulatory Limit and Test Period	Material Processed	Carbon Monoxide (mg/cu m)	Cyanide (mg/cu m)	Dioxins and Furans - Lower Bound (ng/cu m)	Dioxins and Furans - Middle Bound (ng/cu m)	Dry Gas Density	Fine Particulate (mg/cu m)	Flow (cu m/sec)	Moisture (%)	Nitrogen Oxides (mg/cu m)	Oxygen (O2) (%)	Polycyclic Aromatic Hydrocarbons (mg/cu m)	Sulphur Dioxide (mg/cu m)	Temperature (deg celcius)	Total Fluoride (mg/cu m)	Total Particulate (mg/cu m)	Type 1 & Type 2 Substances in Aggregate (mg/cu m)	Cadmium (mg/cu m)	Velocity m/sec	Volatile Organic Compound s (mg/m ³)	Date Sampled	Date Obtained	Date Published
Current Draft Regulatory Limit		tba	1.0	<-----0.1 in total----->		n.a.	10	n.a.	n.a.	25	n.a.	0.2	25	n.a.	5	20	0.5	0.025	n.a.	10			
Jun-July 2024	SPL	98	<0.014	0.00043	0.0012	1.29	0.21	10	1	3	20.4	0.0027	<3	77.7	0.029	0.5	0.012	<0.00025	12	0.089	Jun-Jul 2024	18-Jul-24	23-Jul-24
Oct-Nov 2024	SPL	195	<0.013	0.00042	0.0024	1.29	<0.11	9.8	1.6	2	20.1	0.0029	<3	89.9	2.3	0.09	0.027	<0.00034	12	0.86	Oct-Nov 2024	16-Dec-24	19-Dec-24
Mar-Apr 2025	SPL	26	<0.014	0.000036	0.0022	1.29	0.26	9.9	2.2	<2	20.9	0.0072	13	81.5	0.051	0.8	0.01	0.00028	12	0.4	Mar-Apr 2025	23-May-25	28-May-25