



<b>Reported:</b>	06 September 2016	<b>Published:</b>	09 September 2016
<b>Licensee:</b>	Weston Aluminium Pty Limited	<b>Address:</b>	129 Mitchell Avenue, Kurri Kurri NSW, 2327
<b>Frequency:</b>	Annual	<b>Event:</b>	Annual
<b>EPL No:</b>	6423 ( <a href="http://www.environment.nsw.gov.au/prpoeoapp">http://www.environment.nsw.gov.au/prpoeoapp</a> )		

**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)	05 Jul 2016	Total particulate	1.7	25	mg/m <sup>3</sup>
		Sulfuric acid mist	<2.5	100	mg/m <sup>3</sup>
		Hydrogen chloride	<11	400	mg/m <sup>3</sup>
		Metals	0.0043	10	mg/m <sup>3</sup>
		Cyanide	0.15	0.5	mg/m <sup>3</sup>
		Gaseous fluoride	0.047	2	mg/m <sup>3</sup>
		Total oxides of nitrogen	9	2500	mg/m <sup>3</sup>
		Carbon monoxide	4	100	ppm
Monitoring Point 2 (Stack 2)	29 Jun 2016	Total particulate	0.4	35	mg/m <sup>3</sup>
Monitoring Point 3 (Stack 3)	29 Jun 2016	Total particulate	0.55	50	mg/m <sup>3</sup>
Monitoring Point 4 (Stack 4)	29 Jun 2016	Total particulate	1.9	24	mg/m <sup>3</sup>
Monitoring Point 13 (Stack 5)	24 Jun 2016	Metals	0.095	5	mg/m <sup>3</sup>
		Volatile organic compounds	0.3	77	mg/m <sup>3</sup>
		Hydrogen chloride	<9.2	10	mg/m <sup>3</sup>
		Total fluoride	0.038	NL	mg/m <sup>3</sup>
		Sulfuric acid mist	<2.6	100	mg/m <sup>3</sup>
		Dioxins and furans	0.0319 <sup>*1</sup>	0.1 <sup>*2</sup>	ng/m <sup>3</sup>
		Total oxides of nitrogen	5	100	mg/m <sup>3</sup>
		Carbon monoxide	18	125	mg/m <sup>3</sup>
Total particulate	0.28	10	mg/m <sup>3</sup>		
Monitoring Point 14 (Stack 6)	01 Jul 2016	Total Particulate	8.9 <sup>*3</sup>	10 <sup>*4</sup>	mg/m <sup>3</sup>
		Total oxides of nitrogen	26	NL	mg/m <sup>3</sup>
		Carbon monoxide	1	NL	mg/m <sup>3</sup>
Monitoring Point 15 (Stack 7)	03 Aug 2016	Total particulate	13	15	mg/m <sup>3</sup>

**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**