



<b>Reported:</b>	17 December 2015	<b>Published:</b>	24 December 2015
<b>Licensee:</b>	Weston Aluminium Pty Limited	<b>Address:</b>	129 Mitchell Avenue, Kurri Kurri NSW, 2327
<b>Frequency:</b>	Quarterly (as processed)	<b>Event:</b>	Mixed SPL Processing Trial Emission Assessment
<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**  
 Nil

Monitoring Location	Date Sampled	Measured Levels			
		Pollutant	Measurement	Limit	Unit
Monitoring Point 1 (Stack 1)	05 Nov 2015	Carbon monoxide	20	100	ppm
		Chlorine	<7.5	NL	mg/m <sup>3</sup>
		Cyanide	0.038	0.5	mg/m <sup>3</sup>
		Fine particulates	<0.16	NL	mg/m <sup>3</sup>
		Gaseous fluoride	0.47	2	mg/m <sup>3</sup>
		Hydrogen chloride	<15	400	mg/m <sup>3</sup>
		Oxides of nitrogen (as NO <sub>2</sub> )	4	2500	mg/m <sup>3</sup>
		Oxygen	20.4	NL	%
		Particulate fluoride	0.28	NL	mg/m <sup>3</sup>
		Sulfur dioxide (SO <sub>2</sub> as SO <sub>3</sub> )	<9.9	NL	mg/m <sup>3</sup>
		Sulfuric acid mist (H <sub>2</sub> SO <sub>4</sub> as SO <sub>3</sub> )	<2	100	mg/m <sup>3</sup>
		Total particulate	0.75	25	mg/m <sup>3</sup>
		Total polycyclic aromatic hydrocarbons	0.044	NL	mg/m <sup>3</sup>
		Metals	0.084	10	mg/m <sup>3</sup>
		Volatile organic compounds	<0.6	NL	mg/m <sup>3</sup>
		Stack velocity (stack conditions)	13	NA	m/s
Volumetric flow rate (STP, dry)	23	NA	m <sup>3</sup> /s		
Temperature	53	NA	°C		
Gas density	1.29	NA	kg/m <sup>3</sup>		

**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