



# જલગાંવ શહેર મહાનગરપાલિકા, જલગાંવ

સરદાર વલ્લભભાઈ પટેલ ટાવર, પ્રશાસકીય ઇમારત

મહાત્મા ગાંધી રોડ, નેહરુ ચૌક, જલગાંવ-૪૨૫૦૦૧ ફોન : ૨૨૨૨૨૬૧ થી ૬૫ email : jcmcjalgaoon@gmail.com



## MUNICIPAL CORPORATION OF THE CITY OF JALGAON

Sardar Vallabhbhai Patel Tower, Administrative Building

Mahatma Gandhi Road, Nehru Chowk, JALGAON -425001 Ph.2222261 to 65 email : jcmcjalgaoon@gmail.com

સંદર્ભ ક્ર./ જ.મ.ન.પા./ Fire / 756 / 2021-22

દિનાંક : 03/03/2022

Principal,  
Dr. Jagdish Patil English Medium  
C.B.S.E. School, Satod Shivar,  
Near New Muktai Temple,  
Muktainagar, Tal. Muktainagar,  
Dist. Jalgaon – 425306



Sub:- Grant of “Provisional No-Objection Certificate” to your Existing construction of on, Gat No. 133, At Satod, Tal Muktainagar, Dist. Jalgaon.

Ref: Your Application Date 03/03/2022

This has reference to your application under reference above. This office has “No-Objection (Provisional)” for your Existing construction on Gat No. 133, At Satod, Tal Muktainagar, Dist. Jalgaon. The details of the construction as per the Drawing submitted by you are as mapped under your application. The plot area is 12300.00Sqm. The proposed built up area is 1718.55Sqm.

- The occupant load in above buildings should not exceed in any case as prescribed in Table- 3 of National Building Code 2016, Part IV.

### BUILDING DETAILS

Area of construction : 1718.55 sq.mt.  
Height of Building : 11.85 meters  
Type of occupancy : Educational  
Number of floors : Ground + 2 Floor  
No. of staircases required: As per DC Rule No.17.3.4

This N.O.C. is valid subject to fulfillment of the following condition:

1. The Plans of the existing construction should be approved by Town Planning Nagar Panchayat, Muktainagar.
2. Proper roads in the premises should be provided for easy mobility of the Fire Brigade Application & marginal spaces should be kept free from obstruction all the time.
3. The load bearing capacity of internal road shall not be less than 45 tons.
4. All the firefighting equipment's shall be well maintained and should be easily accessible in case of emergency.
5. All electrical appliances fitting and fixture should be strictly flame proof.
6. On-Site & off side emergency plans shall be prepared mock drills & evacuation drills etc.
7. In future if the intends to do the expansion alteration / modification of any building an approval of this department must be obtained before commencing proposed construction.
8. Emergency telephone numbers like “Police”, “Fire Brigade”, “Hospital”, “Doctors”, and “Responsible Persons of the Builder” should be displayed in security cabin & Office of the Building.
9. The indication mark like Exit, Fire Escape, and Fire Extinguisher Fire Bucket etc. should be prominently marked with florescent paint so that it can be seen in darkness.

### Electrical Services:

1. The electric distribution cable/wiring shall be laid in separate duct. The duct shall be sealed at every alternate floor with non-combustible materials having same fire resistance as that of the duct.
2. Water mains, telephone lines, intercom lines, gas pipes or any other service lines shall not be laid in the duct of electric cable.

3. Separate circuits for water pumps, lift, staircase & corridor lighting shall be provided directly from the main switch gear panel and these circuits shall be laid in separate conduit pipes so that fire in one circuit will not affect the others.
4. The inspection panel doors and any other opening in the shaft are provided with airtight fire doors having the fire resistance of not less than two hours.
5. Medium & low voltage wiring running in shaft and within fall ceiling shall run in metal conduit.
6. An independent & well-ventilated service room shall be provided on the ground floor with direct access from outside or from the corridor for the purpose of termination of electric supply. The doors provided for the service room shall have fire resistance of not less than two hours.

**REQUIREMENT AND PROVISION: As per National Building Code 2016, The following Fire Protection System is required for the fire safety of the building:-**

Sr. No.	FIRE FIGHTING INSTALATION	Requirements	Provision	Remarks
1	Portable Fire Extinguishers	Required in all building on each floor	IS:15683 & 2190	Portable Fire Extinguisher should be installed confirming to IS 15683 & other IS Code.
2	Hose Reel	Required at prominent places.	At Various Strategic Locations	On each floor in the Staircase landing for Fire Fighting. The first aid hose reel shall be connected directly to Riser/Down comer main, and & hose Pipe shall be connected to Hydrant Valve, IS 884:1985
3	Manually operated Electronic Fire Alarm System	Required in entire building	At various locations	Manually operated Fire alarm should be provided, it should be connected to alternate power supply in case of emergency.
4	Terrace level Water Tank	10,000 ltrs.	--	For wet riser & down comer on terrace of building.
5	Fire Pumps	450 LPM Electrical driven Booster pump	--	Pump Capacity shall be Based on the Covered area of the building.
6	Two way Fire Brigade connection	Required	--	Near main entry gate
7	Sign Indicators for all Fire Safety, safe evacuation of occupant in case of emergency signs	Required at prominent places.		Sign Indicators should provide at prominent places as per the guidelines given in IS:9457 for Safety colour & Safety IS: 12349 for Fire Protection Safety Signs. IS: 12407 for Graphics symbols for Fire Protection Plan.

**Transformers:**

1. Transformer shall not be installed on upper floors.
2. The switchgears shall be housed in a separate room separated from the transformer bays by a fire-resisting wall with fire resistance of not less than four hours.
3. The transformers shall be protected providing proper fire protection.
4. A tank of RCC construction of capacity capable of accommodating entire oil from the transformers shall be provided at lower level to collect the oil from the catch pit to the tank shall be of non-combustible construction and shall be provided with a flame-arrestor.
5. No grass or shrubs shall be allowed to grow in transformer switch yard.
6. A barbed wired fencing of minimum 1.5m. Height shall provide around transformer switchyard & the gate shall be provided for entrance. The gate should be always locked & the keys should be kept with authorized responsible person of the building.
7. Danger/ No smoking board shall be displayed at the entrance gate of transformer switchyard.

### Staircase and Corridor Lightings:

- a) The staircase and corridor lighting shall be on separate service and shall be independently connected so as it could be operated by one switch installation on the ground floor easily accessible to fire fighting staff at any time irrespective of the position of the individual control of the light points if any.
- b) Staircase and corridor lighting shall also be connected to alternate source of supply.
- c) Suitable arrangements shall be made by installing double throw switches to ensure that the lighting installed in the staircase and the corridor do not get connected to the sources of supply simultaneously.
- d) Double throw switch shall be installed in the service room for terminating the stand by supply.
- e) Emergency lights shall be provided in the staircase/corridor.

### Staircase Design Requirement:

1. The minimum headroom in a passage under the landing of a staircase and under the staircases shall be 2.2Mtr. & width not less than 1.5Mtr.
2. Access to main staircase shall be through a fire / smoke check door of a minimum 2 hours fire resistance rating.
3. No living space store or other fire risk shall open directly in to the staircase.
4. The main and external staircase shall be continuous from ground floor to the terrace level.
5. No electrical shafts, A/c ducts or gas pipe etc. shall pass through or open in the staircases. Lifts shall not open in staircases.
6. The M.S. angel staircases are not permitted.

### Exit Requirement:

1. An exit may be doorway, corridor, Passageway(S) to an internal staircase, or external staircase, or to a verandah or terrace(s), which have access to the street, or to the roof of a building or a refuge area. An exit may also include a horizontal exit landing to an adjoining building at the same level.
2. Every exit, exit access or exit discharge shall be continuously maintained free of all obstructions or impediments to full use in the case of fire or other emergency.
3. Exit shall be clearly visible and the route to reach the exit shall be clearly marked and signs posted to guide the occupants of the floor concerned. Signs shall be illuminated and wired to an independent electric circuit on an alternative source of supply.
4. To prevent spread of fire and smoke, fire doors with 2 hours fire resistance shall be provided at appropriate places along the escape routes & particularly at the entrance to lift lobby and stair well where a 'funnel or flue effect' may be created including an upward spread of fire.
5. All exits shall provide continuous means of egress to the exterior of a building or to an exterior open spaces leading to the street.
6. Exits shall be so arranged that they may be reached without passing through another occupied unit.

### Emergency and Escape Lighting:

1. Emergency lighting shall be powered from a source independent of that supplying the normal lighting. Escape lighting shall be capable of
  - a) Indicating clearly and unambiguously the escape routes.
  - b) Providing adequate illumination along such routes to allow safe movement of persons towards and through the exits.
  - c) Ensuring that fire alarm call points and firefighting equipment provided along the escape routes can be readily located.
2. The horizontal luminance at floor level on the central line of an escape route shall be not less than 10 Lux. In addition, for escape routes up to 2 m. wide, 50 percent the route width shall be lit to a minimum of 5 Lux.
3. The emergency lighting shall be provided to be put on within 1 s of the failure of e-normal lighting supply.
4. Escape lighting luminaries should be site to cover the following location:
  - a) Near each intersection of corridors.
  - b) At each exit door.
  - c) Near each change of direction in the escape route.
  - d) Near each staircase so that each flight of staircase receives direct light.
  - e) Near any other change of floor level.
  - f) Outside each final exit and close to it.
  - g) Near each fire alarm call point.



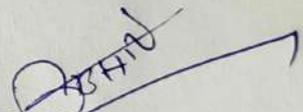
- h) Near firefighting equipment, and
  - i) To illuminate exit and safety signs as required by the fire department.
5. Emergency lighting systems shall be designed to ensure that a fault or failure in any one luminary does not further reduce the effectiveness of the system.
  6. The luminaries shall be mounted as low as possible but at least 2 m above the floor level.
  7. Signs are required at all exits, emergency exits and escape routes which should comply with the graphic requirements of the relevant Indian Standard.
  8. Emergency lighting luminaries and their fitting shall be of non-flammable type.
  9. It is essential that the wiring and installation of the emergency lighting system are high quality so as to ensure their perfect serviceability at all times.
  10. The emergency lighting system shall be capable of continuous operation for a minimum duration of 1 hour & 30 min. even for the smallest premises.
  11. The emergency lighting system shall be well maintained by periodical inspection and tests so as to ensure their perfect serviceability at all times.

In addition to the above all provision under and N.B.C. 2016 shall be strictly adhered.

This is a "Provisional No-Objection Certificate" and shall be treated valid for the period of **One Year** from the date of issue. The "Final N.O.C." will be issued after satisfactory compliance to all above mentioned condition & satisfactory inspection of firefighting installations and arrangements provided by you. If the above mentioned fire prevention & protection arrangements are not provided maintained or retrenched this "Provisional No-Objection Certificate" will stand cancelled without any notice which may please be noted.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and in the interest of the protection of the premises.



  
Fire Officer  
Jalgaon City Municipal Corporation