

## NOISE MONITORING LICENSE REQUIREMENTS

### L6 Noise Limits

L6.1 Noise from the premises must not exceed the following levels:

Location	Day	Evening	Night	Sleep disturbance
	6am to 6pm	6pm to 10pm	10pm to 6am	10pm to 7am
	$L_{Aeq(15\text{ minute})}$	$L_{Aeq(15\text{ minute})}$	$L_{Aeq(15\text{ minute})}$	$L_{A1(1\text{ minute})}$
Residences inside industrial interface	54dB(A)	47dB(A)	47dB(A)	63dB(A)
Residences outside industrial interface	49dB(A)	43dB(A)	42dB(A)	50dB(A)

L6.2 For the purpose of assessing compliance with  $L_{Aeq(15\text{ minute})}$  noise limits specified in Condition L6.1, noise from the premises is to be measured or computed at the most noise-affected point at any point within one metre of the boundary of the most affected receiver.

For the purpose of assessing compliance with  $L_{A1(1\text{ minute})}$  noise limits for sleep disturbance specified in Condition L6.1, noise from the premises is to be measured or computed at the most noise-affected point at any point within one metre of the façade to any bedroom of the most affected receiver.

For the purpose of assessing compliance with  $L_{Aeq(15\text{ minute})}$  and  $L_{A1(1\text{ minute})}$  noise limits specified in Condition L6.1, the industrial interface boundary is the dashed line as shown in Figure 1 of *Environmental Noise Impact Report Version 2, Austral Punchbowl* dated December 2001 prepared by Claus Environmental Engineering. Residences inside the industrial interface are those located closer to the Austral site than the dashed line. Residences outside the industrial interface are those located on or outside the dashed line.

For the purpose of the noise limits for Condition L6.1, 5 dB(A) must be added to the measured level if the noise is tonal, impulsive, intermittent or low frequency in nature. Where two or more of these characteristics are present the maximum addition to the measured noise level is limited to 10dB(A).