

- (E6) Prior to undertaking petroleum activities that will result in short-term, medium-term or long term noise events that are likely to impact on a **sensitive receptor**, the holder of this environmental authority must model or calculate any potential noise emissions from the relevant petroleum activity(ies) to ensure that noise emissions will not exceed the noise levels specified in *Schedule E Table 1 – Noise Limits at Sensitive Receptors*.
- (E7) The emission of noise from the petroleum activity(ies) authorised under this environmental authority must not result in levels greater than those specified in *Schedule E Table 1 – Noise Limits at Sensitive Receptors* in the event of a **valid complaint about noise being made to the administering authority**.

Schedule E, Table 1 – Noise Limits at Sensitive Receptors

Time Period	Metric	Short Term Noise Event	Medium Term Noise Event	Long Term Noise Event
7:00 am – 6:00 pm	$L_{Aeq,adj,15\ min}$	45 dBA	43 dBA	40 dBA
6:00 pm – 10:00 pm	$L_{Aeq,adj,15\ min}$	40 dBA	38 dBA	35 dBA
10:00 pm – 6:00 am	$L_{Aeq,adj,15\ min}$	28 dBA	28 dBA	28 dBA
	Max $L_{pA, 15\ mins}$	55 dBA	55 dBA	55 dBA
6:00 am – 7:00 am	$L_{Aeq,adj,15\ min}$	40 dBA	38 dBA	35 dBA
Drilling activities undertaken from 10:00pm – 7:00am	$L_{Aeq,adj,15\ min}$	30 dBA (measured indoors at any sensitive receptor)		

Notes:

- L_{Aeq} and Max L_{pA} are to be measured over any 15 minute period
- The noise limits in Table 1 have been set based on the following deemed background noise levels * L_{ABG} :
 7:00 am – 6:00 pm: 35 dBA
 6:00 pm – 10:00 pm: 30 dBA
 10:00 pm – 6:00 am: 25 dBA
 6:00 am – 7:00 am: 30 dBA
- Reference should also be made to the Coal Seam Gas Procedural Guide – Control of Noise from Gasfield Activities for the determination of the noise limits.

- (E8) If the noise subject to a complaint is tonal or impulsive, the adjustments detailed in *Schedule E Table 2 – Adjustments to be Added to Noise Levels at Sensitive Receptors* are to be added to the measured noise level(s) to derive $L_{Aeq, adj, 15\ min}$.

Schedule E, Table 2 – Adjustments to be Added to Noise Levels at Sensitive Receptors

Noise Characteristic	Adjustment to Noise
Tonal characteristic is just audible	+ 2 dBA
Tonal characteristic is clearly audible	+ 5 dBA
Impulsive characteristic is just audible	+ 2 dBA
Impulsive characteristic is clearly audibly	+ 5 dBA

Note: Where the application of a tonal or impulsive adjustment as per Table 2 is unclear or is in dispute, refer to AS1055.1 Section 6.6 for a quantitative methodology to confirm the applicability of noise adjustments.

- (E9) Where alternative arrangements are in place with an affected person(s) at a **sensitive receptor** as referred to by condition (E4)(j), the noise limits in *Schedule E Table 1 – Noise Limits at Sensitive*

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