

Appendix M

Airport Noise Sensitive Activities

1. Buildings shall be designed to reduce the effects of aircraft noise in the internal environment in accordance with the table below. Nothing in the table shall preclude a building form having openings (e.g. windows) provided the attenuation of aircraft noise levels are achieved when the building is in a normally closed condition.

Indoor Design Sound Levels		
Building Type and Activity	Indoor Design and Sound Level	
	L _{max} dBA	L _{dn} dBA
Residential units		
Sleeping areas	55	40
Other habitable areas	65	50
Travellers' accommodation		
Relaxing or sleeping	55	40
Conference meeting rooms	55	40
Services activities	75	60
Education activities		
Libraries, study areas	55	40
Teaching areas, assembly areas	55	40
Workshops, gymnasias	75	60
Commercial activities, services and offices		
Conference	55	40
Private Offices	60	45
Drafting, open offices, exhibition spaces	65	50
Typing, data processing	70	55
Shops, supermarkets, showrooms	75	60
Health care facilities, day care facilities, rest homes, hospitals		
Sleeping areas	55	40
Other habitable areas	65	50

2. Prior to the issue by the Council of a Building Consent for any dwelling or any addition or alteration to a dwelling, an acoustic certificate shall be provided to the Council by a suitably qualified and experienced acoustic engineer to demonstrate that the building design will reduce aircraft noise to acceptable levels within habitable spaces.