Directorate of Urban Administration and Development, M.P. Bhopal

Check List (53 Points) of fire Installation proposal/Plan

(Fire NOC)

1	Name of the building	PM Shri Kendriya Vidyalaya
2	Address of the Building	Eklavya Model School Ke Pass Barwani M.P451551
3	Name and Address of builder/promoter	PM Shri Kendriya Vidyalaya, Eklavya Model School Ke Pass Barwani M.P451551
4	Name and Address of owner/occupiers of Individual Flats.	PM Shri Kendriya Vidyalaya, Eklavya Model School Ke Pass Barwani M.P451551
5	Plot Area a. Title b. Land use (in case of residential building Indicate no. of dwelling units)	40736.82 Sq Mtr. PM Shri Kendriya Vidyalaya Educational
6	Covered area (at grade level)	2760.59 Sq Mtr.
7	Height of the building	09 Mtr.
8	a. Overall height (from grade level) b. Approved/Provisional set back areas conforming to building bye-laws are as follows: 1. Front- 2. Back – 3. Left Side – 4. Right Side –	09 Mtr. Road Other Land Other Land Other School
9	a. Number of basements (Please Indicate level below grade in each case) b. If basement extends beyond the building line, please indicate the load bearing strength of the roof of basement. c. Area of basement d. Whether any piazza is proposed? If so, details of the level of piazza and ramps etc. be indicated	Nil Nil Nil Nil
10	Number of Floors (including ground floor)	G+1
11	Occupancy (Use-please mention separately for basement & floors)	Two Floor + Educational
12	Covered area of typical floor of bldg. Blocks.	2760.59 Sq Mtr.
13	Parking areas (please give details)	Open
14	Details of surrounding property features	North- Other School South- Our Land East- Other Land West-Road
15	Approach to proposed building, width of the road and connecting roads, if any	06 mtr Wide Road
16	Please give details of water supply available exclusively for fire	Terrace Tank 10000 ltr.

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	fighting.	
17	Has wet riser(s) been provided? If so, please indicate the number of risers and internal dia of each.	Not Required
18	Has any down comer been provided? If so, please give details.	Yes
19	Please indicate the present arrangement for replenishment of water for firefighting.	Ground Floor Tank, Boring,
20	Is a public or other water storage facility available nearby? If so, please give the capacity and distance from your building; also, please indicate if it is readily accessible.	Yes
21	Please give any other information that you can, regarding available of water supply for firefighting.	Tube Well, &Water Tank,
22	Have internal hydrants been provided If so, please indicate no. of hydrants on each floor including basement(s) and terrace.	Two
23	Have first add-hose reels been provided? If so, please indicate: a. No. of hose reels on each floor including basement(s) b. Bore and length of hose-reel tubing on each reel. c. Size (bore) and type of nozzle fitted to each hose reel. d. Is the hose reel connected directly to the riser or to the hydrant outlet?	 Yes, Proposed One Nos. 19mm/30 mtr 10 mm yes
24	Has fire hose been provided near each hydrant? If so, please indicate a. The type of hoses b. The size (bore) of hoses. c. The length of each hose d. Total number of hoses provided near each hydrant.	 1 Nos. RRL 63mm 15 Mt Two
25	Have branch pipes been provided? If so, please Indicate a. The type of branch pipes b. Size of nozzle fitted to each branch	One Yes SS Short Branch 12 mm
26	a. If the basement is used for car parking or storage, has it been sprinkled? b. Whether any cubical proposed in the basement? If so, the area of each cubical be indicated? c. Whether segregation/compartmentation of the basement has been provided? If so, please indicate	Nil Nil Nil
27	Is the building equipped with automatic fire detection and alarm system? If so, please indicate: a. The type of detectors used b. The standard to which the detectors confirm	Not Required As per NBC
	c. The code to which the installation confirms.	
28	Have manual call boxes been installed in the building for raising an alarm in the event of an outbreak of fire? If so, please give details	Yes, Manual Call Point With Hotter Provided
29	Has public address system been provided between the various floors and the fire control room in entrance lobby?	Yes
30	Has an intercom system been provided between the various floors and the fire control room in entrance of the building?	Yes

31	Has a fire control room be provided in the entrance lobby of the building?	Yes
32	How many staircases have been provided in the building? Please indicate in each case: a. Width of the stairway b. Width of the treads c. Height of the rigors d. if the treads are of the non-slip type.	02 nos a)1520 b)180 c)160 d) Yes
33	What is the average occupant load per floor?	According to material
34	How many lifts have been installed in the building? Please indicate in each case. a. The floors between which the lift runs. b. The type of doors fitted to the lift car and at each landing c. Fire resistance rating of lift car and landing doors, if known. d. Floor area of the lift car. e. Loading capacity of the lift car. f. Has communication system been installed in the lift for car? g. Has a Fireman's switch been installed in the lift for grounding it in the event of fire?	One Basement to Terrace
35	Have any stationary fire pump(s) been installed for pressurizing the wet riser? If so, please indicate a. The number of pumps b. The size of suction and delivery connection of each pump c. The output of each pump. d. The maximum head against which the pump can operate at the output mentioned at (c) e. Is the pump automatic in action?	Yes Terrace Pump 5 HP
36	Has a standby source of power supply been provided? Lift is through a generator, please indicate a. the capacity (output) b. the functions that can be maintained simultaneously by the use of generator, such as operating lift(s) fire pumps emergency lighting etc. c. Is the generator automatic in action or has to be started manually?	Nil
37	Has any yard hydrant been provided from the building's fire pump?	Not Required
38	Where more than one lifts are installed in a common enclosure have individual lifts been separated by fire resisting walls or 2 hours fire rating?	Nil
39	Has the lift shaft(s) lift lobby or stairwell been pressurized? If so, give details.	Nil
40	Have the lift lobbies and staircase been effectively enclosed to prevent fire/smoke entering them from outside at any floor?	Nil
41	Have all exists and direction of travel to each exit been sign-posted with illuminated signs?	Yes
42	Has a false ceiling been provided in any portion of the building?	No

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	If so, please indicate location and also mention if the material used for the false ceiling is combustible or non-combustible.	
43	Is the building centrally air-conditioned? If so, please indicate a. The material used for construction of duct and its fittings. b. The type of tinning used for ducts, if any c. The type of lagging used, if any for insulating any portion of the duct, please alsoindicate how the lagging is secured. d. If false ceiling is provided, please give information as at 42 above e. If plonum is used a return air passage has it been protected with fire detectors? Please give details. f. Has a separate AHU been provided for each floor? g. Whether automatic shutdown of AHU is coupled with detection system? h. Is the ducting for each floor effectively isolated or is it continuous or more than one floors? i. Are the fire dampers being provided?	No
44	Where are the switchgear and transformers located? If inside the building, please indicate. a. If the switchgear and transformer(s) have been housed in separate compartments, effectively separated from each other and from other portion of the buildings by four hours fire resistive wall? b. What precautions have been taken to prevent a possible fire in the transformer(s) from spreading?	Outside of the Building
45	I Where electric cables, telephone cables, dry/wet risers/down comers pass through a floor or wall have the spaces (apertures) round the cables/pipes been effectively sealed/plugged with non-combustible, fire resistant material? II Ventilation a. Whether natural ventilation is relied upon? If so give details of the vents for the stairwell, lift shaft. b. Whether mechanic ventilation has been proposed? If so, give details of the proposed system indicating the number of air changes for the basement and other floors. c. Whether mechanical ventilation is coupled with automatic detection system? Please give details of the system.	NA
46	Please indicate the number and type of fire extinguishers provided at various indications and the arrangement for the maintenance of the extinguishers.	According IS 2190 ABC Type 15 Pes 6kg Co2 Type 05 Pes 4.5kg
47	Please indicate if all fire extinguishers bear the ISI certification mark.	Yes
48	Whether the refuge area has been provided? If so, the floor on which provided and the total area provided floor-wise.	Not Required

49	Are the occupants of the building systematically trained in fire prevention, use of fire extinguishers and emergency procedures? If so, please give details.	Yes, Proposed Fire Fighting Training/Work Permit/Fire Mock Drill done by Monthly, six monthly, Yearly Basic
50	Does an emergency organization exist in the building? If so, please give details and append a copy of the emergency (Fire) orders	Yes, Proposed
51	Has a qualified Fire Officer been appointed for the building either individually or jointly with other building(s)	No
52	Has the building been protected against lightening? If so, does the lightening protect confirm to any code? Please indicate details.	Yes, Proposed Lighting Arrester
53	The work has not been started on site and construction will be started only after final approval of the Competent Authority the position of construction site is given below:	Educational Building, work is done

प्राचार्य/Principal
केन्द्रीय विद्यालय, बड़वानी
Kendriya Vidyalaya, Barwani

Sub Engineer
Nagar Palica, Barwani (M.P.)

NITIN PATIDAR
M.P. Govt. Auth. Fire Con.
L. No.-FIRE ENG/15

Owner's Signatures
Owner's Name: -PM Shri Kendriya Vidyalaya School
Mobile No. 8989573222
E-mail ID: - ppl.kvbarwani@gmail.com
Date:-31/08/2024

Signature of the Fire Consultant
Name & Designation: -Nitin Patidar (Fire Consultant)
Mobile No: - 9165588656
E-Mail ID:-n.nitinpatidar@gmail.com