



Reported:	9 May 2016	Published:	11 May 2016
Licensee:	Weston Aluminium Pty Limited	Address:	129 Mitchell Avenue, Kurri Kurri NSW, 2327
Frequency:	Quarterly (as processed)	Event:	Mixed SPL Processing Trial Emission Assessment
EPL No:	6423 (http://www.environment.nsw.gov.au/prpoeoapp)		

Qualifications related to stack emission monitoring
 Nil

Monitoring Location	Date Sampled	Measured Levels			
		Pollutant	Measurement	Limit	Unit
Monitoring Point 1 (Stack 1)	01 Apr 2016	Carbon monoxide	95	100	ppm
		Chlorine	<4.5	NL	mg/m ³
		Cyanide	0.33	0.5	mg/m ³
		Fine particulates	0.17	NL	mg/m ³
		Gaseous fluoride	0.055	2	mg/m ³
		Hydrogen chloride	<9.1	400	mg/m ³
		Oxides of nitrogen (as NO ₂)	3	2500	mg/m ³
		Oxygen	20.3	NL	%
		Particulate fluoride	0.027	NL	mg/m ³
		Sulfur dioxide (SO ₂ as SO ₃)	<7.6	NL	mg/m ³
		Sulfuric acid mist (H ₂ SO ₄ as SO ₃)	<1.5	100	mg/m ³
		Total particulate	0.76	25	mg/m ³
		Total polycyclic aromatic hydrocarbons	0.23	NL	mg/m ³
		Metals	0.022	10	mg/m ³
		Volatile organic compounds	1.47	NL	mg/m ³
		Stack velocity (stack conditions)	17	NA	m/s
Volumetric flow rate (STP, dry)	28	NA	m ³ /s		
Temperature	62	NA	°C		
Gas density	1.29	NA	kg/m ³		

NOTES: Emission concentrations expressed at dry gas, 273 K and 101.3 kPa conditions.
 NL – No limit applies
 NA – Not applicable

Exceedances this period: Nil