GOVERNMENT OF TELANGANA
FIRE, DISASTER RESPONSE, EMERGENCY & CIVIL DEFENCE DEPARTMENT
NO OBJECTION CERTIFICARE

From	To,
The Regional Fire Officer ,Multi Zone-1, Fire, Disaster Response, Emergency & Civil Defence Department, Telangana, Hyderabad.	KENDRIYA VIDYALAYA REP. BY ITS PRINCIPAL SMT. NADUPALLI SHESHA PRASAD, H.NO: 12-11-1391, RAGAVENDRA NAGAR, JAMAI OSMANIA, SECUNDERABAD.,

Rc. No.**547580002024**Dated:**25/11/2024**

Sir,

Sub: Telangana Fire, Disaster Response, Emergency & Civil Defence Department –Sircilla District. Issue of No Objection Certificate for **OCCUPANCY** to the Non Multi storeyed Building of **KENDRIYA VIDYALAYA,BEARING SURVEY NO.227/2/2, 228/3/2 & 228/3/1, SITUATED AT THANGALLAPALLY (V&M), RAJANNA SIRCILLA DISTRICT./- Thangallapalli/Thangallapalli/Sircilla**, Hyderabad – Regarding.

Ref:
1. Acknowledgement No**547580002024**dt.**25/11/2024**
2. Inspection Committee Report, Acknowledgement No: 547580002024

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1. The Multi Storeyed Building Inspection committee, vide reference cited (2) have inspected the Non Multi Storeyed Building of **KENDRIYA VIDYALAYA,BEARING SURVEY NO.227/2/2, 228/3/2 & 228/3/1, SITUATED AT THANGALLAPALLY (V&M), RAJANNA SIRCILLA DISTRICT./-Thangallapalli/Thangallapalli/Sircilla** and submitted the following report.

2.The above building was constructed without obtaining the Provisional Noc from this department and now the builder sumbmitted application for issuance of No Objection Certificate for occupancy to the existing buliding of **Ground, 2 Floors,** with a height of **11.40** Meters for **EDUCATIONAL B-1 Schools up to senior secondary level.**

3. Open Spaces : The builder provided the following open spaces all around the building.

Sl.No	Side	Open space Required as per Supreme Court's order on W.P.No.483 of 2004	Open space Provided
1	North	6.00	6.00
2	South	6.00	6.00
3	East	6.00	6.00
4	West	6.00	6.00
5	Front Direction	East	

4. Means of Access :

Sl. No	Gate Width As per NBC 2016	Required	Provided
1	Entry gate width	6.00	6.00
2	Exit Gate Width	6.00	6.00
3	Entry Gate Head Clearance	4.50	6.00
4	Exit Gate Head Clearance	4.50	6.00

5. Travel Distance

Sl. No.	Item / Description	Required (Not More than in Mtrs.)	Provided
1	Farthest point (Most Remote Point) With in a storey or a mezzanine floor to the door to an Exit.	30.00	30.00

2	The Dead end of the corridor length in exit access. (6 mtrs for Educational, Institutional and Assembly, 15mtrs for other Occupancies)	6.00	6.00

6. Stair Cases (As per NBC 2016)

Sl.no.	Type of staircases	Width (In Mtrs)	No of staircases	Floors from	Floors to
1	Internal staircases	2.00	2	Ground	Terrace
2	Ramp(From ground to upper level used as means of escape like in hospitals etc.)	2.35	1	Ground	2nd Floor

7. Means of Escape Floor Wise Details

Sl.no.	Floor type	Buil-up Area in Sq.Mtrs	Type of Occupancy	Occupant Load	Means of escape required as per table 21 of NBC	Means of escape Provided
1	Ground	1805.83	EDUCATIONAL B-1 Schools up to senior secondary level	451.00	4.51	6.00
2	1st Floor	1817.96	EDUCATIONAL B-1 Schools up to senior secondary level	454.00	4.54	6.35
3	2nd Floor	1772.04	EDUCATIONAL B-1 Schools up to senior secondary level	443.00	4.43	6.35

8. Floor Wise details of Fire Fighting Installations.

Sl.no	Floor Details	Fire Extinguisher	Hose Reel	Automatic Sprinklers System	Manually Operated Electronic Fire Alarm System	Automatc detection and alarm system
1	Ground	10.00	2.00	0.00	0.00	0.00
2	1st Floor	10.00	2.00	0.00	0.00	0.00
3	2nd Floor	9.00	2.00	0.00	0.00	0.00

9. Fire Fighting Installations as per Table 7 of NBC 2016:

Fire Fighting System.	Required As per NBC	Provided
Fire Extinguishers	29.00	54
First Aid Hose Reel	6.00	9
Yard Hydrant	5.00	0
Capacity of Terrace Tank over Respective Tower Terrace in Litres	10000.00	25000
Pump capacity in LPM at the Terrace Tank level with min Pressure of 3.5 Kg/CM^2	450.00	450
No. of Terrace Tanks over Respective Tower in ltrs	1	1
No. of Pumps at the Terrace Tank level with min pressure of 3.5 Kg/Cm^2	1	1

10. The builder has provided the following additional Fire Safety Requirements as per NBC of India 2016 as per NBC part 4 of India 2016::

Sl. No	Fire safety Item
1.	Open spaces all around the building are Leveled and have hard open spaces for the operation of fire vehicles.
2.	The upper floors of the educational building are provided with exits for every travel distance of 30 meters (TYPE1 & 2 constructions) as per table5 under clause 4.4.2.1, 4.4.2.2 of Part IV of NBC 2016
3.	The width of all exit door ways has 01-00 meter for class rooms and 02-00 meters in respect of Assembly halls as per clause 8.1 of IS 14435:1997?
4.	The height of exit door ways has 02-00 meters and more, as per clause of 8.2 of IS 14435:1997?

5.	A minimum number of two separate exits are provided for each floor as per clause 6.2 of IS 14435:1997?
6.	The exits shall be remote from each other as practicable as per clause 6.2 of IS 14435:1997?
7.	02 Doorways are provided for every room with a capacity of over 45 persons As per clause 6.2.2(a) of part-IV of NBC-2016
8.	The Location of Rooms of Preschool, Kindergarten, Class/Grade 1 student are provided at Ground Floor/level and Class/Grade II student at ground or First Floor only.
9.	The building is suitably Compartmented and provided with smoke control measures so that fire / smoke remain confined to the area where fire incident has occurred and does not spread to the remaining part of the building as per Clause 4.5 and 4.6 of part 4 NBC of India 2016.
10.	**Floor Openings Fire Protection Complied with As per Clause 3.4.5.4**
	a) Openings in Service ducts and shafts allowing building services like cables, Electrical wirings, Telephone cables, plumbing pipes etc., shall be protected by enclosure in the form of ducts / shaft having a fire resistant's not less than 120 min.
	b) The inspection door for electrical shafts / ducts shall be not less than 120 min.
	c) Medium and low voltage wiring running in shafts / ducts shall either be armoured type or run through metal conduits.
	d) The space between the electrical cables/conduits and the walls/slabs shall be filled in by a fire stop material having fire resistance rating of not less than 120 min. This shall exclude requirement of fire stop sealing for low voltage services shaft.
	e) For plumbing shafts in the core of the building, with shaft door opening inside the building, the shafts shall have inspection doors having fire resistance rating not less than 30 min..
11.	**Vertical openings Fire Protection Complied with as per Clause- 3.4.5.6** Every vertical opening between the floors of a building shall be suitably enclosed or protected, as necessary, to provide the following:
	a) Reasonable safety to the occupants while using the means of egress by preventing spread of fire, smoke, or fumes through vertical openings from floor to floor to allow occupants to complete their use of the means of egress. Further it shall be ensured to provide a clear height of 2 100 mm in the exit access.
	b) Limitation of damage to the building and its contents.
12.	**Electrical safety complied with as per Clause 3.4.6 of part – 4 NBC of India 2016**
	a) the wiring and cabling are having flame retardant property. Medium and low voltage wiring running in shafts and within false ceiling shall run in metal conduit. Any 230 V wiring for lighting or other services, above false ceiling, shall have 660 V grade insulation
	b) the electric distribution cables/wiring shall be laid in a separate shaft. The shaft shall be sealed at every floor with fire stop materials having the same fire resistance as that of the floor. High, medium and low voltage wiring running in shaft and in false ceiling shall run in separate shaft/conduits.
	c) water mains, gas pipes, telephone lines, intercom lines or any other service line shall not be laid in the duct for electrical cables; use of bus ducts/solid rising mains instead of cables is preferred.
	d) all metallic items like steel structural members, etc, shall be bonded properly to the earthing system.
13.	**Lightning protection of buildings is Complied with as per clause – 3.4.6.5** Routing of down conductors (insulated or uninsulated) of lightning protection through electrical or other service shafts are not allowed as it can create fire and explosion during lightning. For details, see Part 8.Building Services, Section 2 Electrical and Allied Installations' of the Code
14.	**Escape Lighting and Exit Signage is Complied with as per Clause 3.4.7** Exit access, exits and exit discharge shall be properly identified, with adequate lighting maintained in the elements of the egress systems so that all occupants shall be able to leave the facility safely.
15.	**Lighting is Complied with as per Clause – 3.4.7.1**
	a) The exit, exit access and exit discharge systems shall be illuminated continuously. The floors of the means of egress shall be illuminated at all points, including angles and intersections, in corridors and passageways, stairwells, landings of stairwells and exit.
	b) Emergency lighting shall be powered from a source independent of that supplying the normal lighting.
	c) The emergency lighting shall be provided to be put on within 5 s of the failure of the normal lighting supply. Also,

	emergency lighting shall be able to maintain the required illumination level for a period of not less than 90 min in the event of failure of the normal lighting even for smaller premises.
	d) Signs are required at all exits, emergency exits and escape routes, which should comply with the graphic requirements of the relevant Indian Standards
16.	Exit passageway (at ground) and staircase lighting is connected to alternative supply. The alternative source of supply may be provided by battery continuously trickle charged from the electric mains as per clause – 3.4.7.2
17.	Number of exits, Arrangements of exits and capacities of Means of egress types of exit access and exits etc., complied with Clause 4.4.2 of part – 4 NBC of India 2016
18.	Smoke control of exits are complied with Clause 4.4 2.5of part – 4 NBC of India 2016
19.	Fire Drills and Fire orders Complied with Clause 4.11 of part – 4 NBC of India 2016 Fire notices/orders shall be prepared to fulfil the requirements of firefighting and evacuation from the buildings in the event of fire and other emergency. The occupants shall be made thoroughly conversant with their action in the event of emergency, by displaying fire notices at vantage points and also through regular training. Such notices should be displayed prominently in bold letters. For guidelines for fire drills and evacuation procedures for high rise buildings see Annex D
20.	Fire extinguishers / fixed fire fighting installations, static water storage tanks and pump house are Complied with Clause 5.1 of part – 4 NBC of India 2016
21.	Automatic sprinkler installation shall be complied with as per Clause 5.1.3 of part – 4 NBC of India 2016 (If Basement exceeds 200 sq. Mtr. Area)
22.	Fire Safety plans prepared and submitted by the builder.
23.	Fire Drills shall be conducted with coordinance with the fire safety plan at least once in every 03 months for building during the first 02 Years and thereafter once in 6 months as per Clause D-3 in annex. D of Part IV NBC of India 2016.

11) In view of the above and as per the recommendations of the multistoried building inspection Committee, the No Objection Certificate for Temporary Fire Safety for Multi Storied Building with

Sl No.	As Builder	As occupant	As Security Personnel
1	-All the fire protection arrangements shall be maintained in good condition at all times. -Do's and Don'ts shall be prominently displayed in the building	The escape/exit roots shall be kept locked/blocked or obstructed	All the occupants must know the correct method of operation of the fire fighting system installed.
2	Any loss of life or property due to non functioning of the fire protection or other installations shall be the responsibility of the building owner.	All occupants shall be trained to operate the fire safety equipments during emergency.	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.
3	Addition / alteration in the building may be carried out with the permission of the authority.	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6	All security personnel shall be trained to operate the fire safety equipments during emergency and guiding the occupants in safe evacuation. Call the fire Brigade by dialing 101.
4	This No objection Certificate for temporary occupancy is valid for one year from the date of issue of the same.	Raise the alarm if the fire cannot be controlled, evacuate the building completely at once using the nearest safe exit.	Attack the fire using available fire equipment only if you feel capable of controlling it. If Not, take all steps to isolate the area by closing doors and windows.

12.Additional Fire Safety Measures Recommended by the Department:
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This No Objection Certificate for Occupancy is valid for Five years from the date of issue of this letter. It is the responsibility of the builder to apply for renewal NOC, duly remitting the user charges as per G.O. Ms. No. 71, Home (Prison – A) Department, dated 01-04-2010, two months before expiry of this No Objection Certificate.

Signed By : B.Sudhakar Rao
Designation : Regional Fire Officer,Multi Zone-1.
Date : 25-11-2024
Fire, Disaster Response, Emergency & Civil Defence Department,
Telangana, Hyderabad.

Copies to:
i) The Management
ii) Multistoried Building Inspection Committee
iii)Copy submitted to Regional Fire officer
iv) Copy submitted to DG fire services.

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