

## Accessible Bedrooms in Non-Domestic Buildings (NBC B-17)

- The access to accessible bedrooms in non-domestic buildings (that is hotels, guesthouses, etc) shall comply with the requirements outlined in NBC Annexure B and in particular with **B-4** and **B-5**.
- The minimum number of accessible bedrooms in non-domestic buildings shall be in accordance with **Table 8**.

### NBC 13.5 Table 8

- Minimum five percent of the total rooms including their toilet room, shower room, balcony, etc, shall be accessible and preferably be provided on the ground floor for ease of evacuation in case of an emergency.
- All other rooms shall have universal design features (without specific adaptations like handrails/grab bars, etc). This would include minimum clear door widths of **900 mm** of all entrances including those of sanitary rooms and balcony areas; and minimum passage width or **1200 mm** in the rooms and required turning radius.

### Bedroom - Twin Occupancy (PwD + carer) (NBC B-17 para 2)

Rooms accessible for wheelchair users shall be designed for two single beds will be provided (**1070 mm wide x 2000 mm long**).

### Bedroom - Single Occupancy (NBC B-17 para 2)

- If a single bedroom accessible for wheelchair users is provided, a "Queen" size bed is preferred, **1500 mm width x 2000 mm length**.

### Bed Height (NBC B-17 para 7)

- The minimum height of a bed shall be between **450 to 500 mm**, when it is compressed under a **90 kg weight**.

### Clear Manoeuvring Space (NBC B-17 para 5)

- Free space on at least one of the long sides of the bed shall be provided. This space should be **1500 mm**, and shall not be less than **1200 mm**. At the foot of the bed, at least **1200 mm** is required (see Fig. 93 and Fig. 94).
- Sufficient clear manoeuvring space is needed to gain access to facilities, including the shower.

### Other Facilities (NBC B-17 para 6 & 8)

- There should be a bench for luggage at a height between **450 to 650 mm**.
- Visual and audible alarm systems shall be accessible to warn people with visual and hearing impairments.
- For communication for people with hearing, vision and cognitive limitations, see **B-21**.

### Attached Bathroom (NBC B-9)

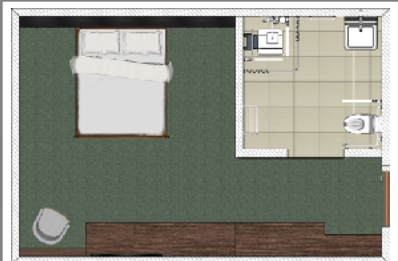
An en-suite accessible bathroom should be provided. See AS.01.10 Datasheet - Bathroom

<p><b>Number of accessible bedrooms:</b> The number of accessible bedrooms shall be determined as follows:</p> <p>1. The number of accessible bedrooms shall be determined as follows:</p> <p>2. The number of accessible bedrooms shall be determined as follows:</p> <p>3. The number of accessible bedrooms shall be determined as follows:</p> <p>4. The number of accessible bedrooms shall be determined as follows:</p>	<p><b>Minimum five percent of the total rooms including their toilet room, shower room, balcony, etc, shall be accessible and preferably be provided on the ground floor for ease of evacuation in case of an emergency.</b></p> <p><b>All other rooms shall have universal design features (without specific adaptations like handrails/grab bars, etc). This would include minimum clear door widths of 900 mm of all entrances including those of sanitary rooms and balcony areas; and minimum passage width or 1200 mm in the rooms and required turning radius.</b></p>
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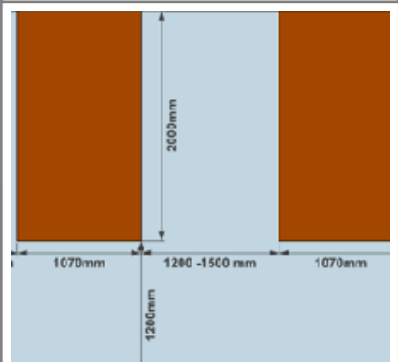
NBC 13.5 Table 8



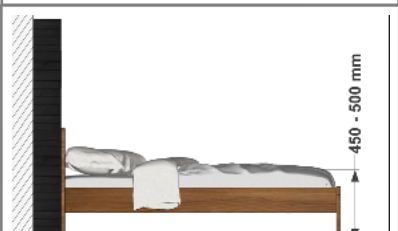
NBC B-17 para 2 Twin Occupancy



NBC B-17 para 2) Single Occupancy



NBC B-17 para 5 Access Space



Bed Height

Establishment Name Building Name		Address			
SN	Description	Required	Y/N	Actual	Notes
01 11. 01	Quota of Accessible Bedrooms	A minimum of <b>1 unit or 5%</b> which ever is greater.			
01 11. 02	Other bedrooms not for disabled	All additional rooms which are not fully accessible are accessible read (min <b>900 mm</b> door width etc).			
01 11. 03	Single Bed Size	1070 mm wide x 2000 mm long x 450 - 500 mm Height			
01 11. 04	Queen Bed Size	1500 mm wide x 2000 mm long x 450 - 500 mm Height			
01 11. 05	Minimum space next to bed	<b>1200 mm to 1500 mm</b> clear space.			
01 11. 06	Minimum space at end of bed	Minimum <b>1200 mm</b>			
01 11. 07	Bathroom Facilities	Provided an en-suite Accessible Bathroom as per <b>NBC B-9</b>			
01 11. 08	Luggage Shelf height	<b>450 - 650 mm</b> Heigh			
01 11. 09	Audible and Visual alarm for emergencies	Visual flashing beacon as well as audible alarm for emergency evacuations.			
01 11. 10	Other				