Form 15: Structural Inspection Report

(Maintainance of Building - See Schedule 17)

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

No	Description	Information	Notes
1.	Title, Location and Address of the building including		
2.	Name of Present Owner		
3.	Name of Structural Engineer on Record		
4.	Use of the building		
5.	Year of construction		
	Year of subsequent additions		
	Nature of additions or alterations		
6.	Date of Last Inspection Report		
	SEOR for Last Inspection Report		
7.	Class 1 Building		
8.	Class 2 Building		
9.	Type of structure ƒ Load bearing walls ƒ R.C.C frame ƒ R.C.C frame and Shear walls ƒ Steel frame		
10.	Soil data ƒ Type of soil ƒ Design safe bearing capacity ƒ Any change subsequent to construction ƒ Any open excavation pit ƒ Any water body near by ƒ Proximity of drain ƒ Underground water tank ƒ Outlets of rain water pipes ƒ Settlements		IS: 1893 Cl. 6.3.5.2 IS: 1904

(a)	(b) Framed construction							
	Residence (with or	Apartments (with or	Office Bldg.	Shopping cen	School, College	Hostel	Audit-oria	Factory
	1	2	3	4	5	6	7	8
A. Load bearing masonry wall								
B. Frame								
construction and structural	Critical load bearing	Brick	RCC	Stone	Timber	Steel		
	Roof Floor	RCC	Timber	RBC	Steel	Jack-		

Part 2 Load bearing masonry buildings			
	Description	Information	Notes
1.	Building category		
2.	Any cracks in masonry walls		
	Extent of cracks		
	Location of cracks		
	Sketch of cracks, if necessary		
3.	Recommendations, if any		

Part 3 Reinforced Concrete framed buildings			
	Description	Information	Notes
1.	Type of Building		
2.	Any cracks in beams		
	Extent of cracks		
	Probable causes		
3.	Any cracks in columns		
	Extent of cracks		
	Probable causes		
4.	Any cracks in slab		
	Extent of cracks		
	Probable causes		
	Spilling of concrete or plaster of slab		
	Corrosion of Reinforcement		
5.	Cover Spell		

Part 3 Reinforced Concrete framed buildings			
	Description	Information	Notes
6.	Exposure of reinforcement		
7.	Subsequent damage by user for taking pipes, conduits, hanging fans or any other fixtures, etc.		
8.	Loads in excess of design loads		
9.	Recommendations, if any		

Part 4 Buildings in Structural Steel			
	Description	Information	Notes
1.	Building category		
2.	Painting		
3.	Corrosion		
4.	Joints, nuts, bolts, rivets, welds, gusset		
5.	Bending or buckling of members		
6.	Base plate connections with columns of pedestal		
7.	Loads in excess of design loads		
8.	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.

Name of the SEOR: ___
Registration No.: ___
Address: _____
_____

Tel. No.: _____

Signature: Date:
_____