

**CHECK LIST FOR SELF-APPRAISAL OF FIRE SAFETY IN  
MULTI STOREYED BUILDINGS**

S. No.	Item	Particulars to be furnished by marking ( )			Check Points
1	Name and address of Owner / Occupier and telephone Nos.				
2	Location and Address of the Building				
3	Area of Site (in sq. mtrs.)				
4	Type of Occupancy Residential/Educational/Business/Assembly/Institutional/Mercantile/Industrial/Storage/ Hazardous/Mixed Occupancy				
5	Height of the Building from abutting road level to terrace (in mtrs.)				
6	No. of Floors with Height (in mtrs.)				
7	Approximate No. of inhabitants / Occupants				
8	Total Built up area of the Building				
9	Details of No. of blocks with height and inter distance				
10	<b><u>Means of Escape</u></b>				
	a) No. of Internal Staircases				
	b) No. of External Staircases				
	c) Width of Internal Staircase				
	d) Width of External Staircase				
11	Whether No. of Internal Staircases provided comply with requirement of NBC of India (1 No. for every 22.5 mtrs. travel distance)	Yes	No	---	
12	Whether No. of External Staircases provided comply with requirement of NBC of India (Minimum 1)	Yes	No	---	

: 2 :

S. No	Item	Particulars to be furnished by marking ( )			Check Points
13	Whether Width of the Internal Staircases complies to requirement of NBC of India	Yes	No	---	
	Occupancy	Min.Width required			
	Residential	1 Mtrs.			
	Assembly & Institutional (Hospitals)	2 Mtrs.			
	All other buildings	1.5 Mtrs.			
14	Whether the min. width of External staircase i.e. 1 Mtr. as per NBC is provided.	Yes	No	---	
15	Whether Refuge Rooms (Between 24 meters to 39 meters height ) is provided ?	Yes	No	N.A.	
16	Whether Fire Tower (above 24 meters height )is provided ?	Yes	No	N.A.	
17	Whether Fire Lift (545 kg capacity ) is Provided ?	Yes	No	N.A.	
18	<b>Details of Basement</b>	Yes	No	---	
	a. Whether Min. 01 Entry is provided				
	b. Whether min. 01 Exit is provided	Yes	No	---	
	c. Whether Staircase width (1.5 Meters) is mentioned?	Yes	No	N.A.	
19	<b>Details of Terrace</b>				
	a) Whether Over head Tank for fire fighting is provided	Yes	No	---	
	b) Whether Roof Exits provided	Yes	No	N.A.	
	c) Whether Booster Pump provided	Yes	No	N.A.	
	d) Whether Cat walk to neighboring Building provided	Yes	No	N.A.	
20	Open spaces provided all around the building <b>(As per Regulation 10 of M.S.B. Regulations, 1981) in Mtrs. Min. Open spaces required are :</b> <b>15 mtrs. and above .. 6 mtrs., 16 mtrs. –6.4 mtrs., 19 mtrs. – 7.4 mtrs., 22 mtrs. – 8.4 mtrs.,</b> 25 Mtrs. – 9.4 Mtrs., 25 Mtrs. to 30 Mtrs. – 10 Mtrs.				
	North				
	East				
	West				
	South				

S. No	Item	Particulars to be furnished by marking ( )			Check Points
		Yes	No	---	
21	Whether Open Space in the North complies to M.S.B.R., 1981	Yes	No	---	
22	Whether Open Space in the East complies to M.S.B.R., 1981	Yes	No	---	
23	Whether Open Space in the South complies to M.S.B.R., 1981	Yes	No	---	
24	Whether Open Space in the West complies to M.S.B.R., 1981	Yes	No	---	
25	<u>Whether width of street abutting the Building (Clause 4.6 of part III) Residential (12 meters) is available</u> a. Residential 12 mtrs./Commercial/Mercantile upto 1000 Sq. mts.—Above 1000 Sq. mts. 12 mtrs – 18 mts.	Yes	No	---	
26	Whether Means of access to premises ( as per Part III 4.6 of N.B.C. 4.5 meters) (4.5 mtrs. One minimum ) is provided ?	Yes	No	---	
27	Fire Detection System (As per clause 7:10:2 Table 20) a. Whether Smoke detection system provided ?	Yes	No	N.A.	
	b)Whether Heat detection system provided ?	Yes	No	N.A.	
	c)Whether Gas flooding system provided ?	Yes	No	N.A.	
28	<b><u>Fire Alarm System ( As per Clause 7:10:2 Table 20 of Part IV of N.B.C.)</u></b> a) Whether Manually operated electrical alarm system provided ?	Yes	No	---	
	b) Whether Automatic ( 24 meters above ) alarm and detection system provided.	Yes	No	N.A.	
	c)Whether 01 Manual Call Point for 22.5 mtrs. Travel distance provided.	Yes	No	---	
29	Whether Wet Riser –cum-Down Comer ( As per Clause 7.10.2. Table 20 of Part IV of N.B.C. )is provided (One for every 1000 Sq. mtrs Built up area )	Yes	No	---	
30	Whether Open space around the building is levelled ?	Yes	No	---	
31	Whether Exit from premises ( 4.5 meters one Minimum) is provided ?	Yes	No	---	
32	Whether Automatic Fire fighting System ( As per Clause 7.10.2 Table 20 of Part IV of N.B.C.) Sprinkler system is provided in Basement/ Cellar ?	Yes	No	N.A.	
33	Whether Underground Static Water Tank ( As per Part IV Clause 7.10.6 Table 20 of N.B.C. of India ) (01 Lakh liters capacity) provided ?	Yes	No	---	

: 4 :

S. No.	Item	Particulars to be furnished by marking ( )			Check Points
		Yes	No	---	
34	Whether Fire Service Inlet One-4 Way Provided ?	Yes	No	---	
35	Whether Courtyard Hydrants ( As per Part IV clause 7.10.2 Table 20 of N.B.C. of India ) are provided ?	Yes	No	N.A.	
36	Whether Fire Pumps As per Part IV Clause 7.10.6 Table 20 of N.B.C. of India are provided ?				
	a) One Electrical Main Pump	Yes	No	---	
	b) One Diesel Main Pump	Yes	No	---	
	c) One Electrical Jockey Pump	Yes	No	---	
37	Transformer ( As per Part IV Appendix D-1 1.16 of N.B.C. of India) fire protection :				
	a. Whether 45 liters Foam Trolley is provided ?	Yes	No	N.A.	
	b. Whether Fencing around transformer is provided ?	Yes	No	N.A.	
	c. Whether Soak Pit is provided ?	Yes	No	N.A.	
38	Whether Lightning protection ( As per Part IV Appendix D-3 of N.B.C. of India (One) provided ?	Yes	No	---	
39	Whether Control Room ( As per Part IV Appendix D-3 of N.B.C. of India (One) is provided ?	Yes	No	N.A.	
40	Whether the Hydraulic Platform can be moved all around the building ?	Yes	No	---	
41	Whether minimum required fire safety measures as prescribed in Table 20 of NBC to this type of occupancy and height are provided ?	Yes	No	---	

Date :

Place :

(SIGNATURE)  
Owner/Management