

FORM NO. 21
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

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	Apartm ents (with or without shops	Office Bldg.	Shopp - ing Centr e	Schoo l, Colle ge	Hostel	Audit oria	Factory
1	2	3	4	5	6	7	8	9
A. Load bearing masonry wall construction								
B. Framed structure Construction								
Construction and structural materials	Critical load bearing element	Brick	RCC	Stone	Timber	Steel		
	Roof Floor	RCC	Timber	RBC	Steel	Jackarch		

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

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

- VI. 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 :

- VII. 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) Spalling of concrete or plaster of slab :
 - viii) Corrosion of reinforcement :
 - ix) Loads in excess of design loads :

- VIII The Super-Structure
(Steel Structure)
 - i) Paintings :
 - ii) Corrosion :
 - iii) Joint, nuts, bolts, rivets, welds, gusset plates :
 - iv) Bending or buckling of members :
 - v) Base plate connections with columns or pedestals :
 - vi) Loading :

- IX. The Super-Structure (Load bearing masonry structure)
Cracks in masonry walls)
(Please describe some of the major cracks, their nature, :
extent and location, with a sketch, if necessary. :

X. Recommendations if any :
This is to certify that the above is a correct representation of facts as given to me by the owner and as determined by me after Site Inspection to the best of my ability and judgment.

The recommendations made by me to ensure adequate safety of the structure are compiled with by the owner to my entire satisfaction.

(Signature of the Registered Structural Engineer

Date: _____

Name of the registered structural Engineer:

Registration No.

Address: