

MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION

(A Government of Maharashtra Undertaking)

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No, MIDC/Fire C84842

Date : 25-08-2022

M/s. Esteem Labels Private Limited

Plot No: GEN-16/4/B

MIDC Satpur

Dist: Nashik

Sub: Grant of "Provisional No-Objection Certificate" proposed construction for Industrial Building on GEN-16/4/B at MIDC Satpur ,Dist- Nashik.

Ref: Your application in BPAMS no SWC/35/521/20220810/851880

Dear Sir,

This has reference to the above this office has **"No Objection (Provisional)"** for your proposed construction / addition and alteration on **Plot No: GEN-16/4/B** at MIDC, **Satpur**. The details of the constructions as per the drawing submitted by you are as mapped under your BPAMS application. The Plot Area of the co. is **621.71 Sq mtr**. The existing built up area is (Approved / Existing BUA) 0 Sq. Mtr. and the proposed built up area is **535.2 Sq.Mtr**. The height of the tallest proposed structure is **14.95 mtr**. The area wise details of each floor are as under:

Building : A (PEOPOSED AREA)

Floor Name	Proposed FSI Area	Bal	Terrace	Stair	Lift	Pass	Lift Lobby	Staircase Lobby
	Ind.	Ind						
Third Floor...	178.40	16.47	0.00	22.20	4.00	0.00	3.40	0.00
Second Floor...	178.40	16.47	0.00	22.20	4.00	0.00	3.40	0.00
First Floor...	178.40	16.47	0.00	22.20	4.00	0.00	3.40	0.00
Parking Floor...	0.00	0.00	0.00	22.20	4.00	0.00	3.40	0.00
Total :	535.20	49.40	0.00	88.80	16.00	0.00	13.60	0.00
Total Number of Same Buildings :	1							
Grand Total :	535.20	49.40	0.00	88.80	16.00	0.00	13.60	0.00

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

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

1. **The plans of the proposed construction (adhering to the D.C. Rules of MIDC & National Building Code-2016 where necessary,) should be approved by the Executive Engineer, MIDC, Division, Nashik , (Special Planning Authority).**
2. **The Drainage completion certificate & Occupation certificate should be obtained from Executive Engineer, MIDC, Division Nashik. The B.C.C. & D.C.C. shall be issued subject to “Final NO-Objection Certificate” from fire department.**
3. **Under Section 3 of Maharashtra Fire Prevention and Life Safety Measures Act, 2006 (hereinafter referred to as “said Act”)**
The applicant (developer, owner, occupier by whatever name called) shall comply with all the Fire and Life Safety measures adhering to National Building Code of India, 2016 and as amended from time to time failing which it shall be treated as a violation of the said Act.
4. **As per the provision as under: - 10 of the said Act.** No person other than the License Agency shall carry out the work of providing Fire Prevention and Life Safety Measures or performing. Such other related activities required to be carried out in any place or building or part thereof:
A list of License Agency is available on Maharashtra Fire Services website www.mahafireservice.gov.in. It is mandatory to submit fire prevention and fire protection drawings prepared by License Agency. The same should be got approved from fire department.
No Licensed Agency or any other person claiming to be such Licensed Agency shall give a certificate under sub-section (3) of section 3 regarding the compliance of the fire prevention and life safety measures or maintenance thereof in good repair and efficient condition, without there being actual such compliance or maintenance.
5. **Under Section 11 of the said Act,** the fire service fees shall be assessed and the same shall be payable after serving the notice to that effect or prior to issue of the building completion certificate or occupancy certificate whichever is earlier.
6. **Under Section 45 of the said Act,** the owner/occupier or developer shall appoint Fire Officer/Officers and staff for taking adequate Fire and Life Safety Measures, qualifications and experience of such persons be got approved from the Director, Maharashtra Fire Services.
7. Though certain conditions are stipulated from the said Act and the National Building Code of India, it is obligatory on part of the applicant that is developer, builder, occupier, owner, tenant, by what so ever named called to abide with the provisions of the said Act failing which it shall be actionable under the provisions of said act.
8. Emergency Telephone numbers like **“Police”, “Fire Brigade”, “Hospital”, “Doctors”, and “Responsible persons of the company”** should be displayed in security cabin & office of the Company.
9. Proper roads in the premises should be provided for easy mobility of the Fire Brigade Appliance & Marginal spaces around the building should be kept free from obstructions & open to sky at all the time. Minimum marginal spaces should be confirming with **Table No.10 of D.C. Rules of MIDC, 2009**. The load bearing capacity of internal roads shall not be less than **45 Tons**.

10. All portable fire fighting equipments installed at various locations as per local hazard such as Co2-ABC, Foam, Fire buckets should be strictly as per and confirming to **IS: 15683/2006**.
11. All the fire fighting equipments shall be well maintained and should be easily accessible in case of emergency.
12. It shall be ensured that security staff & every employee of the Company are trained in handling fire fighting equipments & fire fighting.
13. **“Fire Extinguisher”, “Fire Bucket” “Danger” “No Smoking”** caution boards should be displayed at the places physically shown & the caution boards should be easily visible from a distance.
14. The house keeping shall be well maintained within the entire factory area.
15. **The Fire Safety requirements of IS 3594 i.e. Code of Practice for fire safety of industrial buildings: General storage and warehousing including cold storage shall be followed.**
16. **In future if the Company intends to carry out any expansion of the building, an approval of this department must be obtained before commencing proposed construction.**

REQUIREMENT AND PROVISION: - The following Fire Protection System is required for the fire safety of the building:-

Sr.No	FIRE FIGHTING INSTALLATION	Requirements	Provision	Remarks
1	Portable Fire Extinguishers	Required in all buildings on each	IS: 15683 & 2190.	Required in all buildings on each floor.
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 diameter of the hose reel shall not be less than 19mm confirming to IS 884:1985
3	Wet Risers & Down Comers	Required in entire Bldg.	In all staircases & fire escape staircases	Required to provide in the Staircase and Fire Escape Staircase. Landing of Valve should be installed confirming to IS:5290.
4	Underground Static Tank	Required 20000 liters		This water storage should be exclusively for Fire Fighting..
5	Terrace Level Tank	Required 10000 liters		For wet riser cum down comer. On each terrace of Building

6	Fire Pump	2 No. 600 LPM electrical driven main pumps 1 No. 180 LPM electric driven jockey pump 1 No. 450 LPM electric driven booster pump	Fire Fighting pumps shall be well maintained. A separate arrangement of pumping should be done for sprinkler system. All the fire pumps must be centrifugal pumps only
7	Sign Indicators for all firesafety, safe evacuation ofoccupants in case of emergency signs	Required at Prominent Places.	Sign indicators should be provided at prominent places as per theguidelines given in IS:9457 for Safety color and Safety IS:12349 for Fire Protection Safety Signs IS:12407 for Graphics symbols for Fire Protection Plan.
8	Fire Brigade Connection- For Static Water Tankand For Hydrant System	Required at the Main Gate and on fire water tank	

GUIDELINES FOR INTERNAL STAIRWAYS as per NBC 2016

- a) Stairways shall be constructed of non-combustible materials throughout. Hollow combustible construction shall not be permitted. Width of Staircase should be 1.5 M.
- b) No Gas piping shall be laid down in the stairway.
- c) Internal staircase shall be constructed as a self-contained unit with at least one side adjacent to an external wall and shall be completely enclosed.
- d) Internal staircase shall not be arranged around lift shaft unless the later is entirely enclosed by material of fire resistance rating as that for type of construction itself.
- e) The access to main staircase shall be gained through at least half-an-hour fire resisting automatic closing doors, placed in the enclosing walls of the staircase. They shall be swing type doors opening in the direction of the escape.
- f) No living space, store or other space, involving fire risk, shall open directly in to staircase.
- g) The external exit door of a staircase enclosure at ground level shall open directly to the open space or should be accessible without passing through any door other than a door provided to form a draught lobby.
- h) The exit signs with arrows indicating the escape routes shall be provided at a height of 1.5 m. from the floor level on the wall and shall painted with fluorescent paint. All exit signs should be flush with the wall and so designed that no mechanical damage to them can result from the removing furniture, material or any other equipment.
- i) **Exits shall be so located that it will not be necessary to travel more than 30 m. from any point to reach the nearest exit.**

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. Double throw switch shall be installed in the service room for terminating the stand by supply.
- d) **Emergency lights shall be provided in the staircase/corridor.**
- e) **Passageway should be provided as per the guidelines given in National Building Code- 2005.**

STAIRCASE DESIGN REQUIREMENT:

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

FIRE LIFT :

1. To enable fire services personnel to reach the upper floors with the minimum delay, one fire lift per **1200 Sq. Mtrs.** of floor area shall be provided and shall be available for the exclusive use of the fireman in an emergency.
2. The lift shall have a floor area of not less than **1.4 Sq. Mtrs.** It shall have loading capacity of not less than **545 Kg. (8 persons)** with automatic closing doors of minimum **0.8 Mtrs.** width.
3. The electric supply shall be on a separate service from electric supply mains in a building and the cables run in a safe route safe from fire, that is, within the lift shaft. Lights and fans in the elevators having wooden paneling or sheet steel construction shall be operated on 24 Volt supply.
4. Fire fighting lift should be provided with a ceiling hatch for use in case of emergency, so that when the car gets stuck up, it shall be easily open able.
5. In case normal electric supply fails, it shall automatically trip over to alternate supply. Alternatively, the lift shall be so wired that in case of power failure it will come down to the ground level and stand still with door open.

6. The operation of a fire lift is by a simple toggle 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 should become inoperative and the lift will be on car control only or on a priority device. When the switch is off, the lift will return to normal working.
7. The words “**Fire Lift**” shall be conspicuously displayed in fluorescent paint on the lift landing doors at each floor level. The speed of the fire lift shall be such that it can reach the top floor from ground level within **1 Min.**

LIFT ENCLOSURES : -

1. The walls enclosing lift shafts shall have a fire resistance of not less than **two** hours.
2. Shafts shall have permanent vents at the top not less than 1800 mm (0.2sq.m.) in clear area.
3. Lift motor room shall preferably be sited at the top of the shaft and shall be separate from lift shafts by the enclosing wall of the shaft or by the floor of the motor room.
4. Landing doors in lift enclosures shall open in the ventilated corridor/lobby & shall have fire resistance of not less than one hour.
5. The number of lifts in one lift bank shall not exceed four Lift car doors shall have fire resistance of not less than one hour.
6. Exit from the lift lobby shall be through a self-closing smoke top door of half hour fire resistance.
7. The lift machine room shall be separate and no other machinery shall be installed therein.
8. Grounding switch/switches at ground floor level to enable the fire service personnel to ground the lift car/cars in emergency shall be provided.

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. Exits shall be clearly visible and the route to reach the exits 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 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.

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.

GUIDELINES FOR PLANT AREA:

1. Portable fire fighting equipments should be installed at various locations as shown at the time of inspection, such as Co2-DCP, Foam, Fire buckets should be strictly confirming to relevant IS specification. All the fire fighting equipments shall be well maintained and should be easily accessible in case of emergency.
2. **“Fire Extinguisher”, “Fire Bucket” “Danger” “No Smoking”** caution boards should be displayed at the places physically shown & the caution boards should be easily visible and as per the guidelines given in IS:9457, IS:12349 and IS:12407.
3. The house keeping shall be well maintained within the entire plant area.

GUIDELINES FOR RAW MATERIAL STORE/GODOWN : -

1. The storage in Godown should be in a systematic way, proper roads pathways and passageway should be marked by **“Yellow”** colour & should be kept free of obstruction at all the time.
2. The maximum stacking height should be marked on the walls in **“RED”** colour. The stacking height should not be more than the red line. Red line should be marked on 1.5 Mtrs. from lowest roof level.
3. All electrical fitting, fixtures should be flameproof & confirming to relevant IS. All electrical wiring, fitting & fixture should be above the red line (stacking limit line)
4. The indication mark like **Exits, Fire Escape**, etc. should be prominently marked with florescent paint so that it can be seen in dark.

GUIDELINES FOR FIREFIGHTING PUMP HOUSE

The requirements shall be as given below:

- a) It is preferable to install the pump house at ground level. Pump house shall be situated so as to be directly accessible from the surrounding ground level.
- b) Pump house shall be installed not lower than the second basement. When installed in the basement, staircase with direct accessibility (or through enclosed passageway with 120 min fire rating) from the ground, shall be provided. Access to the pump room shall not require to negotiate through other occupancies within the basement.
- c) Pump house shall be separated by fire walls all around and doors shall be protected by fire doors (120 min rating).
- d) Pump house shall be well ventilated and due care shall be taken to avoid water stagnation.
- e) No other utility equipment shall be installed inside fire pump room.
- f) Insertions like flexible couplings, bellows, etc, in the suction and delivery piping shall be suitably planned and installed.

- g) Installation of negative suction arrangement and submersible pumps shall not be allowed.
- h) Pump house shall be sufficiently large to accommodate all pumps, and their accessories like PRVs, installation control valve, valves, diesel tank and electrical panel.
- i) Battery of diesel engine operated fire pump shall have separate charger from emergency power supply circuit.
- j) Exhaust pipe of diesel engine shall be insulated as per best engineering practice and taken to a safe location at ground level, considering the back pressure.
- k) Fire pumps shall be provided with soft starter or variable frequency drive starter.

ELECTRICAL SERVICES:

1. The electric distribution cables/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 cables.
3. Separate circuits for water pumps, lifts, 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 shall be 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.

In addition to the above, all provision under the D.C. Rules of MIDC and N.B.C. shall be strictly adhered, also if any change in activity or Proposed expansion or Subletting of Plot or Transfer of Plot, NOC from this department is essential.

This is a “**Provisional No-Objection Certificate**”, which shall be treated valid for the period of one year from the date of issue and it is your responsibility to get the same renewed. After compliance to all above recommendation the inspection of the same will be carried out by the representative of this office & after satisfactory inspection “**Final No-Objection Certificate**” may be issued.

Details of "Fire Protection Fund Fees" are as follows:

	Total Amount	Advance "Fire Protection Fund fees" paid by <u>M/s. Esteem Labels Private Limited</u> Vide receipt no MCH/6757/2022 Dt 21/03/2022 ERP Voucher No. GL23232655	Balance "Fire Protection Fund fees" needs to be recovered by SPA
(i)	(ii)	(iii)	(iv)
Initial "Fire Protection Fund fees"	20000	10000	10000
Additional "Fire Protection Fund fees"	0	0	0
Total	20000	10000	10000

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 company.

Thanking you.

Yours faithfully,

MILIND
V
OGALE

Digitally signed
by MILIND V
OGALE
Date: 2022.08.25
17:18:07⁺05'30'

(M. V. Ogale)
Dy. Chief Fire Officer,
MIDC, Mumbai-400 093.

Copy to SPA Division Nashik, for information. He is requested to recover the Balance fees mentioned in column no. (iv) of above table before issuing work commencement certificate/plan approval.