

Government of Andhra Pradesh
A.P. State Disaster Response and Fire Services Department
Provisional Fire No Objection Certificate

To
 GVMC,
 VISHAKAPATNAM
 Sir/Madam,

File No: 18944/VSP/MSB/2023
 Date: 14/06/2023

Sub: Andhra Pradesh State Disaster Response and Fire Services Department - Issue of Provisional No Objection Certificate for the Proposed Construction of Multi Storeyed Building of **(AMTZ MEDPOLIS SQUARE 4554 PVT. LTD.) SYED WASEEM AKHTAR, PLOT NO:D1-55(P) & D1-56(P), SURVEY NO.480/2, SITUATED IN ANDHRA PRADESH MEDTECH ZONE LTD.,OLD REVENUE WARD NO.54, NEW REVENUE NO.77, ZONE VI OF GVMC, NADUPURU, PEDAGANTYADA(M), VISAKHAPATNAM DISTRICT, ANDHRA PRADESH.** - Regarding.

- Ref:
1. Online Application Dt. 12/06/2023 , SYED WASEEM AKHTAR, PLOT NO:D1-55(P) & D1-56(P), SURVEY NO.480/2, SITUATED IN ANDHRA PRADESH MEDTECH ZONE LTD.,OLD REVENUE WARD NO.54, NEW REVENUE NO.77, ZONE VI OF GVMC, NADUPURU, PEDAGANTYADA(M), VISAKHAPATNAM DISTRICT, ANDHRA PRADESH.
 2. Online Inspection Report submitted by Officers of this Department on 14/06/2023.
 3. Setbacks for the High-rise buildings as per Home (Prisons & Fire) Department Memo.No. 13165/2018-P&F Dt.25-09-2018 and Circular Memo No. MAU01-28029/67/2018-M SEC-MAUD (M2), Dt. 26-07-2018

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It is to inform that SYED WASEEM AKHTAR have applied for Provisional No Objection Certificate on 12/06/2023 for proposed construction of Multi Storeyed Building for AMTZ MEDPOLIS SQUARE 4554 PVT. LTD. at PLOT NO:D1-55(P) & D1-56(P), SURVEY NO.480/2, SITUATED IN ANDHRA PRADESH MEDTECH ZONE LTD.,OLD REVENUE WARD NO.54, NEW REVENUE NO.77, ZONE VI OF GVMC, NADUPURU, PEDAGANTYADA(M), VISAKHAPATNAM DISTRICT, ANDHRA PRADESH.. The officers of the department have scrutinized the documents and plans submitted by the applicant along with the undertaking provided by the applicant, and have submitted the following report.

AMTZ MEDPOLIS SQUARE 4554 PVT. LTD.

2. The builder has proposed to construct a Multi Storeyed Building with 2 Stilts + 4 Upper Floors with a height of 26.9 Mtrs for Business Occupancy (Category - E2) in a total plot area of 4860 sq. meters.
3. The builder has proposed open spaces all around the building

Side	Open Space Required as per GO.Ms.No.119(APBR , 2017) of MA & UD Dept	Open Space Proposed by the Builder	
North	8 Meters	9.00 Meters	
East	8 Meters	9.00 Meters	

Side	Open Space Required as per GO.Ms.No.119(APBR, 2017) of MA & UD Dept	Open Space Proposed by the Builder	
South	8 Meters	9.00 Meters	
West	8 Meters	9.00 Meters	

4. The builder has proposed to provide the following means of escape, as per clauses 4.3 and 4.4. of Part - IV, NBC 2016

Sl	Details of Staircases	Required Nos / Meters as per NBC	Required based on Floor Area	Proposed Nos / Meters
1	Internal Staircases	Min 1 No. - 1.5 Meters Each	--	2 Nos. - 1.50 Meters Each
2	External Staircases	Min 1 No. - 1.5 Meters	--	1 No. - 1.50 Meters
3	Ramp (above Ground)	Min 1 No. - 2.0 Meters	--	0 No. - 0.00 Meters
4	Basement Ramp	Min 1 No. - 1-Way: 3.6 / 2-Way: 5.4 Meters	--	0 No. - 0.00 Meters
Total		2 Nos.	2 Meters	4.50 Meters

5. The builder has proposed to provide Occupant Load as per unit Exit width:

Sl	Floor	Built up area (Sq Mtrs)	Occupancy Type	No of Occupants as declared by the builder	No of Occupants as per NBC	Aggregate width of Staircases/Doors Required (Meters)	Aggregate width of Staircases/Doors Proposed (Meters)	Fire Doors	Fire Lift
1	Stilt-2	1601.35	Parking	10	--	0	5.5	3	0
2	Stilt-1	2268	Parking	10	--	0	5.5	3	0
3	First Floor	2268	Business	226	226	2.26	5.5	3	0
4	Second Floor	2268	Business	226	226	2.26	5.5	3	0
5	Third Floor	2268	Business	226	226	2.26	5.5	3	0
6	Fourth Floor	2268	Business	226	226	2.26	5.5	3	0
	Total	12941.35		924	904				

6. The minimum Fire Fighting Installations required as per Table 7 of Part 4 of National Building Code of India 2016 are:

Sl	Fire Safety System	Minimum Required
1	Fire Extinguishers	132 Nos.
2	Hose Reel Systems	29 Nos.

SI	Fire Safety System	Minimum Required
3	Wet Riser	5 Nos (For Each Floor)
4	Down Comer	Nos (For Each Floor)
5	Yard Hydrants	YH_45
6	Automatic Sprinkler System	941 Nos.
7	Manually Operated Electric Fire Alarm System	18 Nos.
8	Automatic Detection & Alarm System	234 Nos.
9	Underground Tank	150000 Ltrs
10	Terrace Tank	20000 Ltrs
11	Fire Pump	Note 11
12	Booster Pump	

7. The builder has proposed to provide the following floorwise Fire Fighting installations as per Table 7 of Part - 4 of NBC of India 2016.

Sl.	Floor	Fire Ext.	Hose Reel	Wet Riser	Down Comer	Yard Hydrants	Sprinklers	MCP	Auto. Det.	Underground Tank	Terrace Tank	Fire Pump	Boost Pum
1	Stilt-2	17 17	4 4				77 77	3 3	29 29				
2	Stilt-1	23 23	5 5				108 108	3 3	41 41				
3	First Floor	23 23	5 5				189 189	3 3	41 41				
4	Second Floor	23 23	5 5				189 189	3 3	41 41				
5	Third Floor	23 23	5 5				189 189	3 3	41 41				
6	Fourth Floor	23 23	5 5				189 189	3 3	41 41				
	Total	132 / 132	29 / 29	5 Nos (For Each Floor) 5 Nos (For Each Floor)	-- --	YH_45 _YH YH_45 _YH	941 941	18 18	234 234	150000 Ltrs 150000 Ltrs	20000 Ltrs 20000 Ltrs	Note 11 Note 11	-- --

- **Wet Riser / Down Comer - 100mm with single outlet landing valves.**
- **Provide 1 Yard Hydrant for every 45 mts of Travel Distance along the Perimeter.**
- **Provide ABC 5 kg/6 kg fire extinguishers**
- **Note 11: Provide required number of sets of pumps each consisting of 2 Electric and 1 Diesel Pump (standby) of capacity 2280 Litres/min and two Electric Pump of Capacity 180 Litres/min.**

8. The Officers of the department have recommended to issue The Provisional No Objection Certificate for the proposed construction of MSB Business Building (E2) belonging to **SYED WASEEM AKHTAR PLOT NO:D1-55(P) & D1-56(P), SURVEY NO.480/2, SITUATED IN ANDHRA PRADESH MEDTECH ZONE LTD., OLD REVENUE WARD NO.54, NEW REVENUE NO.77, ZONE VI OF**

GVMC, NADUPURU, PEDAGANTYADA(M), VISAKHAPATNAM DISTRICT, ANDHRA PRADESH., subject to the following conditions.

1. **The permission accorded does not confer any ownership rights. If it is found that the information furnished is false and fabricated, the permission will be revoked at any stage and the applicant will be liable for criminal prosecution as per IPC.**
2. This permission is given based on the information, documents and drawings provided by the applicant. The applicant confirms that the information provided and the documents and drawings submitted electronically are correct. The final approvals of proceedings are subject to verification of documents by concerned official including site visit. Any deviation noticed will lead to cancellation of NOC.
3. Prior approval should be obtained separately for any change of nature of occupancy or change of number of floors or area.
4. Structural safety shall be the responsibility of the Owner / Builder / Developer / Architect or Engineer.
5. Provide one entry and one exit to the premises with minimum width of 4.5 mts and height clearance of 5.0 mtrs.
6. Provide diesel generator of required capacity as alternate source of electric supply.
7. Provide emergency lighting in corridors, common passages and staircases.
8. The occupant load and occupants per unit exit width and minimum travel distance for occupancy shall be as per clause 4.3 (Table 3), clauses 4.4.2.1, Table 4 Capacity factors, Clauses 4.4.2.1, 4.4.2.3(c), 4.4.2.4.2(a) and Table 5 Clauses 4.4.2.1, 4.4.2.2, of part 4-NBC 2016
9. The building shall be suitably compartmented so that fire/smoke remain confined to the area where fire incident has occurred and does not spread to the remaining parts of the building as per clause 4.5 Part 4 of National Building Code of India 2016.
10. Openings in any separating walls in any floor shall be limited to 5.6 meters in area with maximum height of 2.75 meters. Every wall opening shall be protected with Fire resisting doors having fire rating of not less than 2 hrs. All openings in the floors shall be protected by vertical enclosures extending above and below such openings, the wall of such enclosures having a fire resistance of not less than 2 hrs and all openings there in being protected with a fire resisting assembly strictly complying with IS:3614 Part-I 1966 and Clause 3.4.5 of NBC 2016, Part 4. Fire doors should be provided in each floor.
11. Illumination of means of Exit in Staircases and Corridors shall be provided with DG Set Electrical Power as per Clause 3.4.7 of Part 4 of NBC of India 2016.
12. Smoke Venting facilities for safe use of exits shall be provided as per clause 3.4.8, 4.4.2.5 & 4.6 Part -IV of NBC 2016. Emergency Power Supply shall be provided for smoke venting equipment with DG Supply.
13. All Fire Safety Systems shall be provided as per the provisions of Part -4 of NBC of India 2016
14. Fire doors with 2 hrs Fire Resistance shall be provided at appropriate places along the escape route and particularly at the entrance to the lift lobby, corridors and staircases.
15. Ventilation of Staircases shall comply with Clause 4.4.2.5, 4.6 of Part 4 of NBC 2016.
16. No Hazardous materials such as Petroleum products, explosives, chemicals etc should be stored on any floor of the building.
17. As per clause 3.4.3.2 of Part 4 of NBC, a high rise building during construction shall be provided with the following:
 - a. Drums filled with 2000 ltrs capacity of water and 2 fire buckets on each floor.
 - b. A water storage tank of 20,000 ltrs capacity which may be used for other construction purposes.

18. **Clause 2.24 Fire fighting Shaft (Fire Tower)** An enclosed shaft having protected area of 120 min fire resistance rating comprising protected lobby, staircase and fireman's lift, connected directly to exit discharge or through exit passageway with 120 min fire resistant wall at the level of exit discharge to exit discharge. These shall also serve the purpose of exit requirement.

9. The builder is hereby advised to follow the conditions mentioned below while applying for Occupancy NOC :

1. Clause 4.10, NBC-PART-IV-2016

A qualified Fire Officer with experience of not less than 3 years shall be appointed who will be available on the premises, for large educational complexes, business buildings with height 30 m and above, residential building with height 60 m and above, institutional buildings of 15 m and above, starred hotels and D-6 occupancy.

2. Clause 6.1.2, NBC-PART-IV-2016: Additional Precautions

- a) Flammable liquids for household purposes shall be kept in tightly stopper or sealed containers. For the limits of quantities of flammable liquids to be allowed in various occupancies, reference may be made to appropriate regulations.
- b) No stove or combustion heater shall be located directly under or immediately at the foot of stair or otherwise so located as to block escape in case of malfunctioning of the stove or heater.
- c) All kitchen exhaust fans, where provided shall be fixed to an outside wall or to a duct of non-combustible material, which leads directly to the outside. The ducts shall not pass through areas having combustible materials. However, in case of centralized ducting, the duct shall be provided with adequate protection to limit the spread of fire.
- d) Stores, engineering workshops, areas of high hazard etc used for storage of substantial amount of flammable liquids be of 120 min fire resistance rating wall. Such areas shall be provided with fire doors, to be kept closed and shall be posted with a sign on each side of the door in 25 mm high block letters stating Fire Doors _ Keep Closed.

3. ANNEX-D, part-IV, NBC-2016

i. D-3 DRILLS

- D-3.1 Fire drills shall be conducted, in accordance with the fire safety plan, at least once every three months for building during the first two years. Thereafter, fire drills shall be conducted at least once every six months.
- D-3.2 All occupants of the building shall participate in the fire drill. However, occupants of the building, other than building service employees are not required to leave the floor or use the exits during the drill.
- D-3.3 A written record of such drill shall be kept on the premises for a three years period and shall be readily available for fire brigade inspection.

ii. D-4 SIGNS AND PLANS

- D-4.1 Signs at lift Landings A sign shall be posted and maintained in a conspicuous place on every floor at or near lift landing in accordance with the requirements, indicating that in case of fire, occupants shall use the same, unless instructed otherwise. The sign shall contain a diagram showing the location of the stairways except that such diagram may be omitted, provide and signs containing such diagram are posted in conspicuous places on the respective floor.

iii. D-5 FIRE SAFETY PLAN

- D-5.1 A Format for the fire safety plan shall be as given in D-9.10.

- D-5.2 The applicable parts of the approved fire safety plan shall be distributed to all tenants of the building by the building management when the fire safety plan has been approved by the Fire Authority.
- D-5.3 The applicable parts of the approved Fire safety plan shall be distributed by the tenants to all their employees and by the building management to all their building employees.
- D-5.4 In the event there are changes from conditions existing at the time the fire safety plan for the building was approved, and the changes are such as to require amending the fire safety plan, within 30 days after such, changes an amended fire safety plan shall be submitted to the fire brigade for approval.

iv. D-6 FIRE COMMANDS CENTRE

- A Fire Command Center shall be established in the building.

4. **Refuge area :** Refuge areas for apartment buildings of height above 60 m while having balconies shall be provided at 60 m and thereafter at every 30 m. The refuge area shall be an area equivalent to 0.3 m² per person for accommodating occupants of two consecutive floors, where occupant load shall be derived on basis of 12.5 m² of gross floor area and additionally 0.9 m² for accommodating wheel chair requirement or shall be 15 m², whichever is higher.

10. The following deficiencies are noticed by the officers of the department and needs to be rectified by the management.

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11. This Provisional No Objection Certificate is issued with the advice that the Multi Storeyed Building / Non Multi Storeyed Building should not be occupied and the operations shall not be commenced without obtaining No Objection Certificate for Occupancy from this Department about the satisfactory installation of above fire safety measures.

Your Sincerely,



Director General

State Disaster Response & Fire Services
Andhra Pradesh, Vijayawada

Copy to SYED WASEEM AKHTAR, PLOT NO:D1-55(P) & D1-56(P), SURVEY NO.480/2, SITUATED IN ANDHRA PRADESH MEDTECH ZONE LTD., OLD REVENUE WARD NO.54, NEW REVENUE NO.77, ZONE VI OF GVMC, NADUPURU, PEDAGANTYADA(M), VISAKHAPATNAM DISTRICT, ANDHRA PRADESH.

Copy to Chief Office for Record Purpose

Copy to Regional Fire Officer concerned

Copy to District Fire Officer concerned

Copy to Assistant District Fire Officer concerned