

**Reported:** 13 November 2012    **Published:** 27 November 2012    **Licensee:** Weston Aluminium Pty Limited    **EPL No:** 6423

**Qualifications related to noise limits**

The noise limits do not apply when wind speed is greater than 3 m/s at 10 m above ground or in temperature inversion conditions up to 3°C/100 m with wind speeds greater than 2 m/s at 10 m above ground level or in temperature inversion conditions greater than 3°C/100 m.

Location	Date	Start Time	Measurement Period (min)	Measured Levels (dB(A))		Modelled Licensee contribution (dB(A))		Limits (dB(A))	Weather	Comments	
				Leq (15 min)	L1 (1 min)	Leq (15 min)	L1 (1 min)			Observations	(Potential) non-compliance/breach
Cnr Government & Tenth Streets	6 Nov 2012	1058	15	inaudible				<b>Day</b> 48 Leq(15 min) <b>Evening</b> 48 Leq(15 min) 40 Leq(evening) <b>Night</b> 47 Leq(15 min) 35 Leq(night) 57 L1(1 min)	Wind at ground level 2m/s NE Wind at ground level 1.5 m/s S Wind at ground level 2 m/s S	Traffic and noise from other industries dominated. WA inaudible during the day and barely audible during the evening and night time periods. L1 (1 min) noise from WA not discernible	Nil
		2000	15	<25	<30	34	42				
		2206	15 & 1	<25							
Northcote Street	6 Nov 2012	1020	15	inaudible				<b>Day</b> 44 Leq (15 min) <b>Evening</b> 44 Leq (15 min) <b>Night</b> 44 Leq (15 min) 40 Leq (night) 57 L1 (1 min)	Wind at ground level 1.5 m/s NE Wind at ground level 2 m/s S Wind at ground level 2 m/s S	Traffic and noise from other industries and birds & insects dominated. WA inaudible during the day and barely audible during the evening and night time periods. L1 (1 min) noise from WA not discernible	Nil
		2100	15	<25	<30	30	34				
		2225	15 & 1	<25							
Mitchell & Railway Avenues	6 Nov 2012	1040	15	<30				<b>Day</b> 43 Leq (15 min) <b>Evening</b> 43 Leq (15 min) <b>Night</b> 43 Leq (15 min) 41 Leq (night) 55 L1 (1 min)	Wind at ground level 2m/s NE Wind at ground level 2 m/s S Wind at ground level 2 m/s S	Traffic and noise from other industries dominated. WA audible during the day but other noise sources almost constant and WA contribution could not be measured. In the evening the measured noise from WA was 33 dB(A) Leq and at night it was 32 dB(A) Leq. L1 (1 min) noise from WA not discernible	Nil
		2117	15	33	<40	35	39				
		2242	15 & 1	32							

NOTE: Noise levels measured at site boundary and modelled to receiver based on worst case atmospheric conditions