



datta kare
associates
consulting engineers

APPENDIX -B3

STRUCTURAL LIABILITY CERTIFICATE

I, **Datta Kare, Opp. Carmelite Church, Malbhat, Margao, Goa. Registration No. SE/0003/2012** (Engineer/Structural Engineer) having been duly appointed as Engineer by **Shri Suhas Angle & Others** for carrying out structural design and supervision of the proposed construction of the Building (Block F) at **Margao**.

The plans for which have prepared by **Datta Kare, (Engineer/Structural Engineer)** in Plot bearing P.T.S. No. 159, chalta No. 1, within the jurisdiction of Municipal Council of Margao.

I do hereby certify as under:-

1. That I shall be responsible for the structural design and stability of the said building.
2. That the structural work shall be executed by the owner, as per the structural drawings prepared by me and under my supervision.
3. The provisions of the following BIS codes are made in the proposals;

IS: 456:2000 Code of Practice for Plain and Reinforced Concrete.
IS: 800-1984 Code of Practice for General Construction in Steel.
IS: 801-1975 Code of Practice for Use of Cold Formed Light Gauge Steel.
IS 875 (Part 2):1987 Design loads (other than earthquake) for buildings and structures Part 2 Imposed Loads
IS 875 (Part 3):1987 Design loads (other than earthquake) for buildings and structures Part 3 Wind Loads.
IS 875 (Part 4):1987 Design loads (other than earthquake) for buildings and structures Part 4 Snow Loads.
IS 875 (Part 5):1987 Design loads (other than earthquake) for buildings and structures Part 5 special loads and load combination
IS: 883:1966 "Code of Practice for Design of Structural Timber in Building.
IS: 1904:1987 "Code of Practice for Structural Safety of Buildings: Foundation
IS 1905:1987 "Code of Practice for Structural Safety of Buildings: Masonry Walls.
IS 2911 (Part 1): Section 1: 1979 "Code of Practice for Design and Construction of Pile Foundation Section 1 Part 1: Section 2 Based Cast-in-situ Piles Part 1: Section 3 Driven Precast Concrete Piles Part 1: Section 4 Based precast Concrete Piles Part 2: Timber Piles Part 3: Under Reamed Piles Part 4: Load Test on Piles.
IS 875 (3)-1987 "Code of Practice for Design Loads (other than Earthquake) for Buildings and Structures, Part 3, Wind Loads". Guidelines (Based on IS 875 (3)-1987) for improving the Cyclonic Resistance of Low rise houses and other building
IS: 1893-2002 "Criteria for Earthquake Resistant Design of Structures (Fifth Revision)".
IS: 13920-1993 "Ductile Detailing of Reinforced Concrete Structures subjected to Seismic Forces - Code of Practice".
IS: 4326-1993 "Earthquake Resistant Design and Construction of Buildings - Code of Practice (Second Revision)".
IS:13828-1993 "Improving Earthquake Resistance of Low Strength Masonry Buildings - Guidelines".
IS:13827-1993 "Improving Earthquake Resistance of Earthen Buildings Guidelines".
IS:13935-1993 "Repair and Seismic Strengthening of Buildings Guidelines".
IS 14458 (Part 1): 1998 Guidelines for retaining wall for hill area: Part 1 Selection of type of wall.
IS 14458 (Part 2): 1997 Guidelines for retaining wall for hill area: Part 2 Design of retaining/breast walls.
IS 14458 (Part 3): 1998 Guidelines for retaining wall for hill area: Part 3 Construction of dry stone walls.
IS 14496 (Part 2): 1998 Guidelines for preparation of landslide - Hazard zonation maps in mountainous terrains: Part 2 Macro-zonation.

This certificate is issued in respect of plans, one set of which is enclosed herewith, duly signed by the Architect/Engineer/Structural Engineer who has prepared the same.

Place:-Margao
Date:-18/12/2018

Datta R. Kare
BE(Civil), MTech(Indl Structures), MIE
TCP- SE/0003/2012
PWD-PWD/Engr./297/99
MIE-M-1439088

Datta

Signature of the Structural Engineer

Seal with Name, Address, Reg. No.

