

Environment	NR Curve	Recommended design sound level, dB(A)	
		Satisfactory	Maximum
Office Buildings	General open Offices, reception areas	40	45
	Conference rooms	30	40
	Executive Offices	35	40
	Foyers	45	
	Public Areas	45	50
	Computer rooms	45	50
	Undercover Carparks	50-60*	55
Hospital	Hospital wards	35	40
	Intensive care wards, operating theatres	30	45
	Laboratories	40	50
	Casualty areas	40	45
	Kitchens, sterilising and service areas	45	55
	Surgery, dental clinics and consulting rooms	40	45
	Waiting rooms and reception areas	45	50
Schools	Classrooms	35	45
	Lecture theatres without speech reinforcement	30	35
	Lecture theatres with speech reinforcement	-	45
	Conference rooms	30	40
	Assembly halls up to 250 seats	30	40
	Assembly halls over 250 seats	30	35
	Recreation halls	40	-
	Gymnasiums	40	55
	Laboratories (Working)	45	50
	Engineering workshops	45	60
	Music practice rooms / office areas	40	45
Radio and T.V. studios	Toilets, changing rooms and showers	45	55
	T.V. recording studios	20-25	Note 1*
Auditoriums and Music Halls	Audience studios	30	-
	Concert and opera halls	25	Note 1
	Music practice rooms	30	-
	Cabarets and theatre restaurants	-	40
	Lecture Halls	30	-
	Lobbies	40	-
Hotels / Motels	Dining rooms	40	45
	Restaurants	40	50
	Sleeping areas near major roads	35	40
	Sleeping areas near minor roads	35	35
	Kitchens and laundries	45	55
	Bars and lounges	45	50
Shop Buildings	Supermarkets	50	55
	Shopping malls	45	55
Public buildings	Municipal building administrative offices	35	40
	Library reading areas	35	45
Indoor sports buildings	Billiards and snooker rooms	45	45
	All other indoor sports with coaching	-	50
	All other indoor sports without coaching	-	55
	Gymnasiums, squash courts and bowling alleys	50	-
	Swimming pools	55	-
General Service areas for all buildings	Toilets	45	55
	Corridors	45	50
	Plant rooms	70	-

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The NR data is extracted from the Handbook which is available from the AIRAH Office at Level 7, 1 Elizabeth Street, Melbourne, Victoria, 3000.

More complete dB(A) data is available from AS/NZS 2107:2000 "Acoustics - Recommended design sound levels and reverberation times for building interiors."

Note 1: Specialist advice should be sought for these spaces.

* Added by Fantech