

**CHECK LIST/SELF APPRAISAL OF FIRE SAFETY MEASURES IN
EDUCATIONAL BUILDINGS BELOW 6 METERS HEIGHT.**

A	Name and Address of the Educational Institute.			
B	Name and Address of the correspondent with contact No.			
C	Total number of floors in the building			
D	Total height of the Educational Institution Building in mtrs.			
E	Total built-up area of all floors			
1*	Whether the Educational Building is of permanent construction?	Yes	No	----
2*	Whether the Educational Institute is a Recognized/Registered one?	Yes	No	----
3*	TYPE OF CONSTRUCTION Whether the permanent educational building is not of TYPE 1/2/3/4 construction as per clause 4.1 of IS.14435:1997?	Yes	No	----
4*	Whether the educational Institution is housed in temporary structures with roofs of tent, thatched or any other combustible materials as per clause 4.2 of IS 14435:1997?	Yes	No	----
5*	Whether Residential /Hostel facility provided in the building	Yes	No	----
6*	OCCUPANT LOAD No. of Class rooms and students in: a) Ground Floor. b) First Floor.	Yes	No	----
7*	ARRANGEMENTS OF EXITS Whether the First floor of the educational building is provided with minimum one Stair Case for travel distance of every 30 meters (TYPE 1 & 2 constructions) as per table 22 under clause 4.4.1, 4.5.1 and 4.5.2, Part 4 of NBC, 2005? NOTE: For TYPE 3 & 4 constructions the travel distance is 22.5 Meters.	Yes	No	----

8*	Whether the minimum number of two separate exits are provided for each floor as per clause 6.2 of IS 14435:1997?	Yes	No	----
9*	DOORWAYS Whether every room with a capacity of 45 persons in area is provided at least two door ways as per clause 6.3 of IS 14435:1997?	Yes	No	----
10*	STAIR CASE Whether one of the staircase is on external wall and directly open to exterior, interior open space or to an safe open place as per 9.1 of IS 14435:1997?	Yes	No	----
11	RESTRICTION OF SPREAD OF FIRE AND SMOKE Whether the laboratories are separately and safely located with adequate precautions to prevent Smoke/ Fire?	Yes	No	NA
12	ELECTRICAL EQUIPMENT AND SAFETY Whether the staircase and corridor lighting is having separate electrical circuits as per clause 13.2 of IS 14435:1997?	Yes	No	NA
13	Whether miniature circuit breakers or earth leakage circuit breakers are provided in the circuits as per clause 13.3 of IS 14435:1997?	Yes	No	NA
14	FIRE SAFTEY MEASURES Whether the following requirements of wet riser, down corner installations and capacity of water storage tanks and fire pumps are provided as given below as per Table 23, Part 4, National Building Code of India, 2005?	Yes	No	NA
LESS THAN 6 METERS IN HEIGHT				
A)	FOR BUILDINGS WITH GROUND + ONE STOREY:			
	i) Fire Extinguishers as per IS 2190 (Two No. of 9 Lts., Water expelling extinguishers for every 600 M ² with minimum of 4 Extinguishers per compartment/Floor. The Extinguishers should be so located as to be available within 25 meters radius, Two No. of 2.5 Kgs. CO ₂ extinguishers in each floor).	Yes	No	NA
	ii) Automatic sprinklers in Basement with One Electrical Pump of 450 LPM and Terrace Tank of 5,000 Liters if area exceeds 200 M ² .	Yes	No	NA

15	Twelve fire buckets of 12 inches height and 10 inches deep always filled half the number with water and half with sand arranged to a stand should be provided and maintained separately at kitchen room, library and auditorium areas,	Yes	No	
16	Twelve fire buckets of 12 inches height and 10 inches deep always filled with dry sand arranged to stand should be provided and maintained at laboratory area.	Yes	No	
17	EMERGENCY AND ESCAPE LIGHTING Whether the emergency lighting is powered from a source independent of that supplying normal lighting?	Yes	No	--
18*	Whether all the main gates and the doorways of all classrooms are kept open during the period of occupation?	Yes	No	--
19	ADVISORY FIRE SAFETY MEASURES Whether the teaching and non-teaching staff or any of the able students under went any first aid fire fighting training?	Yes	No	--
20	Whether "FIRE DRILLS" are conducting involving all the concerned once in 3 months for an initial period of one year and subsequently once in 6 months?	Yes	No	--
21	Whether the available first aid fire fighting appliances are well maintained by conducting periodical inspections and tests to ensure perfect serviceability of them?	Yes	No	--
22	Whether any record is being maintained to the above extent?	Yes	No	--
23	Whether any special care towards the physically handicapped persons is planned to help them during fire or similar emergencies	Yes	No	--
24	Whether the teaching staff or management is taking any efforts to create" FIRE AWARENESS TO STUDENTS"	Yes	No	--
25	Whether perfect good house keeping is maintained at all the places at all the times	Yes	No	--

26	Whether the store room, office room, library and laboratory sections are well maintained without any scope for fire accident out of any cause including “electrical origin”	Yes	No	--
27	Whether there is adequate safe open place for assembly point within the premises	Yes	No	--
28	Whether any action plans are under implementation for the safe evacuation in the event of fire or similar emergencies	Yes	No	--

SIGNATURE OF OWNER

Standards referred: Indian Standard 14435:1997 Code of practice for Fire safety in Educational Institutions.

*Note: The Fire Safety Measures indicated with star mark are mandatory.

Recommended / Not Recommended for issue NOC
(if not Recommended Reasons should be furnished.

Signature of inspection Officers

1)

2)