

GOVERNMENT OF ANDHRA PRADESH
STATE DISASTER RESPONSE & FIRE SERVICES DEPARTMENT

From :
The Director General,
State Disaster Response and Fire Services,
Andhra Pradesh, Vijayawada.

To :
The Commissioner of Industries,
Vijayawada, Andhra Pradesh.

Rc.No. 18050/KRNL/RFO/2021SDP, Dt:23.12.2021

Sir,

Sub: A.P. State Disaster Response and Fire Services Department - Southern Region - Guntur District - Issue of No Objection Certificate for Occupancy to M/s. TGV SRAAC Limited (Chloromethane Plan-2), Sy.NO.27, 61, 62A, 62B, 63, 66, Gondiparla Village, Kurnool Mandal, Kurnool District - Regarding.

- Ref:-
1. Application of M/s. TGV SRAAC Limited (Chloromethane Plan-2), Sy.NO.27, 61, 62A, 62B, 63, 66, Gondiparla Village, Kurnool Mandal, Kurnool District.
 2. This Office Memo Rc.No. 18050/KRNL/RFO/2021 SDP, Dated:22-11-2021.
 3. Inspection committee report Rc. No. 90/SFO/ALR/2021, Dated: 27-11-2021.

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The management of M/s. TGV SRAAC Limited (Chloromethane Plan-2), Sy.NO.27, 61, 62A, 62B, 63, 66, Gondiparla Village, Kurnool Mandal, Kurnool District has requested to issue No Objection Certificate for occupancy vide reference 1st cited.

- 2) The inspection committee has inspected the M/s. TGV SRAAC Limited (Chloromethane Plan-2), Sy.NO.27, 61, 62A, 62B, 63, 66, Gondiparla Village, Kurnool Mandal, Kurnool District on 26-11-2021 and submitted the inspection report in the reference 3rd cited.

3) Particulars of the industry

Sl.No.	Name of the Block	Description Blocks	Floors	Working Height in Mtrs.,	Built-up area in Sq.Mtrs.,
1	Block-A	4. Thermal Chlorination Block-Moderate Hazard 5. Hydro Chlorination Block-Moderate Hazard 6. Shift tanks for Chloromethane Plant (Open Tank Yard)-High Hazard	G+4	12.00	3299.60
2	Block-B	Methanal Storage for Chloromethane	Ground	11.00	974.86
					4274.46

BLOCK -A

4) The details of means of escape as follows:

Sl. No.	Details of Means of Escape	Required	Provided	Deficit
1	Internal Stair Case	01.50 Mtrs	2 X01.50 Mtrs=03.00	Nil
2	External Stair Case	01.50 Mtrs	2X01.25 Mtrs=02.50	Nil

Contd...2p.

5) The details of occupant load per unit exit width required and Provided is furnished as below.

S. No.	Floor	Built-up area in Sq. Mtrs	No of occupants	Means of escape required Mtrs.,	Provided in Mtrs	Deficit
1	Ground	1207.46	121	Minimum 02.00 mtr with of doors required	Provided	Nil
2	1 st floor	858.90	86	00.86	05.50	Nil
3	2 nd floor	858.90	86	00.86	05.50	Nil
4	3 rd floor	187.20	18	00.18	05.50	Nil
5	4 th floor	187.20	18	00.18	05.50	Nil
TOTAL		3299.66				

6) Minimum Fire Fighting Systems prescribed as follows.

Sl. No	Fire Fighting Installations	Prescribed	Provided	Deficit
1	Fire Extinguishers	(01 Extinguisher of ABC/Co ₂ type for every 100 Square Meters)	28 Nos.	05 Nos.
2	Temperature Sensors (Electronics)	Connected to Hooter and capable of giving alerts through Cell phone instead of where the Sprinklers to be required.	To be provided	To be provided
3	Water Storage Tank	10,000 Ltrs.,	1,50,000 Ltrs., (Common for all blocks)	Nil
4	5 HP (Mobile Pump + Petrol Engine on wheels) by connecting at Ground floor sump	02 Nos.	To be provided	To be provided

Note: The Management has provided 3 Nos. 2 HP Motor with Triplex pumps.

Sl.No.	Electrical Safety Measures			
1	Miniature Circuit Breakers, MCBs	Required	To be Provided	To be Provided
2	No overloading.	Required	To be ensured	To be ensured
3	LED lights in Closed Rooms, Corridors, Staircases connected to inverter (Battery)	Required	To be ensured	To be provided
4	Grounding/Earthing shall be done	Required	To be ensured	Shall be done
5	The above safety measures shall be attested by Electrical Supervisor/Contractor.	Required	Shall be certified	Shall be certified

BLOCK -B

7) The details of floor wise occupancies are furnished below:

S. No.	Floor	Built-up area in Sq. Mtrs	Means of escape required Mtrs.,	Provided in Mtrs	Deficit
1	Ground	974.86	Minimum 02.00 mtr with 2 doors required	Provided	Nil
TOTAL		974.86			

8) Minimum Fire Fighting Systems prescribed as follows.

Sl. No	Fire Fighting Installations	Prescribed	Provided	Deficit
1	Fire Extinguishers	(01 Extinguisher of ABC/Co ₂ type for every 100 Square Meters)	10 Nos.	Nil
2	Temperature Sensors (Electronics)	Connected to Hooter and capable of giving alerts through Cell phone instead of where the Sprinklers to be required.	To be provided	To be provided
3	Water Storage Tank	10,000 Ltrs.,	1,50,000 Ltrs., (Common for all blocks)	Nil
4	5 HP (Mobile Pump + Petrol Engine on wheels) by connecting at Ground floor sump	01 No.	To be provided	To be provided

Note: The Management has provided 01 No. 2 HP Motor with Triplex pump.

Sl.No.	Electrical Safety Measures			
1	Miniature Circuit Breakers, MCBs	Required	To be Provided	To be Provided
2	No overloading.	Required	To be ensured	To be ensured
3	LED lights in Closed Rooms, Corridors, Staircases connected to inverter (Battery)	Required	To be ensured	To be provided
4	Grounding/Earthing shall be done	Required	To be ensured	Shall be done
5	The above safety measures shall be attested by Electrical Supervisor/Contractor.	Required	Shall be certified	Shall be certified

9) The management shall submit the following documents within one year.

- i. Hazard and Risk analysis report
- ii. On site emergency plan
- iii. Third party safety audit.

10) Further, it is to inform that, the following agencies may be considered for the above reports:

Sl. No.	Name of the agency	Contact person	Tel.No./Mobile No.
1.	Chola MS Risk Services, Chennai	Subba Rao	8056025714
2.	Ram Safety Services, Chennai	Krishnan	9769898111
3.	International Risk Control Asia, Mumbai	--	91(22)27811045
4.	Indian Institute of Chemical Technology, Hyderabad.	Seshu Kumar	040-27193482 040-27191343 9440120801
5.	Andhra University Chemical Engineering Department.	Prof.Pulipata King	0891-2844870 0891-2844869 9440191017
6.	Protect Fire Protection & Safety Engineers, Hyderabad.	D.Mahipal Reddy, B.E(Fire)	8978456565

The reports prepared by preferably by Indian Institute of Chemical Technology, Hyderabad and their compliance to recommendation made by IICT, Hyderabad within one year.

11)(a) Further, the Management has to submit the following information in self certification format to the website which will be intimated soon as shown below.

SELF CERTIFICATION (to be uploaded)					
Name and address of the industry / premises:					
S.No	Name of the Chemical	Storage Quantity at Present	No.of Days The quantity received	Nearest Fire Station with Phone No	Last Information given to Fire Services on Date
The above information is true to the best of my Knowledge					
Date			Signature Authority		

(b) LIST OF HAZARDOUS CHEMICALS EMERGENCY INFORMATION

Name of the Industry:															
Address:															
S . No	Chemical Name	Nature of chemical/toxic/poisonous/flamable/explosive/hazardous	In case of Fire: Fire Fighting Media and instructions	Spill Cleanup procedure	Contact with eye/skin	Incompatible with	PPE	Flash point OC	Boiling Point OC	LEL %	UEL %	MSDS CODE	STORAGE Quantity	Geo -- Coordinates	
														Latitude	Longitude

12) In view of the above and based on the Inspection Committee report, the No Objection Certificate for Occupancy is hereby issued to M/s. TGV SRAAC Limited (Chloromethane Plan-2), Sy.NO.27, 61, 62A, 62B, 63, 66, Gondiparla Village, Kurnool Mandal, Kurnool District, subject to the compliance of deficit fire and electrical safety measures as specified above within one year and report compliance to this office without fail.

13) It is informed that, the Management is requested to maintain the following conditions compulsorily for safety purpose.

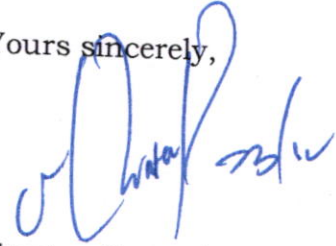
Sl.No.	As Builder	As occupant	As Security Personnel
1	All the fire protection arrangements shall be maintained in good condition as seen during inspection.	All the escape/exit routes shall not be kept locked/blocked or encroached	All the occupants must trained in correct method of operation of the fire fighting system installed.

Contd5p.

2	Any loss of life or property due to non-functioning of fire safety measures and other installations shall be the responsibility of the management.	All occupants shall be trained to operate the fire safety equipments during emergency.	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.
3	Addition / alteration, if any in the building may be verified by building authority.	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.	All security personnel shall be trained to operate the fire safety equipments during emergency.
4	This No objection Certificate for occupancy is issued from Fire safety point of view.	Raise the alarm if the fire cannot be controlled; Evacuate the area completely at once with nearest safe exit.	Attack the fire using available fire equipment only if you feel capable of controlling. If not, take all steps to isolate the area by closing doors and windows.

14) This No Objection Certificate for Occupancy is valid for a period of Five years only from the date of issue of this letter, subject to the compliance of deficit fire safety measures. The owner/ Occupier/ Builder/ Management concerned of the building shall submit self declaration/ Certification with regard to working condition of fire safety measures every year in the prescribed format and submit/upload the photographs of the Mock drills conducted in the premises. It is the responsibility of the builder to apply for Renewal of No Objection Certificate for Occupancy, duly remitting the User Charges as per G.O.Ms.No.90, Home (Prisons & Fire) Department, dated.13-08-2021 and G.O.Ms.No.120, Home (Prisons & Fire) Department, dated.25-10-2021 before expiry of this No Objection Certificate.

Yours sincerely,



Director General,
State Disaster Response and Fire Services,
Andhra Pradesh, Vijayawada.

Copy to the Management of M/s. TGV SRAAC Limited (Chloromethane Plan-2), Sy.NO.27, 61, 62A, 62B, 63, 66, Gondiparla Village, Kurnool Mandal, Kurnool District.
Copy to the Regional Fire Officer, Southern Region, Vijayawada.
Copy to the District Fire Officer, Kurnool.

Note: In case of any emergency call to 101 or State Fire Control Room-9100108101.