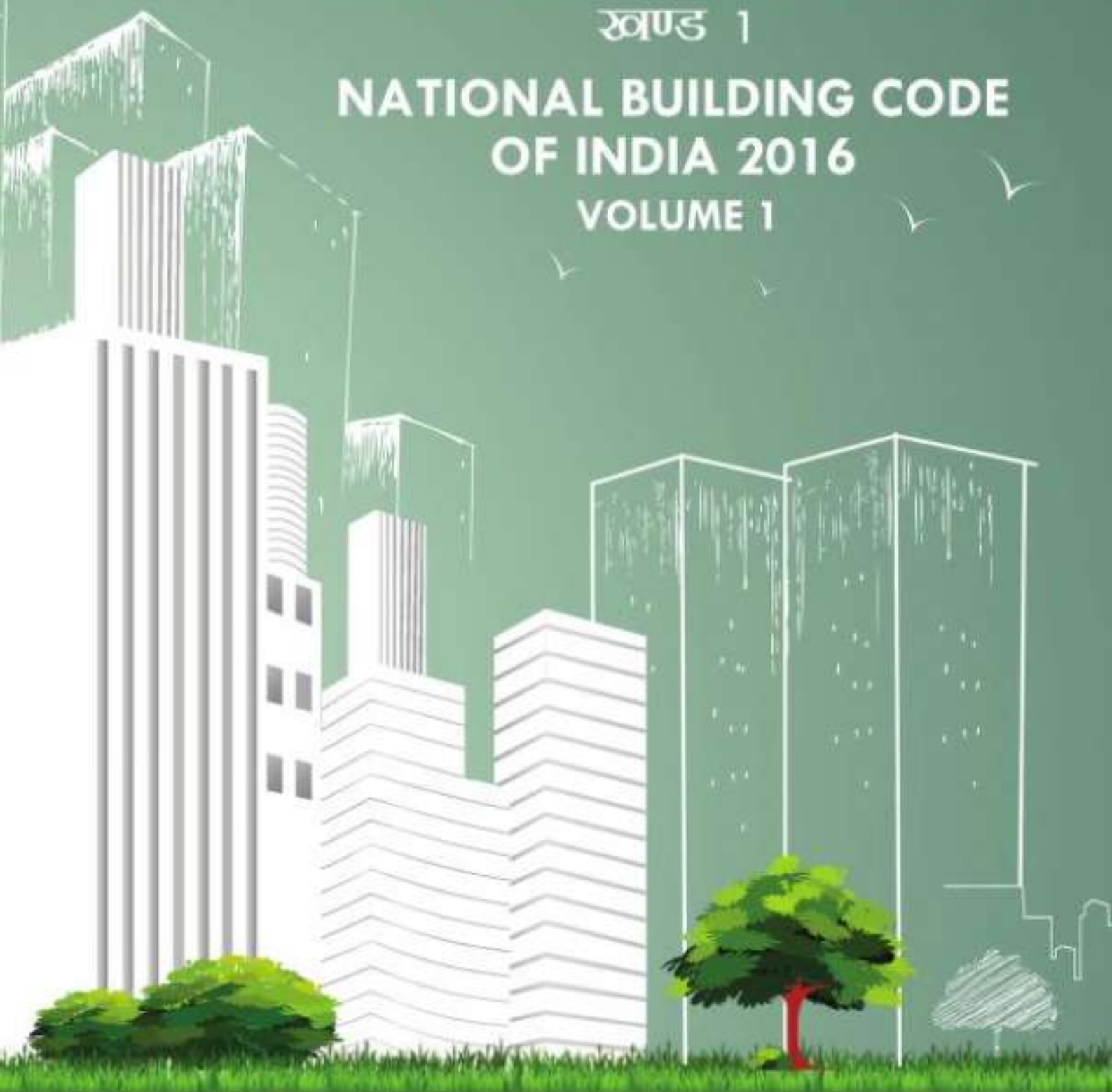


भारत की राष्ट्रीय  
भवन निर्माण संहिता 2016  
खण्ड 1

**NATIONAL BUILDING CODE  
OF INDIA 2016  
VOLUME 1**



भारतीय मानक ब्यूरो  
BUREAU OF INDIAN STANDARDS

#### 12.18.1.1 Minimum clear width

The following minimum width shall be provided for staircases for respective occupancies (*see* 7.1 and Part 4 'Fire and Life Safety' of the Code for classification of buildings based on occupancy):

- |  |          |
|--|----------|
| a) Residential (A-2)   | : 1.00 m |
| NOTE — For row housing with 2 storeys, the minimum width shall be 0.75 m.  |          |
| b) Residential (A-1, A-3 and A-4)  | : 1.25 m |
| c) Residential hotel (A-5 and A-6)   | : 1.50 m |
| d) Assembly  | : 2.00 m |
| NOTE — The width of stairs may be accepted to be 1.50 m in case of assembly occupancy having less than 150 persons |          |
| e) Educational   | : 1.50 m |
| f) Institutional   | : 2.00 m |
| g) All other occupancies   | : 1.50 m |

#### 12.18.1.2 Minimum tread

The minimum width of tread without nosing shall be 300 mm. However, for one or two family dwelling, it may be reduced to not less than 250 mm.

#### 12.18.1.3 Maximum riser

The maximum height of riser shall be 150 mm. However, for one or two family dwelling, it may be increased to not more than 190 mm. **The number of risers shall be limited to 12 per flight.**

**12.18.2** The minimum head-room in a passage under the landing of a staircase shall be 2.2 m. The minimum clear head-room in any staircase shall be 2.2 m.

#### 12.18.3 Exit Requirements

All aspects of exit requirements for corridors, doors, staircases, ramps, etc., in respect of widths, travel distance shall be as per Part 4 'Fire and Life Safety' of the Code.

#### 12.19 Roofs

roof water collection. In this context, reference shall be made to Part 9 'Plumbing Services (including Solid Waste Management)', Section 2 Drainage and Sanitation' of the Code.

### 13 REQUIREMENTS FOR ACCESSIBILITY IN BUILT ENVIRONMENT FOR ELDERLY AND PERSONS WITH DISABILITIES

#### 13.1 General

**13.1.1** These requirements deal with barrier free access to, movement within and around buildings, by the elderly persons and persons with disabilities who may have non-ambulatory disabilities, ambulatory disabilities, sight disabilities, hearing disabilities, disabilities of inco-ordination, ageing, allergies, heart and lung diseases, epilepsy, haemophilia, incontinence, enterostomy, etc.

It is intended to make all buildings and facilities used by the public accessible to, and usable by all people including those living with disabilities and may include those with inability to walk or difficulty in walking, reliance on walking/mobility aids, blindness and visual impairments, speech and hearing impairments, inco-ordination of motor movements, reaching and manipulation, lack of stamina, difficulty in interpretation and reacting to sensory information and extremes in physical sizes. It supplements the general requirements of this Part of the Code, and reflects greater concern for safety of life and limb of every resident irrespective of age, gender or abilities.

**13.1.2** These requirements apply to all buildings and facilities open to and used by the public. These shall also apply to all forms of public housing by the government/civic bodies or private developers. It does not apply to private residences. For extent of application of requirements covered under 13 to different building occupancy types, reference shall be made to 13.5.