



TELANGANA FIRE DISASTER RESPONSE
EMERGENCY AND CIVIL DEFENCE DEPARTMENT
Fire Fee Receipt



Acknowledgement No : 586030002025
Date : 21/07/2025
Name : SRI VASISTA EDUCATIONAL TRUST
Building Name : Sri Chaitanya School
House no & Address :
Metro Pillar No. A815, Near BJP
Site Address : Office, Kukatpally Village and
Mandal, Medchal Malkajgiri Dist.
Email ID : kavitha.m@varsitymgmt.com
Category : OCCUPANCYNOC

Payment Details

Receipt Number : 143512SBI2025 Receipt Date : 23-07-2025 16:59:35
Payment Mode : NB Bank Name : SBI
Total Amount Paid(in Rs.) : 9890

Note:- Print this payment receipt for further reference.

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GOVERNMENT OF TELANGANA
FIRE, DISASTER RESPONSE, EMERGENCY & CIVIL DEFENCE DEPARTMENT
NO OBJECTION CERTIFICATE FOR OCCUPANCY



From The Director General Fire, Disaster Response, Emergency & Civil Defence Department Telangana, Hyderabad.	To, L and T Metro Rail Hyderabad Limited, L & T Metro Rail Hyderabad Ltd, Hyderabad Metro Rail Administrative Building, Hyderabad Metro Rail Depot, Uppal Main Road, Uppal, Hyderabad,
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Ack. No.546270002024Dated:11/11/2024

Sir,	
Sub:	Telangana Fire, Disaster Response, Emergency & Civil Defence Department – Issue of No Objection Certificate for Occupancy to the Multi storeyed Building of Proposed School Cum College Building,KUKATPALLY M.E.O. SCHOOL, KUKATPALLY VILLAGE, BALANAGAR MANDAL, RANGAREDDY DISTRICT/-Kukatpally/Kukatpally/Medchal , Hyderabad – Regarding.



Ref:	1. Acknowledgement No 546270002024 2. This Office Provisional NOC Ack/RC No. 468180002022 dt. 02/12/2022 3. Multi-Storeyed Building Inspection Committee Report, Hyderabad Ack. No. 546270002024 , dt. 11/11/2024
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The Multi Storeyed Building Inspection committee, vide reference cited (3) has inspected the Multi Storeyed Building of **Proposed School Cum College Building,KUKATPALLY M.E.O. SCHOOL, KUKATPALLY VILLAGE, BALANAGAR MANDAL, RANGAREDDY DISTRICT/-Kukatpally/Kukatpally/Medchal** on **11/11/2024** and submitted the following report.

2) The builder was issued Provisional No Objection certificate vide reference cited (2) for construction of Multi Storeyed Building **1 Cellars,1 Stilts, 5 Floors**, with for **EDUCATIONAL B-1 Schools up to senior secondary level**. Now the builder has constructed the Multi Storeyed Building with **1 Cellars,1 Stilts, 5 Floors**, with a height of **21.00** Meters for **EDUCATIONAL B-1 Schools up to senior secondary level** Occupancy and requested for No Objection Certificate for Occupancy.

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

	SLNo	Side	Open space Required as per Provisional No Objection Certificate	Open space Provided
a	1	North	7.00	7.00
	2	South	7.50	7.50
	3	East	7.00	7.00
	4	West	7.00	7.00

This is not stepped type building.

b	SL. No	Gate Width As per NBC 2016	Required	Provided
	1	Entry gate width	6.00	7
	2	Entry Gate Head Clearance	4.50	5
	3	Exit Gate Width	6.00	7



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4	Exit Gate Head Clearance	4.50	5.00
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6. 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	0.00

7. 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	Cellar	Terrace
2	External staircases	2.00	1	Cellar	Terrace
3	Ramp(Used for Movement of vehicles)	6.92	1	Cellar	Stilt 1

8)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	Cellar	2068.80	Parking	69.00	0.69	6.00
2	Stilt	1571.91	Parking	393.00	3.93	6.00
3	1st Floor	1310.67	EDUCATIONAL B-1 Schools up to senior secondary level	328.00	3.28	6.00
4	2nd Floor	1233.73	EDUCATIONAL B-1 Schools up to senior secondary level	308.00	3.08	6.00
5	3rd Floor	1233.73	EDUCATIONAL B-1 Schools up to senior secondary level	308.00	3.08	6.00
6	4th Floor	1235.39	EDUCATIONAL B-1 Schools up to senior secondary level	309.00	3.09	6.00
7	5th Floor	1235.39	EDUCATIONAL B-1 Schools up to senior secondary level	309.00	3.09	6.00

9).Fire Shaft as per clause 2.24 and ANNEX E (E-2) of part 4 NBC 2016.

Item / Description	Required	Provided
Fire Shaft / Fire Lift	1	1

10). Floor Wise details of Fire Fighting Installations:

Sl.no	Floor Details	Fire Extinguisher	Hose Reel	Automatic Sprinklers System	Manually Operated Electronic Fire Alarm System	Automatic detection and alarm system
1	Cellar	11.00	3.00	230.00	3.00	0.00
2	Stilt	8.00	2.00	0.00	2.00	0.00
3	1st Floor	7.00	2.00	0.00	2.00	0.00
4	2nd Floor	7.00	2.00	0.00	2.00	0.00
5	3rd Floor	7.00	2.00	0.00	2.00	0.00
6	4th Floor	7.00	2.00	0.00	2.00	0.00
7	5th Floor	7.00	2.00	0.00	2.00	0.00

11). Fire Fighting Installations as per Table 7 of NBC 2016 .

Fire Fighting System.	Required As	Provided
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	per NBC	
Fire Extinguishers	54.00	56
First Aid Hose Reel	15.00	21
Down Comer	2.00	3
Automatic Sprinkler System	230.00	265
Manually Operated Electronic Fire Alarm Systems	15.00	21
Capacity of Terrace Tank over Respective Tower Terrace in Litres	25000.00	25000
Pump capacity in LPM at the Terrace Tank level with min Pressure of 3.5 Kg/CM ²	900.00	900
No. of Terrace Tanks over Respective Tower in ltrs	1	0
No. of Pumps at the Terrace Tank level with min pressure of 3.5 Kg/Cm ²	1	0

12). The builder has provided the following additional Fire Safety Requirements as per NBC of India 2016:

Sl.No	Fire safety Item
1.	Floor Openings Fire Protection 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 have fire resistance rating of 120 min c) Medium and low voltage wiring running in shafts / ducts are armoured type or run through metal conduits. d) The space between the electrical cables/conduits and the walls/slabs are 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. 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 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
2.	Vertical openings Fire Protection as per Clause- 3.4.5.6 a) Every vertical opening between the floors of a building is suitably enclosed or protected, as necessary, to provide the following: 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.
3.	Electrical Installation as per Clause – 3.4.6 (For requirements regarding installations from the point of view of fire safety, reference may be made to good practice [4(6)] and 8. Building Services, Section 2 Electrical and Allied Installations. Of the Code.) a) In general, it is desirable that the wiring and cabling are with 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 are laid in a separate shaft. The shaft is 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.
4.	Emergency power for fire and life safety systems as per Clause- 3.4.6.2 Emergency power supplying distribution system for critical requirement for functioning of fire and life safety system and equipment planned for efficient and reliable power and control supply to the following systems and equipment is provided a) Fire pumps. b) Pressurization and smoke venting; including its ancillary systems such as dampers and actuators. c) Fire mans lifts (including all lifts). d) Exit signage lighting.



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	e) Emergency lighting.
	j) Power supply to these systems and equipment shall be from normal and emergency (standby generator) power sources with changeover facility. If power supply, is from HV source and HV generation, the transformer should be planned in standby capacity to ensure continuity of power to such systems.
	n) The power supply to the panel/distribution board of these fire and life safety systems shall be through fire proof enclosures or circuit integrity cables or through alternate route in the adjoining fire compartment to ensure supply of power is reliable to these systems and equipment
	o) It shall be ensured that the cabling from the adjoining fire compartment is protected within the compartment of vulnerability. The location of the panel/ distribution board feeding the fire and life safety system shall be in fire safe zone ensuring supply of power to these systems. Circuits of such emergency system shall be protected at origin by an automatic circuit breaker with its no-volt coil removed. Master switches controlling essential service circuits shall be clearly labeled.
	p) Cables for fire alarm and PA system shall be laid in metal conduits or armoured to provide physical segregation from the power cables
5.	Substation/Transformers fire safety as per Clause – 3.4.6.3 a) The substation area is adequately ventilated.
	b) An independent, ventilated or air conditioned MV panel room provided on the ground level or first basement. This room is provided with access from outside (or through exit passageway accessible from outside). The MV panel room is provided with fire resistant walls and doors of fire resistance of not less than 120 min.
	c) If the licensees agree to provide meters on upper floors, the licensees' cables is segregated from consumers. Cables by providing a partition in the shaft. Meter rooms on upper floors shall not open into staircase enclosures and ventilated directly to open air outside or in electrical room of 120 min fire resistant walls.
	d) Electrical MV main distribution panel and lift panels are provided with CO2/inert gas flooding system for all panel compartments with a cylinder located beside the panel. Note: The Pressure less Aerosol System may also be included along with CO2/ inert gas flooding system for Electrical MV Distribution Panels and Lift Panels as per Additional Fire Safety Measures vide Rc.No.7175/MSB/HYD/2023 Dt:04-01-2024 of the Director General Disaster Response and Fire Services Department, Hyderabad.
6.	Oil filled substation fire safety as per Clause – 3.4.6.3.1 A substation or a switch-station with oil filled equipment shall be limited to be installed in utility building or in outdoor location. Such substation/utility building shall be at least 7 m away from the adjoining building(s). Substation equipment (exceeding oil capacity of 2 000 litre) in utility building shall have fire rated baffle walls of 240 min rating constructed between such equipment, raised to at least 600 mm above the height of the equipment (including height of oil conservators) and exceeding 300 mm on each side of the equipment. All transformers where capacity exceeds 10 MVA shall be protected by high velocity water spray systems or nitrogen injection system.
7.	Dry type substation fire safety as per Clause – 3.4.6.3.2 Transformers located inside a building shall be of dry type and all substation/switch room walls, ceiling, floor, opening including doors shall have a fire resistance rating of 120 min. Access to the substation shall be provided from the nearest fire exit/exit staircase for the purpose of electrical isolation.
8.	Standby supply as per clause -3.4.6.4 a) Diesel generator set(s) shall not be installed at any floor other than ground/first basement. If the same are installed indoors, proper ventilation and exhaust shall be planned. The DG set room shall be separated by 120 min fire resistance rated walls and doors.
	b) The oil tank for the DG sets (if not in the base of the DG) shall be provided with a dyked enclosure having a volumetric capacity of at least 10 percent more than the volume of the oil tank. The enclosure shall be filled with sand for a height of 300 mm.
9.	Lightning protection of buildings 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.
10.	Escape Lighting and Exit Signage as per Clause 3.4.7 Exit access, exits and exit discharge shall be properly



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	identified, with adequate lighting maintained in the elements of the egress systems so that all occupants shall be able to leave the facility safely.
11.	Lighting 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) Escape lighting shall be capable of, i) indicating clearly and unambiguously the escape routes; ii) providing adequate illumination along such routes to allow safe movement of persons towards and through the exits; and iii) ensuring that fire alarm call points and firefighting equipment provided along the escape routes can be readily located. d) The horizontal luminance at floor level on the centreline of an escape route shall not be less than 10 lumen/m². In addition, for escape routes up to 2 m wide, 50 percent of the route width shall be lit to a minimum of 5 lumen/m². In auditoriums, theatres, concert halls and such other places of assembly, the illumination of floor exit/access may be reduced during period of performances to values not less than 2 lux. e) Required illumination shall be arranged such that the failure of any single lighting unit, such as the burning out of one luminaire, will not leave any area in darkness and does not impede the functioning of the system further. f) 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. g) Battery pack emergency lighting, because of its limited duration and reliability, shall not be allowed to be used in lieu of a diesel engine driven emergency power supply. h) Escape lighting luminaires should be sited to cover the following locations: i) Near each intersection of corridors, ii) At exits and at each exit door, iii) Near each change of direction in the escape route, iv) Near each staircase so that each flight of stairs receives direct light, v) Near any other change of floor level, vi) Outside each final exit and close to it, vii) Near each fire alarm call point, viii) Near firefighting equipment, and ix) To illuminate exit and safety signs as required by the enforcing authority. i) The luminaires shall be mounted as low as possible, but at least 2 m above the floor level. j) Signs are required at all exits, emergency exits and escape routes, which should comply with the graphic requirements of the relevant Indian Standards.
12.	Exit passageway Provided as per clause – 3.4.7.2. (at ground) and staircase lighting is to be connected to alternative supply. The alternative source of supply may be provided by battery continuously trickle charged from the electric mains
13	Suitable arrangements as per clause – 3.4.7.3 Installation of double throw switches to ensure that the lighting installed in the staircase and the corridor does not get connected to two sources of supply simultaneously. Double throw switch shall be installed in the service room for terminating the stand-by supply.
14.	Air Conditioning, Ventilation and Smoke Control as per clause – 3.4.8 Air conditioning and ventilating systems shall be so installed and maintained as to minimise the danger of spread of fire, smoke or fumes from one floor to other or from outside to any occupied building or structure. Wherever batteries are provided, the same shall be segregated by 120 min fire rated construction. Ventilation to the room shall be provided as per manufacturer's instructions. c) Details of all floor plans along with the details of firefighting equipment and installations (2 sets laminated and bound) shall be maintained in fire command centre. d) The fire staff in charge of the fire command centre shall be responsible for the maintenance of the various services and firefighting equipment



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18.	General Exit Requirements as per clause – 4.2 4.2.3 a) Every exit, exit passageway and exit discharge shall be continuously maintained free of all obstructions or impediments to full use in the case of fire or other emergency.
	4.2.7b) For non-naturally ventilated areas, fire doors with 120 min fire resistance rating shall be provided and particularly at the entrance to lift lobby and stair well where a 'funnel or flue effect' may be created, inducing an upward spread of fire, to prevent spread of fire and smoke.
	4.2.9c) Doors in exits shall open in the direction of exit. In case of assembly buildings (Group D) and institutional buildings (Group C-1), exit door shall not open immediately upon a flight of stair and all such entries to the stair shall be through a landing, so that such doors do not impede movement of people descending from a higher floor when fully opened (see Fig. 4A). While for other occupancies, such doors shall not reduce the pathway in the landing by more than half the width of such staircase (see Fig. 4B). Over-head or sliding doors shall not be installed.
	4.2.11d) Unless otherwise specified, all the exits and exit passageways to exit discharge shall have a clear ceiling height of at least 2.4 m. However, the height of exit door shall be at least 2.0 m (see Fig. 5).
	4.2.16e) Suitable means shall be provided so that all access controlled exit doors, turnstiles, boom barriers and other such exits shall automatically operate to open mode during emergencies like fire, smoke, acts of terrorism, etc, so that people can safely and quickly egress into safe areas outside. If required, a master controlling device may be installed at a strategic location to achieve this.
	4.2.17f) Penetrations into and openings through an exit are prohibited except those necessary like for the fire protection piping, ducts for pressurization and similar life safety services. Such openings as well as vertical passage of shaft through floors shall be protected by passive systems.
19.	Exit Access as per Clause – 4.4.1 a) In order to ensure that each element of the means of egress can be effectively utilized, they shall all be properly lit and marked. Lighting shall be provided with emergency power back-up in case of power failures. Also, exit signs of adequate size, marking, location, and lighting shall be provided so that all those unfamiliar with the location of the exits may safely find their way. b) Exit access to fireman's lift and refuge area on the floor shall be step free and clearly signposted with the international symbol of accessibility. c) Exit access shall not pass through storage rooms, closets or spaces used for similar purpose. c) Mechanical ventilation system shall be designed to permit 12 air changes per hour in case of fire or distress call. However, for be as given in Part 8 Building Services, Section 3 Air conditioning Heating and Mechanical Ventilation of the Code. d) In multi-level basements, independent air intake and smoke exhaust shafts (masonry or reinforced concrete) for respective basement levels and compartments therein shall be planned with its make-up air and exhaust air fans located on the respective level and in the respective compartment. Alternatively, in multi-level basements, common intake masonry (or reinforced cement concrete) shaft may serve respective compartments aligned at all basement levels. Similarly, common smoke exhaust/outlet masonry (or reinforced cement concrete) shafts may also be planned to serve such compartments at all basement levels. All supply air and exhaust air fans on respective levels shall be installed in fire resisting room of 120 min. Exhaust fans at the respective levels shall be provided with back draft damper connection to the common smoke exhaust shaft ensuring complete isolation and compartmentation of floor isolation to eliminate spread of fire and smoke to the other compartments/floors. f) Smoke from any fire in the basement shall not obstruct any exit serving the ground and upper floors of the building. g) The smoke exhaust fans in the mechanical ventilation system shall be fire rated, that is, 250°C for 120 min. h) The smoke ventilation of the basement car parking areas shall be through provision of supply and exhaust air ducts duly installed with its supports and connected to supply air and exhaust fans. Alternatively, a system of impulse fans (jet fans) may be used for meeting the requirement of smoke ventilation complying with the following: i) Structural aspects of beams and other down stands/services shall be taken care of in the planning and provision of the jet fans. ii) Fans shall be fire rated, that is, 250°C for 120 min. iii) Fans shall be adequately supported to enable operations for the duration as above.



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	iv) Power supply panels for the fans shall be located in fire safe zone to ensure continuity of power supply.
	v) Power supply cabling shall meet circuit integrity requirement in accordance with accepted standard [4(13)].
	i) The smoke extraction system shall operate on actuation of flow switch actuation of sprinkler system. In addition, a local and/or remote .manual start-stop control/switch’ shall be provided for operations by the fire fighters.
	j) Visual indication of the operation status of the fans shall also be provided with the remote control.
	k) No system relating to smoke ventilation shall be allowed to interface or cross the transformer area, electrical switchboard, electrical rooms or exits.
	m) Supply air shall not be less than 5 m from any exhaust discharge openings.
28.	Fire Drills and Fire Orders are ensured as per clause – 4.11 Provided 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 lettering. For guidelines for fire drills and evacuation procedures for high rise buildings, see Annex D.
29.	Fire Extinguishers/Fixed Firefighting Installations as per clause – 5.1 5.1.1 All buildings depending upon the occupancy use and height shall be protected by fire extinguishers, hose reels, wet riser, down-comer, yard hydrants, automatic sprinkler installation, deluge system, high/medium velocity water spray, foam, water mist systems, gaseous or dry powder system, manual/automatic fire alarm system, etc, in accordance with the provisions of various clauses given below, as applicable: a) These fire extinguishing equipment and their installation shall be in accordance with accepted standards [4(17)]. The extinguishers shall be mounted at a convenient height to enable its quick access and efficient use by all in the event of a fire incidence. The requirements of fire extinguishers/yard hydrant systems/wet riser/down-comer installation and capacity of water storage tanks and fire pumps, etc, shall be as specified in Table 7. The requirements regarding size of mains/risers shall be as given in Table 8. The typical arrangements of down-comer and wet riser installations are shown in Fig. 13. The wet riser shall be designed for zonal distribution ensuring that unduly high pressures are not developed in risers and hose- pipes. b) First-aid firefighting appliances shall be provided and installed in accordance with good practice [4(18)]. The firefighting equipment and accessories to be installed in buildings for use in firefighting shall also be in accordance with the accepted standard [4(17)] and shall be maintained periodically so as to ensure their perfect serviceability at all times. c) Valves in fixed firefighting installations shall have supervisory switch with its signalling to fire alarm panel or to have chain(s), pad lock(s), label and tamper-proof security tag(s) with serial number to prevent tampering/unauthorized operation. These valves shall be kept in their intended open position. d) In addition to wet riser or down-comer, first- aid hose reels shall be installed in buildings (where required under Table 7) on all the floors, in accordance with accepted standard [4(19)]. The first-aid hose reel shall be connected directly to the riser/down-comer main and diameter of the hose reel shall not be less than 19 mm.
30.	Static water storage tanks as per clause – 5.1.2.1 a) firefighting shall always be available in the form of underground/terrace level static storage tank with capacity specified for each building with arrangements or replenishment. b) Water for the hydrant services shall be stored in an easily accessible surface/underground lined reservoir or above ground tanks of steel, concrete or masonry. The effective capacity of the reservoir above the top of the pump casing (flooded suction) for various types of occupancies shall be as indicated in Table 7. c) Water for firefighting shall be stored in two or more interconnected compartments of equal size to facilitate cleaning and maintenance of the tanks without interrupting the water availability for firefighting. d) To prevent stagnation of water in the static water storage tank, the suction tank of the domestic water supply shall be fed only through an overflow arrangement from the fire water storage tanks to maintain the level therein at the minimum specified capacity. e) Alternatively, domestic and fire water can be stored in two interconnected compartments as mentioned above. The suction inlet(s) for the domestic water pumps shall be so located at an elevation that minimum water requirements for firefighting as stated in Table 7 will be always available for fire pumps.
32.	Automatic Sprinkler Installation as per clause – 5.1.3 The requirements shall be as given below: a) Automatic sprinklers shall be installed wherever required in terms of Table 7 throughout the building in accordance with good practice [4(20)].



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	k) It is essential to make provisions for avoiding water from sprinkler/hydrant operation entering lifts and electrical rooms.									
	l) Ramps at all levels shall be protected with sprinklers.									
	Fire Fighting shaft as per E-2 of Annexure E of part 4 NBC of India 2016 EGRESS AND EVACUATION STRATEGY									
34.	a) One firefighting shaft shall be planned for each residential building/tower, in an educational building/ block, and for each compartment of institutional, assembly, business and mercantile occupancy types. For other occupancy types, requirement of fire fighting shaft shall be ascertained in consultation with the local fire authority. The firefighting shaft shall necessarily have connectivity directly to exit discharge or through exit passageway (having 120 min fire resistance walls) to exit discharge.									
	b) Staircase and fire lift lobby of a firefighting shaft shall be smoke controlled as per 4.4.2.5 and Table 6.									
	c) It is recommended that the pressurization requirement for staircase in firefighting shaft and for other fire exit staircases in buildings greater than 60 m in height be evaluated to limit the force required to operate the door assembly (in the direction of door opening) to not more than 133 N to set the door leaf in motion. The aspect of pressurization, door area/width and door closure shall be planned in consideration to the above.									
35.	E-2 EGRESS AND EVACUATION STRATEGY The firefighting shafts have connectivity directly to exit discharge or through exit passageway (having 120 min fire resistance walls) to exit discharge.									
36.	Smoke control as per clause 4.4.2.5 Staircase and fire lift lobby of a firefighting shaft shall be smoke controlled as per 4.4.2.5 and Table 6. The pressurization requirement for staircase in firefighting shaft and for other fire exit staircases in buildings greater than 60 m in height be evaluated to limit the force required to operate the door assembly (in the direction of door opening) to not more than 133 N to set the door leaf in motion. The aspect of pressurization, door area/width and door closure shall be planned in consideration to the above.									
	c) Openable panels shall be provided on each floor and shall be spaced not more than 10 m apart measured along the external wall from centre-to-centre of the access openings. Such openings shall be operable at a height between 1.2 m and 1.5 m from the floor, and shall be in the form of openable panels (fire access panels) of size not less than 1 000 mm × 1 000 mm opening outwards. The wordings, .FIRE OPENABLE PANEL. OPEN IN CASE OF FIRE, DO NOT OBSTRUCT. of at least 25 mm letter height shall be marked on the internal side. Such panels shall be suitably distributed on each floor based on occupant Concentration. These shall not be limited to cubicle areas and shall be also located in common areas/corridors to facilitate access by the building occupants and fire personnel for smoke exhaust in times of distress.									
43.	Compartmentation as per clause - 4.5 4.5.2 All floors shall be compartmented/zoned with area of each compartment being not more than 750 m2. The maximum size of the compartment shall be as follows, in case of sprinklered basement/building: <table><tr><th>Sl. No</th><th>Use</th><th>Compartment-ation Area m2</th></tr><tr><td>1</td><td>Basement car parking</td><td>3000</td></tr><tr><td>6</td><td>Business buildings</td><td>3000</td></tr></table>	Sl. No	Use	Compartment-ation Area m2	1	Basement car parking	3000	6	Business buildings	3000
Sl. No	Use	Compartment-ation Area m2								
1	Basement car parking	3000								
6	Business buildings	3000								
44.i	Additional Fire Safety Measures to be taken up in various Occupancies as per Rc.No.7175/MSB/HYD/2023 Dt:04-01-2024 of the Director General Disaster Response and Fire Services Department Hyderabad For podium parking type buildings, underground water tanks with a capacity of 50,000 litres shall be provided on podium level with 2850 LPM, electrical pump, one jockey pump of 180 LPM, Yard Hydrant system and portable monitors one for firefighting purpose from podium level in case of any emergency since there is no fire vehicle access on to the podium. The number of tanks shall be considered based on the number of buildings on podium.									
ii	Sufficient number of remotely operated portable water monitors shall be provided on podium level on all four sides of each building for podium parking type buildings.									
iii	In multiple buildings premises, a dedicated central fire command centre shall be provided in the premises apart from building wise fire command centre by integrating all fire command centres in the premises for effective fire safety management.									
iv	The central fire command centre shall be integrated to fire control room during the time of NOC for Occupancy for High rise Hospitals, Multiplexes, High rise buildings above 50 Metres									
v	For apartment buildings, apart from the fire extinguishers proposed in corridors, separate 02 Nos. fire extinguishers shall be provided inside of each flat in the building for use in case of any emergency inside the flat. One CO2 and one ABC type.									



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vi	If the cellar floor area is more than 15,000 Sq. Mtrs, physical partition with brick wall shall be provided in all Cellars in addition to the compartmentation with water curtain system to prevent the spread of smoke and fire.
vii	The sprinklers and smoke/heat detectors in the flats/ rooms are not closed/covered by the false ceiling while doing the interior works by the residents/tenants. The builder shall take responsibility for any loss of life or property due to non-functioning of sprinklers and smoke/heat detectors in the flats. He should upload an undertaking letter regarding this during the time of NOC for Occupancy.
viii	The provided staircases and fire towers (minimum 02 No.s) in the building shall be accessible to all inmates of the concerned floor through common area for easy evacuation in case of any emergency. The staircases and fire towers shall not be confined to any private office space and they shall be provided in common space which shall be accessible to all inmates of the building.
ix	The provided refuge areas in the building shall be freely accessible to all occupants in the building from the common areas and there should not be any access control or other obstructions to the inmates of all floors to reach the refuge areas keeping in view of its importance in case of any emergency.
x	After completion of the internal partitions and furniture layout in the floors, the travel distance from the farthest point and travel distance from the dead end of the corridor shall not exceed the values permitted as per NBC,2016.
	iii) All fire safety measures for parking floors shall be provided as per Annexure H of Part 4 NBC of India 2016
	v) A qualified fire officer and firefighting crew shall be appointed as per clause 4.10 of part 4 NBC of India 2016. (a) For large educational complexes. (b) Business buildings with height 30m and above. (c) Residential buildings with height 60m and above. (d) Institutional buildings of 15m and above. (e) Starred Hotels (f) D-6 Occupancies viz., Buildings having mixed occupancies of assembly, mercantile (Malls & Multiplexes).

13) In view of the above and as per recommendations of the multistoried building inspection Committee, the No Objection Certificate for Occupancy is issued to Multi Storied Building **Proposed School Cum College Building,KUKATPALLY M.E.O. SCHOOL, KUKATPALLY VILLAGE, BALANAGAR MANDAL, RANGAREDDY DISTRICT/-Kukatpally/Kukatpally/Medchal** with a height of **21.00** Meters for **EDUCATIONAL B-1 Schools up to senior secondary level**Occupancy subject to the following conditions,which also include the responsibilities of the Builder,Management Body of the building, Occupants and fire and security personnel.

Sl No	Builder and Management Body	Occupant	Management Body and fire and security personnel
1	-a) All the fire protection arrangements shall be maintained in good condition as seen during inspection. -b) Do's and Don'ts in case of fire shall be prominently displayed in entire building	All the escape/exit roots shall not be kept locked/blocked or encroached	All the occupants must know the correct method of operation of the fire fighting systems installed.
2	Any loss of life or property due to non-functioning of fire safety measures and other installations shall be the responsibility of the management.	All occupants shall be trained to operate the fire safety equipment during emergency.	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.
3	Addition / alteration, if any in the building may be verified by building authority.	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.	All security personnel shall be trained to operate the fire safety equipment during emergency and guiding the occupants in safe evacuation. Call the fire Brigade by dialing 101.
4	This No objection Certificate for occupancy is valid for one year from the date of issue of this letter.	Raise the alarm if the fire cannot be controlled, evacuate the area completely at once from 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.



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14.Additional Fire Safety Measures Recommended by the Department:

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This No Objection Certificate for Occupancy is valid for one year 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 : Y.Nagi Reddy
Designation : Director General
Date : 11-11-2024
Director General of Fire, Disaster Response,
Emergency & Civil Defence Department
Telangana, Hyderabad

- Copies to:
- i) The Management
 - ii) Multistoried Building Inspection Committee

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