

## L.13. Form No 11

### STRUCTURAL INSPECTION REPORT

(This form has to be completed by registered Structural Designer after his site Inspection and verification regarding compliance of all recommendation by the owner, which in the opinion of the registered structural designer are necessary for safety of the structure)

I. Description by title and location of the property including T.P.No., F.P.No.

etc. :

II. Name of the present owner:

III. Description of the structure:

Class I or Class II (Briefly describe the property in general and the structure in particular)

| (a) Function (b) Framed construction      |                                   |                                    |              |                 |                 |           |           |         |
|---|-----------------------------------|------------------------------------|--------------|-----------------|-----------------|-----------|-----------|---------|
|   | Residence (with or without shops) | Apartments (with or Without shops) | Office Bldg. | Shopping centre | School, College | Hostel    | Auditoria | Factory |
|   | 1                                 | 2                                  | 3            | 4               | 5               | 6         | 7         | 8       |
| A. Load bearing masonry wall construction |                                   |                                    |              |                 |                 |           |           |         |
| B. Framed structure                       |                                   |                                    |              |                 |                 |           |           |         |
| construction and structural materials     | Critical load bearing element     | Brick                              | RCC          | Stone           | Timber          | Steel     |           |         |
|   | Roof Floor                        | RCC                                | Timber       | RBC             | Steel           | Jack-arch |           |         |

1. Year of construction

Year of subsequent additions or rectification's (Please describe briefly the nature of additions or rectification's).

2. Date of last inspection report filed: Last filed by whom (This does not apply to the first report).

3. Soil on which building is founded

i) Any change subsequent to construction

ii) Nearby open excavation

iii) Nearby collection of water

iv) proximity of drain

v) underground water-tank

vi) R.W. Pipes out-lets

vii) Settlements

4. The Super-structure (R.C.C. Frame structure)

i) Crack in beam or column nature and extent of crack probable causes.

ii) Cover spell

iii) Exposure of reinforcement

iv) Subsequent damage by user for taking pipes, conduits, hanging, fans or any other fixtures, etc.

vi) Crack in slab

vii) Swelling of concrete or plaster of slab

viii) Corrosion of reinforcement

ix) Loads in excess of design loads