



GSTIN No. 27AAALN0085E1Z9

कार्यदिश क्र. ०१/२०२०-२१

नाशिक महानगरपालिका, नाशिक

सर्वसाधारण पावती

BISA 1001

बुक No. N^o 853 B पास N^o 000020

श्री./श्रीमती एम. व्ही. पी. समाज नाशिक - इंटरिजन रेस्टोरेशन केंद्र

नगिन नाशिक

कोड नं. 9237

कशाबदल रकम दिली	रुपये	पैसे
लॉट नं. २४ SSC भाग सेक्टर	१,२९,६००/-	
सिडको इंधनिक इमारतीसाठी		
भाग सुरक्षा निधी	१२०,०००/-	
नपावली फि.	९६००/-	
	१,२९,६००/-	
IDBI BANK		
D.D. No. 010857		
21/06/2022	१२९६००/-	

एकूण रुपये एक लाख एक हजार आठ सहा आले ते जमा केले.

ता. २२ माहे

जून

सन २० २२



अधिकृत अधिकाऱ्याची सही

रकम रुपये १२९६००/- भरलेली

पावती मिळाली ता. 24/06/2022

सही

ड वहीत जमा केली पु
ताल/रोखपाल



NASHIK MUNICIPAL CORPORATION

FIRE & EMERGENCY SERVICE

E mail :- cfo@nashikcorporation.in

Office of the Chief Fire Officer

Ref. No: NMC / FIRE / WS / II / Edu.-05 / 2022;

DATE: 22 / 06 / 2022

To,

M/S Horizon International Academy
C/o Shri. Dhananjay M.Shinde, Architect, Nashik.

Sub: Requirements under Maharashtra Fire Prevention & Life safety Measures Act, 2006 for construction of **Educational (Institutional) Building**, in Plot No.24,S/S/C Sector Neighbourhood . Shrawan,Cidco,New Nashik, Nashik.

Ref:

1. Approval dated 03/07/2015 from City and Industrial Development Corporation of Maharashtra Limited with ref.No.BP(NT)/NSK/ADM/2015/376 Dated 03.07.2015..
2. Fire Prevention Fund Rs.1,29,600 /- (Fire Fund Rs.1,20,000/- + Inspection Fee Rs.9,600/-) Paid wide Book No.853; Pass No.000020; dated 22/06/2022

M/S **Horizon International Academy** , has decided to construct a **Educational (Institutional) Building**, in Plot No.24,S/S/C Sector Neighbourhood . Shrawan,Cidco,New Nashik, Nashik. submitted municipal drawings after scrutiny from Town Planning deptt. to this office through **C/o Shri. Dhananjay M.Shinde, Architect, Nashik.**

The details of the building are as follows,
The building abuts on **20.00** meter wide road

BUILDING DETAILS

Area of construction (Built up area of Building):	4799.69 sq. mtr. (Building "A"-2074.50,+Building "B"-2728.19Sq.Mtr
Height of Building:	12.3 mtr.
Type of occupancy:	Educational (Institutional)
Number of floors:	- Building "A" -Ground Floor+ 1 st Floor - Building "B" -Ground Floor +2 Floors
No. of staircases required:	As per DC Rule 2020 No. 9.28.7
Travel Distance :	As per DC Rule 2020 No. 9.28.4

SPECIAL REQUIREMENTS:-

As the proposed building is a Special buildings / **Educational building** as specified in D.C. Rule No. 6.2.6.1, Fire protection rules and regulations as specified in National Building code of India-2016- Part IV, (Fire and Life Safety) and **Maharashtra Fire Prevention & Life safety Measures Act, 2006** become applicable as below,

1. ACCESS & TURNING CIRCLE FOR FIRE BRIGADE APPLIANCES:

- 1.1 All entrances & exit gates for the complex shall be min. of 4.5-meter width and height.
- 1.2 Courtyard of the complex shall be capable of taking the weight of Fire Appliances weighing nearly 45 tones.
- 1.3 As a **School** building, open spaces on its **all side** shall be of **6.00 meter** width (Minimum) and shall be kept **free of obstructions** and shall be motorable for movement of Fire appliances. No parking is permissible in that area.
- 1.4 **Balconies / Porches / Garages** which will reduce the side marginal distance less than **6.00 mtrs** will not be allowed.

2. STAIRCASES:

- 2.1 As per DC Rule No. 9.28.8.
- 2.2 Width of any staircase or exit shall not be less than **2.00 mtrs.**
- 2.3 Permanent ventilation at the top of staircase shaft shall be provided and is shall be not less than 5 % of the cross sectional area of the staircase.



- 2.4 Gas pipeline, Air condition ducts, Electrical Ducts etc shall not be passed through staircase enclosure.
- 2.5 Staircase on external walls of the buildings shall directly open to exterior or interior open space or to an open space of safety.
- 2.6 The staircases shall be lighted and ventilated and the minimum size of opening on walls abutting to open space shall be minimum 0.5 sq. meters per landing.
- 2.7 No living space, store or other Fire risk shall open directly into the staircase.
- 2.8 Minimum headroom under the landing of the staircase shall be 2.2 Mt.
- 2.9 Access to staircase shall be through a fire / smoke door of minimum 2 hours Fire Resistance rating.
- 2.10 No combustible material shall be used for deduction / wall paneling in staircase.

3. ESCAPE ROUTES (CORRIDOR & LOBBIES):

- 3.1 The corridors and lobbies on each floor landings shall be ventilated directly to open air.
- 3.2 **Smoke stop doors in adequate quantity shall be provided across the corridors considering the travel distances.**
- 3.3 All exists and escape routes shall be free from obstructions. No flammable material shall be stored in corridors, lobbies or staircase landings.
- 3.4 **Lifts and escalators shall not be considered as escape routes or exits.**

4. DOORS:

- 4.1 All doorways shall open outwards, away from room but shall not obstruct the travel passage along any exit.
- 4.2 If numbers of student in a class **exceeds 45**, there shall be **two doors** to the class-room.

5. FIRE LIFT: (For buildings above 15 mtr in Height) (Minimum one lift to be provided compulsorily)

- 5.1 All the floors shall be accessible for 24 hours by the lifts.
- 5.2 The lift shaft shall not be surrounded by staircase.
- 5.3 The lift machine rooms shall be separate and no other machinery shall be installed or no combustible material shall be stored in the lift machine rooms.
- 5.4 Collapsible gates shall not be permitted for lifts, and shall be solid doors with fire resistance of not less than 1 hour.
- 5.5 The lift shall conform to the provision in National Building Code - Part IV Annex 'C'.
- 5.6 **The lift shall have a floor area of not less than 1.4 sq. meters and loading capacity of not less than 544 kg (8 persons) with automatic closing doors of 0.8 meter width.**
- 5.7 **The operation of the Fire lift shall be by simple toggle switch or two button switch situated in a glass fronted box adjacent to the lift at the entrance level. When the switch is on, landing call points become inoperative and the lift will be on car control, when the switch is off, the lift will return to normal working. The lift can be used by the occupants in normal times.**
- 5.8 The electric supply for fire lift shall be on a separate service from electric supply mains in the building and the cables run in a route safe from fire i.e. within the lift shaft.
- 5.9 In case of failure of electric supply, it shall automatically trip over to alternate supply.
- 5.10 The words "FIRE LIFT" shall be conspicuously displayed in Fluorescent paint on the lift landing doors at each floor level.
- 5.11 The fire lift should be provided with a ceiling hatch for use in case of emergency, so that when car gets stuck up, it shall be easily openable.
- 5.12 The speed of the Fire Lift shall be such that it can reach the top floor from ground level within 1 minute.

6. ALTERNATE SOURCE OF POWER SUPPLY (Compulsory): (NBC 2016-Part IV, clause C-1.15)

A stand by electric generator of sufficient capacity shall be installed to supply power to staircase and corridor lighting circuits, fire lift, the stand by fire pump, pressurization fans & blowers smoke extraction and damper system in case of failure of electric supply.



7. ELECTRICAL SERVICES:

- 7.1 The electric distribution cables / wiring shall be laid in separate duct. The duct must be sealed at every floor with non-combustible material having the same fire resistance rating as that of the duct.
- 7.2 Medium and low voltage wiring running in shaft & false ceiling shall run in separate conduits.
- 7.3 Water mains, telephone lines, gas pipes or any other service lines shall not be laid in the duct for electrical cables.
- 7.4 Separate circuits for fire fighting pumps, lifts, staircase and corridors lighting and blowers for pressurizing system shall be provided directly from the main switch gear panel and these circuits shall be laid in separate conduit pipes, so that one circuit will not affect the other.
- 7.5 Suitable circuit breakers shall be provided at appropriate points.
- 7.6 No other storage except electrical meters and panel board shall be allowed in electric control room.

8. FIRE PROTECTION SYSTEM:

As per National Building code-2016, Part-IV & Maharashtra Fire Prevention & Life safety Measures Act, 2006 the following fire protection system will have to be installed for the safety of the building.

8.1

Fire Protection Required

Sr. No.	Protection	Requirements	Provision	Remarks
1.	Portable Fire Extinguishers	Required	IS: 2190	On each floor & in Lift machine room
2.	Hose Reel	Required	IS: 884 : 1985	On each floor
3.	Down Comer	Required		
4.	Yard Hydrant	Required	IS:3844:1989 & IS 13039:1991	
5.	Automatic Fire Detection & Alarm system.	Required		Only MOEFA System
6.	Underground Static Water Storage Tank	Required 10,000 ltrs		Separate for Fire Fighting
7.	Terrace tank	Required 5,000 ltrs For Each Building		Dedicated for Fire Fighting
8.	Fire Pump	450 LPM- 1 no. electric driven - For Each Building		450 lpm @ 36mtr. Head (Min)
9.	Fire Brigade Connection for static water tank & for hydrant system.	Required	Near main entry gate.	At ground floor, @ 1.0 mtr above GL
10	Sign Indicators for all fire safety, safe evacuation of occupants in case of emergency signs	Required at Prominent Places.	Sign indicators should be provided at prominent places as per the guidelines given in IS:9457 for Safety colour and Safety IS:12349 for Fire Protection Safety Signs IS:12407 for Graphics symbols for Fire Protection Plan.	

Approval of Drawings of Fire Protection System:

Detailed drawings of Hydrant system, detection system & sprinkler system etc will be submitted for the approval of Fire Brigade department before starting of actual work.



9. FIRE DRILLS & FIRE ORDERS (Including EMERGENCY EVACUATION PLAN):

Fire notices / orders shall be prepared to fulfill the requirements of fire fighting and evacuation from the building in event of Fire and other emergency. The occupants shall be made thoroughly conversant with their actions in the event of emergency by displaying fire noticed at vantage points and also through regular training. Such notices should be displayed prominently in broad lettering.

Emergency evacuation and disaster management plan shall be prepared and followed strictly.

10. GENERAL CONDITIONS:

- 10.1 No flammable / explosive material shall be stored in the premises before prior permission from the concern department including Fire Brigade.
- 10.2 All fire fighting equipments shall be as per IS specifications bearing I.S.I. mark
- 10.3 Fire fighting systems shall be painted with PO red color.
- 10.4 Sign board such as 'No Smoking', 'Exit', 'Emergency Exit', 'Emergency Phone Nos.', 'First Aid Box', Fire orders/ drill instructions etc shall be provided at prominent places. They shall be painted in Marathi, Hindi and English with reflective / glow paint only.
- 10.5 While providing all fire and life safety provisions, the National Building code of India 2016 - Part IV & Maharashtra Fire Prevention & Life safety Measures Act, 2006 will be strictly followed.
- 10.6 The undersigned reserves right to amend any additional recommendations deemed fit during final inspection due to statutory provisions amended from time to time and in the interest of the protection of life & property.

Note:- i) Architects & Owner / builder are requested to read Following Requirements / terms and conditions carefully.

ii) If any of the Following requirements are not fulfilled or completed during construction, Final NOC from this department will not be issued.

iii) The License Agency who will install the fire Protection system will be responsible for servicing & maintenance of the system and to issue the 'Form B' certificate in January and July month of every year for next Five years.

Copy to;

A.D.T.P / Executive Engineer (Town Planning Dept)
Nashik Municipal Corporation.



CHIEF FIRE OFFICER
Nashik Municipal Corporation