



<b>Reported:</b>	2 October 2015	<b>Published:</b>	6 October 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)	04 Aug 2015	Carbon monoxide	14	100	ppm
		Chlorine	<2	NL	mg/m <sup>3</sup>
		Cyanide	<0.012	0.5	mg/m <sup>3</sup>
		Fine particulates	0.16	NL	mg/m <sup>3</sup>
		Gaseous fluoride	0.012	2	mg/m <sup>3</sup>
		Hydrogen chloride	<2	400	mg/m <sup>3</sup>
		Oxides of nitrogen (as NO2)	3	2500	mg/m <sup>3</sup>
		Oxygen	20.4	NL	%
		Particulate fluoride	0.009	NL	mg/m <sup>3</sup>
		Sulfur dioxide (SO2 as SO3)	<10	NL	mg/m <sup>3</sup>
		Sulfuric acid mist (H2SO4 as SO3)	<2	100	mg/m <sup>3</sup>
		Total particulate	0.7	25	mg/m <sup>3</sup>
		Total polycyclic aromatic hydrocarbons	0.012	NL	mg/m <sup>3</sup>
		Metals	0.012	10	mg/m <sup>3</sup>
		Volatile organic compounds	<0.35	NL	mg/m <sup>3</sup>
		Stack velocity (stack conditions)	14	NA	m/s
		Volumetric flow rate (STP, dry)	24	NA	m <sup>3</sup> /s
Temperature	66	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