

PART I
Chapter 3
Abbreviations

7. Abbreviations of names and words.—(1) Names of institutions, organizations and professional societies referred to in this Code are listed below in an alphabetical order, namely :—

ACI	American Concrete Institute; Box 19150, Redford Station, Detroit, MI 48219, USA.
AISC	American Institute of Steel Construction, Inc.; 400 North Michigan Avenue, Chicago, IL 60611, USA.
AISE	Association of Iron and Steel Engineers; Suite 2350, Three Gateway Center, Pittsburgh, PA 15222, USA.
AISI	American Iron and Steel Institute; Suite 300, 1133 15th Street N.W., Washington, DC 20005, USA.
ANSI	American National Standards Institute; 1430 Broadway, New York, NY 10018, USA.
ASHRAE	American Society of Heating, Refrigerating and Air-conditioning Engineers, Inc.; 345 East 47 th Street, New York, NY 10017, USA.
ASME	American Society of Mechanical Engineers; United Engineering Centre, 345 East 47 th Street, New York, NY 10017, USA.
ASTM	American Society for Testing and Materials; 1916 Race Street, Philadelphia, PA 19103, USA.
AWS	American Welding Society; 550 N.W. LeJeune Rd., P.O. Box 351040, Miami, FL 33135, USA.
BIP	Bangladesh Institute of Planners, Planner's Tower (Level-7), 13/A, Bir Uttam C.R. Datta (Sonargaon) Road, Bangla Motor, Dhaka-1000, Bangladesh.
BOCA	Building Officials and Code Administrators International Inc.; 1313 East 60th Street, Chicago, IL 60637, USA.
BPDB	Bangladesh Power Development Board; WAPDA Building, Motijheel Commercial Area, Dhaka-1000, Bangladesh.
BSI	British Standards Institution; 2 Park Street, London W1A 2BS, UK.
BSTI	Bangladesh Standards and Testing Institution; 116A Tejgaon Industrial Area, Dhaka-1208, Bangladesh.
BWDB	Bangladesh Water Development Board; WAPDA Building, Motijheel Commercial Area, Dhaka-1000, Bangladesh.

CDA	Chittagong Development Authority; Station Road, Chittagong, Bangladesh.
CGSM	Canadian General Standards Board; Technical Information Unit, Ottawa, CANADA K1A 1G6.
DOA	Department of Architecture; Sthapatya Bhaban, Shahid Capt. Mansur Ali Sarani, Segunbagicha, Dhaka-1000, Bangladesh.
DPHE	Department of Public Health Engineering; DPHE Bhaban, 14, Shaheed Captain Mansur Ali Sarani, Kakrail, Dhaka-1000, Bangladesh.
EED	Education Engineering Department; Shikkha Bhaban, Dhaka-1000, Bangladesh.
HED	Health Engineering Department; Ministry of Health and Family Welfare, 105-106, Motijheel C/A, Dhaka-1000, Bangladesh.
FM	Factory Manual; Standards Laboratories Department, 1151 Boston Providence Turnpike, Norwood, MA 02062, USA.
FSCD	Fire Service and Civil Defence, Kazi Alauddin Road, Dhaka-1000, Bangladesh.
HBRI	Housing and Building Research Institute, 120/3, Darus-Salam, Mirpur, Dhaka, Bangladesh.
IAB	Institute of Architects Bangladesh, Plot-11, Block-E, Road-7, Sher-e-Bangla Nagar, Agargaon, Dhaka.
IEB	The Institution of Engineers, Bangladesh, Ramna, Dhaka-1000.
IDEB	Institution of Diploma Engineers, Bangladesh, IDEB Bhaban, 160/A, Kakrail VIP Road, Dhaka-1000.
ICBO	International Conference of Building Officials, 5360 South Workman Mill Road, Whittier, CA 90601, USA.
ISO	International Organization for Standardization, 1, Rue de Varembe, Case Postal 56, CH-1211, Genève 20, Switzerland.
ISSMFE	International Society of Soil Mechanics and Foundation Engineering, University Engineering Department, Trumpington St, Cambridge CB21PZ, UK.
KDA	Khulna Development Authority, Shib Bari Crossing, Khulna-9100, Bangladesh.
LGED	Local Government Engineering Department, LGED Bhaban, Sher-e-Bangla Nagar, Agargaon, Dhaka-1207. Bangladesh.

NFPA	National Fire Protection Association, Batterymarch Park, Quincy, MA 02269, USA.
NHA	National Housing Authority, Grihayan Bhaban, 82, Segunbagicha, Dhaka, Bangladesh.
PWD	Public Works Department, Purto Bhaban, Shahid Capt. Mansur Ali Sarani, Segunbagicha; Dhaka-1000, Bangladesh.
RAJUK	Rajdhani Unnayan Kartripakkha, Rajuk Avenue, Motijheel, Dhaka-1000, Bangladesh.
RCSC	Research Council on Structural Connections of the Engineering Foundation, American Institute of Steel Construction (AISC).
RDA	Rajshahi Development Authority, Rajshahi-6203, Bangladesh.
RMA	Rubber Manufacturing Association, 1400 K Street N.W., Washington, DC 20005, USA.
SBCCI	Southern Building Code Congress International, 3617 8th Ave, S. Birmingham, AL 35222, USA.
SMACNA	Sheet Metal and Air Conditioning Contractors' National Association, 8224 Old Courthouse Road, Tysons Corner, Vienna, VA 22180, USA.
SPRI	Single Ply Roofing Institute, 104 Wilmont Road, Suite 201, Deerfield, IL 60015-5195, USA.
UDD	Urban Development Directorate, Ministry of Housing and Public Works, 82, Segunbagicha, Dhaka-1000, Bangladesh.
UL	Underwriters Laboratories Inc., 207 East Ohio Street, Chicago, IL 60611, USA.

(2) The abbreviations of words used in this Code are listed below in an alphabetical order. Abbreviations not explicitly defined herein below shall be construed to have their usual meaning as the context implies.

BDS	Bangladesh Standards; published by the BSTI
BNBC	Bangladesh National Building Code; published by HBRI
BS	British Standard; published by the BSI
CBF	Concentric Braced Frame
CFC	Chlorofluorocarbon

CGI	Corrugated Galvanized Iron
CWPC	Cold Drawn Low Carbon Wire Prestressed Concrete
DCP	Dry Chemical Powder (fire extinguisher)
DDT	Dichlorodiphenyltrichloroethane
DPC	Damp-proof Course
EBF	Eccentric Braced Frame
FAR	Floor Area Ratio
FM	Fineness Modulus
FPA	Flood Prone Area
GI	Galvanized Iron
IBC	International Building Code
IMRF	Intermediate Moment Resisting Frame
IS	Indian Standard; published by the Bureau of Indian Standards
LFD	Load Factor Design
LPG	Liquefied Petroleum Gas
MCSP	Multipurpose Cyclone Shelter Program
OMRF	Ordinary Moment Resisting Frame
RC	Reinforced Concrete
RS	Rolled Steel
RSJ	Rolled Steel Joist
SMRF	Special Moment Resisting Frame
SPA	Surge Prone Area
SRSS	Square Root of the Sum of the Squares
UBC	Uniform Building Code; published by the ICBO
WSD	Working Stress Design
cps	Cycles per second

PART II**Chapter 1****Purpose and Applicability**

8. Purpose.—The purpose of this Part is to relate the provisions of the Code to different documents for administration and enforcement of the Code and all legal issues shall be referred to the Building Construction Act, 1952.

9. Applicability.—The requirements of this Code shall be complied within any construction, addition, alteration or repair, use and occupancy, location, maintenance, demolition and removal of a building or structure or any appurtenances connected or attached to it as set forth herein below:

- (a) **Construction:** For construction of a new building, the provisions of this Code shall apply to its design and construction;
- (b) **Removal:** For removal of any portion or the whole of a building, the provisions of this Code shall apply to all parts of the building whether removed or not;
- (c) **Demolition:** For dismantling or demolition of any part or the whole of a building, the provisions of this Code shall apply to any remaining portion and to the work involved in the dismantling or demolition process;
- (d) **Alteration:** For alteration of a building, the provisions of this Code shall apply to the whole building whether existing or new. If the portion of the building to which the alteration is made is completely self-contained with respect to the facilities and safety measures required by this Code, the provisions of this Code shall apply only to that portion and not to the whole building.
- (e) **Maintenance:** Maintenance work shall be undertaken for all new and existing buildings and all parts thereof to continue their compliance with the provisions of this Code. All devices, equipment and safeguards installed as per the requirements of this Code shall be maintained in conformity with the edition of the Code under which installed. The owner of the building or his designated agent shall at all times be responsible for the safe and sanitary maintenance of the building or structure, its means of egress facilities and the safety devices, equipment and services installed therein. The Authorized Officer or his delegated persons as described in relevant documents mentioned in Chapter 2 may cause re-inspection of a building to determine its continued compliance with this Section.