

BHAVNAGAR



MUNICIPAL CORPORATION

FORM NO. 11

4565

## 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 is 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							
	Residem Ce (with or without shop	Apartn ents (with or without shops	Office Bldg.	Shopp ing center	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		
	Hoof Floor	RCC	Timber	RCC	Steel	jack arch		

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

Date of last inspection reports filed Last filed by whom (This dose not apply to the first report).

- VI Soil on which building is founded
- i) Any changes subsequent to construction
  - ii) Nearby open excavation
  - iii) Nearby collection of water
  - iv) proximity 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 cause.
- ii) Cover spall
- iii) Exposure of reinforcement;
- iv) subsequent damage by user for taking pipes, conduits, hanging, fans or any other fixtures etc.
- vi) Caick In slab
- vii) Swelling of concrete or Plsster of slab
- viii) Corrosion of reinforcement.
- iv) 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 connection with columns or pedestals
- vi) Loading

IX) The Super-Structure (Load bearing masonry structure Cracks in masonry walls) (Please describe some of the major crack 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 Designer and date)

Name of the registered structural designer.

Name of the registered structural designer

Registration No.

Address