

MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION
(A Government of Maharashtra Undertaking)

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No. MIDC/FIRE/B-00589
Date: 22/03/2023

M/s. Matsyodari Steel And Alloys Pvt. Ltd.,
Plot No. D-31, D-32, D-33, D-34, MIDC, Jalna Phase-I,
Indl. Area Jalna.

Sub: Grant of "Provisional No-Objection Certificate" for your Proposed construction of industrial building on Plot No. D-31, D-32, D-33, D-34, at MIDC, Jalna Phase-I Indl.area Jalna.

Ref: 1) Your Application vide No.SWC/115/521/20230214/888372

Dear Sir,

This has reference to your application under reference above, this office is issuing "**Provisional No Objection Certificate (Provisional)**" to your proposed construction on Plot No. **D-31, D-32, D-33, D-34**, MIDC, Jalna Phase-I Indl. Area Jalna. The details of the construction as per the drawing submitted by you are as mapped under your BPAMS application. The plot area is **30261.00 Sq. M.** The existing built up area is **23587.81 Sq. M.** The proposed built-up area is for built up area admeasuring **1198.54 Sq. M.** The height of the proposed tallest structure is **12.17 Mtr.** The details of the proposed construction are as under;

Building : A (BLDG.)

| Floor Name | Proposed FSI Area | Terrace | Stair | Lift | Pass | Lift Lobby | Staircase Lobby |
|---|-------------------|---------|--------|------|------|------------|-----------------|
| | Ind. | | | | | | |
| Second Floor... | 151.75 | 225.07 | 25.48 | 0.00 | 0.00 | 0.00 | 0.00 |
| First Floor... | 342.08 | 0.00 | 60.22 | 0.00 | 0.00 | 0.00 | 0.00 |
| Ground Floor... | 342.08 | 0.00 | 60.22 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total : | 835.91 | 225.07 | 145.91 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Number of Same Buildings : | 1 | | | | | | |
| Grand Total : | 835.91 | 225.07 | 145.91 | 0.00 | 0.00 | 0.00 | 0.00 |

Building : B (G +1)

| Floor Name | Proposed FSI Area | Terrace | Stair | Lift | Pass | Lift Lobby | Staircase Lobby |
|---|-------------------|---------|-------|------|------|------------|-----------------|
| | Ind. | | | | | | |
| First Floor... | 105.94 | 150.75 | 17.37 | 0.00 | 0.00 | 0.00 | 0.00 |
| Ground Floor... | 256.69 | 0.00 | 17.37 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total : | 362.64 | 150.75 | 34.74 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Number of Same Buildings : | 1 | | | | | | |
| Grand Total : | 362.64 | 150.75 | 34.74 | 0.00 | 0.00 | 0.00 | 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 NOC is valid subject to fulfillment of following condition:

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 Deputy Engineer, Jalna Sub Division, (Special Planning Authority).
2. The Drainage completion certificate & Occupation certificate should be obtained from Deputy Engineer, Jalna Sub Division. 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, 2005 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 pretension and fire protection drawing 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 said Act,** the owner/occupier or developer shall appoint Fire Officers and staff for taking adequate Fire & Life Safety Measures, qualification & 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. All portable fire fighting equipments installed at various locations as per local hazard such as Co2-DCP, Foam, Fire buckets should be strictly as per and confirming to **IS: 15683/2006.**
9. All the fire fighting equipments shall be well maintained and should be easily accessible in case of emergency.
10. Emergency Telephone numbers like "Police", "Fire Brigade", "Hospital", "Doctors", and "Responsible persons of the company" should be displayed in the Co.
11. "Fire Extinguisher", "Fire Bucket" "Danger" "No Smoking" caution boards should be displayed at the places easily visible from a distance.
12. Proper road 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.**
13. The house keeping shall be well maintained within the entire Co. area.

14. In future if the company intends to carry out any expansion / alteration / modification of building, an approval of this department must be obtained before commencing proposed construction.
15. You are hereby informed that the proposed building or part of building or floor or part of floor shall not be occupied without obtaining "Final No-Objection Certificate" from this office and without obtaining "Occupation Certificate" from concerned Special Planning Authority of MIDC failing which you will be fully responsible for consequences, if any which may please be noted.

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 building on each floor | IS: 15683 & 2190. | Portable Fire Extinguisher should be installed confirming to IS 15683 & IS 2190. |
| 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 Hydrant Line and diameter of the hose reel shall not be less than 19mm confirming to IS 884:1985 |
| 3 | Yard Hydrant or Ring hydrant around the building | Required | Fire Brigade Inlet connection should be provided. Hydrant points should be provided with 2 Nos. of Delivery Hose confirming to IS-636 along with Standard Branch (Universal) confirming to IS-2871. The distance between 2 Hydrants should not be more than 30 Mtrs. <u>The guidelines should be followed as per IS 3844:1989 & Is 13039:2012.</u> | |
| 4 | Automatic Smoke Detection System | Required (If fall ceiling voids exceeding 800mm of height above false Detection system should be provided) | Automatic Smoke Detection system should be provided. Standards and guidelines given in IS-11360-1985 specification for Smoke Detectors for use in Automatic Electrical Fire Alarm system & IS 2189:2008 Selection, Installation & Maintenance of Automatic Fire Detection & Alarm system should be followed. | |
| 5 | Manually Operated Fire Alarm System | Required In all building | Manually Operated Fire Alarm should be provided; it should be connected to alternate power supply in case of emergency. | |
| 6 | Underground Static Storage Tank | Required 1,50,000 liters Existing Water Tank shall be used. | This water storage should be used exclusively for Fire Fighting. | |
| 7 | Fire Pump | 2 Nos. 2280 lpm electrical driven main pump. 1 No. 2280 lpm Diesel driven standby pump 2 Nos.180 lpm Electrical Jockey pump. Existing pumps shall be used. | | Fire Fighting pumps shall be well maintained. Separate arrangement of pumping should be done for sprinkler system. Fire pumps shall be centrifugal pumps only. |
| 8 | Fire Brigade Connection- For Static Water Tank and For Hydrant System | | | Required at the Main Gate |
| 9 | Sign Indicators for all fire safety, safe evacuation of occupants in case of emergency signs | Required at Prominent Places. | Sign indicators should 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. | |

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 should **be marked by "Yellow" colour & should be kept free of obstruction 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 darkness.

Transformers:

1. Transformers 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 by an automatic high-pressure water spray (emulsifier) system.
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 switchyard.
6. A barbed wired fencing of minimum 1.5m. Height shall be provided 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 company.

7. Danger/ No smoking board shall be displayed at the entrance gate of transformer switchyard.

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.

Fire Fighting Pump House:-

- 1) 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.
- 2) Pump house shall be installed not less 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 than occupancies within the basement.**
- 3) Pump house shall be separated by fire walls all around and door shall be protected by fire doors (120 min. rating).
- 4) Pump house shall be well ventilated and due care shall be taken to avoid water stagnation.
- 5) No other utility equipment shall be installed inside fire pump room.
- 6) Insertions like flexible couplings, bellows, etc, in the suction and delivery piping shall be suitably planned and installed.
- 7) Installation of negative suction arrangement and submersible pumps shall not be allowed.
- 8) Pump house shall be sufficiently large to accommodate all pumps, and their accessories like PRVs, installation control valve, valves, diesel tank and electrical panel.
- 9) Battery of diesel engine operated fire pump shall have separate charger from emergency power supply circuit.
- 10) 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.
- 11) Fire pumps shall be provided with soft starter or variable frequency drive starter.

In addition to the above, all provisions 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 follow:

| Particulars | Total Amount (Rs.) | Advance “Fire Protection Fund Fees” paid by M/s. Matsyodari Steel And Alloys Pvt. Ltd. Vide receipt No.MCH/2667/2023 Dtd.21/03/2023 | Balance “Fire Protection Fund Fees” Needs to be recovered by SPA” |
|--|-------------------------------|--|--|
| (i) | (ii) | (iii) | (iv) |
| Initial “ Fire Protection Fund Fees” | 35400.00 | 00.00 | 35400.00 |
| Additional “ Fire Protection Fund Fees” | 00.00 | 00.00 | 00.00 |
| Total | 35400.00 | 00.00 | 35400.00 (Including GST) |

The undersigned reserves the right to amend/suggest any additional recommendations deemed fit during the stage wise 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,

(S. S. Warick)
Chief Fire Officer & Fire Advisor
MIDC, Mumbai-400 093.

Copy to The Executive Engineer, MIDC Division, Jalna for information. **He is requested to recover the balance fees mentioned in column No. (IV) above table before issuing work commencement certificate/plan approval.**