

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	<0.000014	<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	<0.000014	13	81.5	0.051	0.8	0.01	0.00028	12	0.4	Mar-Apr 2025	23-May-25	28-May-25
July-Aug 2025	SPL	113	<0.014	0.0074	0.0083	1.29	1.1	11	1.2	2	20.4	<0.000014	<3	88.8	1.6	4.5	0.028	<0.00018	13	<0.18	Jul-Aug 2025	17-Sep-25	18-Sep-25
Oct-25	SPL	110	<0.013	0.0082	0.0097	1.29	1.7	11	1.2	5	20.4	0.000018	<3	82.4	1	7.2	0.0052	<0.00022	13	0.17	Oct-25	8-Dec-25	11-Dec-25
Jan-26	SPL	225	<0.013	0.00038	0.0028	1.29	2.9	12	3	1	20.2	<0.000012	<3	92.5	3.9	7	0.0047	0.00043	14	0.35	Jan-26	5-Mar-26	5-Mar-26