

# Appendix 8.1 Noise Assessment Terminology

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## Glossary

Terms used in this assessment are defined below:

Noise	unwanted sound
Immissions	incoming sound at a receptor location, as opposed to “emissions”
dB	decibel, the unit of measurement of sound
A-weighting	a frequency-dependent filter applied to measured sound levels which approximates the response of the human ear
$L_{Aeq,T}$	the equivalent continuous A-weighted sound pressure level over the time interval, T. Commonly referred to as the “ambient” level
$L_{A90,T}$	A-weighted sound pressure level that is exceeded for 90% of a given time interval, T. Commonly referred to as the “background” level
$L_{A10,T}$	A-weighted sound pressure level that is exceeded for 10% of a given time interval, T
Specific sound level, $L_s = L_{Aeq,T}$	equivalent continuous A-weighted sound pressure level produced by the sound source being assessed at the assessment location over the time interval, T

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