

**TABLE A1**  
**ENCLOSURE GUIDELINES**

Enclosure type*	Net floor area per occupant † m <sup>2</sup>	Recommended Dilution Index			Comments
		Grade 1 amenity	Grade 2 amenity	Grade 3 amenity	
<i>Amusement centres</i>				Minimum value as per Tables 4.3 and 4.4.	See sports centres
<i>Beverage services</i>					See food services
<i>Churches</i>					See theatres
<i>Colleges</i>					See education
<i>Correction centres</i>					See prisons
<i>Dormitories</i>					See hotels
<i>Dry cleaners and laundries</i>					More air may be needed for laundries to satisfy exhaust air requirements
Commercial	10	5	3.5		Refer to the requirements of Section 5
Coin-operated dry cleaning	5	7.5	5		
Coin-operated laundries	5	7.5	5		
Pick-up areas	3.5	5	3.5		
Storage areas	3.5	3.5	3.5		
<i>Education</i>					
Classrooms serving occupants up to 16 years of age	2	7.5	5	Special case for activity (see Table 4.5)	
Classrooms serving occupants over 16 years of age	2	7.5	5	Value of DI 3.5 may be acceptable in severe climatic conditions	

*(continued)*

TABLE A1 (continued)

Enclosure type*	Net floor area per occupant † m <sup>2</sup>	Recommended Dilution Index			Comments
		Grade 1 amenity	Grade 2 amenity	Grade 3 amenity	
Laboratories	3.5	7.5	5	Minimum value as per Tables 4.3 and 4.4.	Special contaminant control systems may be required for processes or functions including laboratory animal occupancy
Libraries	5	7.5	5		
Locker rooms	2	7.5	5		
Lounges	1.5	7.5	5		
Music rooms	2	7.5	5		
Training shops	3.5	7.5	5		
<i>Food and drink services</i>					
Bars	1	5	3.5		
Cabarets	1.5	5	3.5		
Cafeterias	1	7.5	5		
Cocktail lounges	1	5	3.5		
Dining rooms	1.5	7.5	5		
Fast food outlets	1	7.5	5		
Food preparation, serving and storage	3.5	5	3.5		For cooking, see Section 5
<i>Funeral parlours</i>					
Chapels	0.6	7.5	5		
Embalming rooms	5	N/A	N/A		Air not to be recirculated into spaces
Reception rooms	1	7.5	5		
<i>General areas</i>					
Corridors		5	3.5		
Dressing rooms	2	7.5	5		
Fire control room		3.5	3.5		
Foyers		7.5	5		
Lobbies		7.5	5		
Locker rooms	2	7.5	5		
Pedestrian tunnels		5	3.5		
Ramps		5	3.5		
Rest rooms	1	7.5	5		
Stairs		5	3.5		For stairs, passageways, etc., used as a means of egress, see AS/NZS 1668.1
Switch & meter rooms		3.5	3.5		
Utility rooms		3.5	3.5		

(continued)

TABLE A1 (continued)

Enclosure type*	Net floor area per occupant † m <sup>2</sup>	Recommended Dilution Index			Comments
		Grade 1 amenity	Grade 2 amenity	Grade 3 amenity	
<i>Health care</i>				Minimum value as per Tables 4.3 and 4.4.	Applies to convalescent homes, dentists, doctors, hospitals, nursing homes, and the like. For special requirements for particular enclosures, see Section 6
Amphitheatres	0.6	7.5	5		
Autopsy rooms	5	N/A	N/A		
Consultation rooms	3.5	7.5	7.5		Procedure generating contaminations may require higher rates, laminar flow or dedicated systems
Delivery rooms	5	N/A	N/A		
Intensive care rooms	5	N/A	N/A		
Operating rooms	10	N/A	N/A		
Patient rooms	10	7.5	5		
Recovery rooms	5	N/A	N/A		
Waiting areas	1.5	7.5	5		
<i>Hotels, motels, resorts</i>					
Assembly rooms (large)	1	7.5	5		
Bedrooms (single, double)	10	7.5	5		
Conference rooms (small)	2	7.5	5		
Dormitories		7.5	5		
Gambling casinos	1.5	5	3.5		
Living rooms (suites)	5	7.5	5		
Lobbies	3.5	7.5	5		
<i>Laundries</i>					See dry cleaners
<i>Merchandising</i>					General requirements (apply to all forms unless separately listed)
Arcades	5	7.5	5		
Dispatch areas	10	5	3.5		
Fitting enclosures	1	7.5	5		
Kiosks	1	7.5	5		
Malls	5	7.5	5		
Receiving areas	10	5	3.5		
<i>Sales floors or showrooms</i>					
Basement and street floors	3.5	7.5	5		
Upper floors	5	7.5	5		

(continued)

TABLE A1 (continued)

Enclosure type*	Net floor area per occupant † m <sup>2</sup>	Recommended Dilution Index			Comments
		Grade 1 amenity	Grade 2 amenity	Grade 3 amenity	
Storage areas (serving sales and storerooms)	10	3.5	3.5	Minimum value as per Tables 4.3 and 4.4.	
Warehouses	20	N/A	N/A		See Clause 7.6.5
<i>Motels</i>					See hotels
<i>Museums</i>					
Exhibit halls	1.5	7.5	5		
Warehouses	20	N/A	N/A		
<i>Offices</i>					
Art rooms	5	7.5	5		
Boardrooms	1	10	7.5		
Committee rooms	1	7.5	5		
Computer rooms	25	7.5	5		
Conference rooms	1	7.5	5		
Drafting rooms	5	7.5	5		
Office areas	10	7.5	5		
Waiting areas	2	7.5	5		
<i>Prisons</i>					
Cell blocks	5	7.5	5		
Eating halls	1.5	7.5	5		
Guard stations	2.5	7.5	5		
<i>Residential</i>					
Private dwellings					Private dwelling places, multiple or single high or low rise
Bedrooms	10	7.5	5		
Living areas and general	10	7.5			
<i>Other dwellings</i>					
Boarding houses		7.5	5		See hotels
Guest houses		7.5	5		See hotels
Hostels		7.5	5		See hotels
Mobile homes		7.5	5		
<i>Resorts</i>					See hotels
<i>Schools</i>					See education
<i>Speciality services</i>					
Animal rooms		N/A	N/A	Special case	
Barber shops	4	7.5	5		
Beauty salons	4	7.5	5		
Broadcasting studios	1.5	7.5	5		

(continued)

TABLE A1 (continued)

Enclosure type*	Net floor area per occupant † m <sup>2</sup>	Recommended Dilution Index			Comments
		Grade 1 amenity	Grade 2 amenity	Grade 3 amenity	
Electrical meter, switch rooms					
Exercise rooms	5	5	3.5		
Florists	10	7.5	5		
Greenhouses	100	7.5	5		
Hairdressers	4	7.5	5		Special case
Health spas	5	N/A	N/A		Special case
PABX rooms		N/A	N/A		Special case
Pet shops		N/A	N/A		Special case
Press booths, lounges	1	7.5	5		
Radio booths	1.5	7.5	5		
Reducing salons	5	7.5	5		
Saunas		N/A	N/A		Special case
Shoe repair shops (combined workrooms trade areas)	10	7.5	5		
Steam rooms		N/A	N/A		Special case
Survival shelters	1	N/A	N/A		Special case
Telephone main distribution frame (MDF) rooms	10	7.5	5		
Television booths	1.5	7.5	5		
<i>Sports and amusement centres</i>					
Ballrooms	1.5	5	3.5		
Bowling alleys (see areas)	1.5	5	3.5		
Discotheques	1.0	5	3.5		
Games rooms	1.5	7.5	5		Amusement machines, billiards, cards, and the like
Brothels	5	7.5	5		
Locker rooms	2	7.5	5		
Playing floors	3.5	5	3.5		Cricket, gymnasiums, ice skating, roller skating, squash, tennis, and the like
Spectator areas (general)	0.6	7.5	5		
Swimming pools, deck and pool areas	3.5	5	3.5		Ventilation may be needed for humidity control

Minimum value as per Tables 4.3 and 4.4.

(continued)

TABLE A1 (continued)

Enclosure type*	Net floor area per occupant † m <sup>2</sup>	Recommended Dilution Index			Comments
		Grade 1 amenity	Grade 2 amenity	Grade 3 amenity	
Spectator areas (pool)	1.5	7.5	5	Minimum value as per Tables 4.3 and 4.4.	
<i>Temples</i>					
<i>Theatres</i>					
Auditoriums	0.6	7.5	5		
Concert halls	0.6	7.5	5		
Foyers	0.6	7.5	5		
Green rooms	5	7.5	5		
Lecture halls	0.6	7.5	5		
Lobbies	0.6	7.5	5		
Opera halls	0.6	7.5	5		
Stages and studios	1.5	7.5	5		Special ventilation will be needed to eliminate special effects, e.g., dry ice vapours, mists, and the like, used in stage or studio productions
Ticket booths		7.5	5		
<i>Transportation centres</i>					
Baggage areas	1.5	7.5	5		
Concourses	0.6	7.5	5		
Corridors	1.5	3.5	3.5		
Gate areas	1.5	7.5	5		
Hangars	50	5	3.5		
Platforms	0.6	7.5	5		
Ticket areas	1.5	7.5	5		
Waiting rooms	2	7.5	5		
Air traffic control		10	7.5		5 L/s per m <sup>2</sup> required
<i>Veterinary centres</i>					
Kennels		N/A	N/A		Special case
Operating rooms		N/A	N/A		Special case
Reception rooms		7.5	5		Special case
Stalls		N/A	N/A		Special case
<i>Workrooms</i>					This requirement covers continuous occupancy. When occupancy is intermittent, infiltration may provide sufficient natural ventilation
Bank vaults	10	7.5	5		Emergency provisions may be needed
Industrial process		N/A	N/A		Special case
Meat processing	10	N/A	N/A	Special case	

(continued)

TABLE A1 (continued)

Enclosure type*	Net floor area per occupant † m <sup>2</sup>	Recommended Dilution Index			Comments
		Grade 1 amenity	Grade 2 amenity	Grade 3 amenity	
Pharmacists	5	7.5	5	Minimum value as per Tables 4.3 and 4.4.	
Photography		7.5	5		Installed equipment may require exhaust, to control contamination
Camera rooms	10	7.5	5		
Darkrooms	10	7.5	5		
Duplicating rooms	3.5	7.5	5		
Printing rooms	3.5	7.5	5		
Refrigerated rooms		N/A	N/A		Special case
Strongrooms		7.5	5		Same as bank vaults
Voucher storerooms		7.5	5		Same as bank vaults

\* Where an enclosure type is only listed under one building type, the values given apply to that type of enclosure in all building types.

† This column applies where the number of occupants is not nominated, see Clause 4.2.2.

NOTES:

- 1 Enclosure types listed are typical. Omission of an applicable enclosure from the Table does not obviate the need to comply, in principle, with this Standard (see Clause 4.1).
- 2 The values of net floor area per occupant are approximate and conservative.
- 3 The tabulated values are a consensus judgment of the minimum dilution indices necessary to meet the community's expectations for high, medium and low specification buildings, based on normally bathed, cleanly clothed occupants. Where unusual occupation or hygiene is expected, some appropriate increases should be made. In general, the values are in excess of the requirement needed to ensure healthy breathing or maintain acceptable levels of oxygen, carbon dioxide and the like.
- 4 In some cases, the area per occupant is greater than existing regulation for determination of exits and similar since ventilation needs are based on a time integrated requirement.