



Reported:	22 November 2017	Published:	27 November 2017
Licensee:	Weston Aluminium Pty Limited	Address:	129 Mitchell Avenue, Kurri Kurri NSW, 2327
Frequency:	Annual	Event:	Annual
EPL No:	6423 (http://www.environment.nsw.gov.au/prpoeoapp)		

Qualifications related to stack emission monitoring
 All testing and analyses are performed in accordance with NATA's accreditation requirements.

Monitoring Location	Date Sampled	Measured Levels			
		Pollutant	Measurement	Limit	Unit
Monitoring Point 1 (Stack 1)	04 Oct 2017	Total particulate	1.5	25	mg/m ³
		Sulfuric acid mist	2.5	100	mg/m ³
		Hydrogen chloride	<0.098	400	mg/m ³
		Metals	0.0074	10	mg/m ³
		Cyanide	0.43	0.5	mg/m ³
		Gaseous fluoride	<0.0087	2	mg/m ³
		Total oxides of nitrogen	6	2500	mg/m ³
		Carbon monoxide	26	100	ppm
Monitoring Point 2 (Stack 2)	13 Sep 2017	Total particulate	1.1	35	mg/m ³
Monitoring Point 3 (Stack 3)	13 Sep 2017	Total particulate	1.4	50	mg/m ³
Monitoring Point 4 (Stack 4)	13 Sep 2017	Total particulate	0.77	24	mg/m ³
Monitoring Point 13 (Stack 5)	15 Sep 2017	Metals	0.022	5	mg/m ³
		Volatile organic compounds	<0.36	77	mg/m ³
		Hydrogen chloride	<0.17	10	mg/m ³
		Total fluoride	<0.013	NL	mg/m ³
		Sulfuric acid mist	<2	100	mg/m ³
		Dioxins and furans	0.0054 ^{*1}	0.1 ^{*2}	ng/m ³
		Total oxides of nitrogen	6	100	mg/m ³
		Carbon monoxide	5	125	mg/m ³
Total particulate	0.67	10	mg/m ³		
Monitoring Point 14 (Stack 6)	15 Sep 2017	Total Particulate	7.4 ^{*3}	10 ^{*4}	mg/m ³
		Total oxides of nitrogen	30	NL	mg/m ³
		Carbon monoxide	3	NL	mg/m ³
Monitoring Point 15 (Stack 7)	03 Oct 2017	Total particulate	1.2	15	mg/m ³

NOTES:

Emission concentrations expressed at dry gas, 273 K and 101.3 kPa conditions.

^{*1} Value is a rolling annual average for direct comparison with the regulatory limit.

^{*2} Limit value is a rolling annual average.

^{*3} Value is corrected to 3% oxygen for direct comparison with the regulatory limit.

^{*4} Limit value is expressed at 3% oxygen reference.

Exceedances this period: Nil