**Appendix B1**

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| **Common noise sources and their typical sound levels in dB(A)** |

This table can be used to compare noise in the workplace with sounds

that are as loud as or lounder than 85 dB(A).

(Reference - [Code of Practice “Managing noise and preventing hearing loss at work”](https://www.safework.sa.gov.au/resources/codes-of-practice))

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| --- | --- |
| **Typical sound level in dB(A)** | **Sound source** |
| 140 | Jet engine at 30 m |
| 130 | Rivet hammer (pain can be felt at this threshold) |
| 120 | Rock drill |
| 110 | Chainsaw |
| 100 | Sheet-metal workshop |
| 90 | Lawnmower |
| 85 | Front-end loader |
| 80 | Kerbside: Heavy traffic.  |
| 80 | Lathe |
| 70 | Loud conversation |
| 60 | Normal conversation |
| 40 | Quiet radio music |
| 30 | Whispering |
| 0 | Hearing threshold |

**Orchestral Noise**

For additional guidance and reference material for orchestral noise

Refer to the Journal of the Acoustical Society of America article by

Ian O’Brien (The Queensland Orchestra, The University of Queensland),

Wayne Wilson (School of Health and Rehabilitation Sciences, The University of Queensland)

Andrew Bradley (School of Information Technology and Electrical Engineering, The University of Queensland)

<https://www.researchgate.net/publication/23150632_Nature_of_orchestral_noise>

Which includes summarised data for Orchestra pits and various instruments.

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