

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE: NEW DELHI - 110 001

No. F.6/DFS/MS/Residential/SZ/2018/ 2555

Dated 26/11/18

FIRE SAFETY CERTIFICATE

Certified that the **Residential Blocks (No. 13, 14, 15, 16 & 17)-Type V Quarters** situated at Kidwai Nagar (East) for GPRA, New Delhi-110023, comprises of three tier Basement, Ground & Six Upper was inspected by the officer concerned of this department on 15/11/2018 in the presence of Sh. Mahaveer (Project Manager) and found that the said residential building blocks (**excluding basements**) have deemed complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and that the premises is fit for occupancy class "**Group-A (Residential)**" with effect from 26/11/2018 for a period of **five years** in accordance with rule 36 unless renewed under rule 37 or sooner cancelled under Rule 40 and subject to compliance of the conditions under rule-38 of the Delhi Fire Service Rules, 2010.

Issued on..... 26/11/18at New Delhi by.

Vipin Kental
(Vipin Kental)
Chief Fire Officer
Tel: 011-23412225

Copy to:-

1. The Executive Engineer, (Bldg.), NDMC, Palika Kendra, New Delhi-110002.
2. Sh. A K Sharma, GM (Engg.), Project office- Redevelopment of Kidwai Nagar (East), Aurobindo Marg, Near INA Metro Station, Kidwai Nagar (East), New Delhi-110023

Conditions for the validity of fire safety certificate:

1. All the means of escape/entry/exit shall be kept free from any obstruction.
2. All the fire safety arrangements provided therein shall be maintained in good working condition at all time as seen during inspection. Any loss of life or property due to non-functional fire safety measures shall be at the responsibility of the management.
3. All the staff members must know the correct method of operation of firefighting system.
4. The owner/ occupier shall submit a declaration **every year** in **Form 'K'** provided in the first schedule of Delhi Fire Service Rules 2010. The form is available on www.dfs.delhigovt.nic.in
5. This fire safety certificate may not in any way be treated as regularization of unauthorized construction, if any.
6. "The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director in **Form 'J'** [sub rule (1) of rule 37] along with a copy of this Certificate, **six months** prior to its expiry."
7. **Basements underneath of these Residential Blocks shall not be occupied or used till the receipt of its clearance/FSC from DFS as undertook by NBCC vide its letter no. NBCC/EKN-Type V/CGM/DFS/2018/1405 dated 25/10/2018.**

INSPECTION REPORT

1. Name & address of the building : Residential Blocks (No. 13,14,15,16 & 17)-Type V Quarters at Kidwai Nagar (East), New Delhi
2. Type of Occupancy : Class-A "Residential"
3. Type of Case : New [Residential Blocks (No. 13,14,15,16 & 17)-Type V Quarters:
4. Details of Previous NOC : NA Each of 3 tier Basement, G. Floor + 6 Upper floors]
5. Fire Safety directives letter No : F6/DFS/MS/BP/2013/01 dated 02/01/2014
6. Date of inspection : 15/11/2018
7. Name of Inspecting Officer : A. K. Malik
8. Name and designation of officers
From the building side : Mr. Mahaveer (Project Manager)
9. Year of Construction : 2018
10. Applicant's letter No. : Outdoor diary dated 09/11/2018

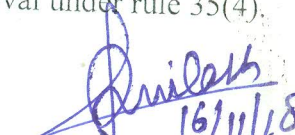
| S. No. | Minimum Standards on fire prevention and fire safety U/R 33 | BBL/NBC Requirement | Provided at site | Remarks MR/NMR |
|--------|---|---|---|----------------|
| 1. | Access to building | | | |
| | <ul style="list-style-type: none"> Road width Gate width Width of internal road | 12m NA 6m (Two side) | 12m NA Provided | MR NA MR |
| 2. | Number, Width, Type & Arrangement of Residential Blocks (No. 13, 14, 15, 16 & 17) | | | |
| | a. Number of staircases | | | |
| | <ul style="list-style-type: none"> Upper Floors Basements | 2 Nos NA* | Provided NA | MR NA |
| | b. Width of staircases | | | |
| | <ul style="list-style-type: none"> Upper Floor Basements | # 1.35m already approved on Type-II file N/11&12, in conformity with Clause 7.11.1(a) of UBBL-2016. | Block-13: 1.47m & 1.49m Block-14: 1.46m & 1.45m Block-15: 1.47m & 1.48m Block-16: 1.45m & 1.47m Block-17: 1.44m & 1.46m | MR |
| | c. Protection of exits | | | |
| | <ul style="list-style-type: none"> Fire check door Pressurization | Required | Provided | MR |
| | d. No. of continuous staircases to terrace | Required | Natural Ventilation | MR |
| | e. Width of Corridor | 2 Nos | Provided | MR |
| | f. Door Size | NA | NA | NA |
| | | 1m | Provided (final exit) | MR |
| 3. | Compartmentation of Residential Blocks (No. 13, 14, 15, 16 & 17) | | | |
| | <ul style="list-style-type: none"> Fire check door Sealing of electrical shafts Fire Rating of shaft door Water Curtain Fire Dampers | Required | Provided | MR |
| | | Required | Provided | MR |
| | | Required | Provided | MR |
| | | NA | NA | NA |
| | | NA | NA | NA |
| 4. | Smoke Management System of Residential Blocks (No. 13, 14, 15, 16 & 17) | | | |
| | <ul style="list-style-type: none"> Basements Upper floors | NA* 12 a/c per hour | NA Natural Ventilation | NA MR |
| 5. | Fire Extinguishers of Residential Blocks (No. 13, 14, 15, 16 & 17) | | | |
| | <ul style="list-style-type: none"> Total numbers Types IS marking | 30 No's ABC/ W. CO ₂ /CO ₂ ISI | 30 No's 15/15/-- No's Yes | MR MR MR |
| 6. | First-Aid Hose Reels of Residential Blocks (No. 13, 14, 15, 16 & 17) | | | |
| | <ul style="list-style-type: none"> Total numbers on each floor | One 20m | Provided Provided | MR MR |

| | | | | |
|-----|---|--|--|----|
| | • Nozzle diameter | 5mm | Provided | MR |
| 7. | Automatic fire detection and alarming system of Residential Blocks (No. 13, 14, 15, 16 & 17) | | | |
| | • Type of detectors | -NA- | NA | NA |
| | • Location of Main Panel | -NA- | NA | NA |
| | • Location of Repeater Panel | -NA- | NA | NA |
| | • Alternate source of power | -NA- | NA | NA |
| | • Hooters' Location | -NA- | NA | NA |
| 8. | MOEFA of Residential Blocks (No. 13, 14, 15, 16 & 17) | Required | Provided | MR |
| 9. | Public Address System of Residential Blocks (No. 13, 14, 15, 16 & 17) | Required | Provided | MR |
| 10. | Automatic Sprinkler System of Residential Blocks (No. 13, 14, 15, 16 & 17) | | | |
| | • Basement | NA* | NA | NA |
| | • Ground Floor | NA | NA | NA |
| | • Sprinkler above false ceiling | NA | NA | NA |
| 11. | Internal Hydrants of Residential Blocks (No. 13, 14, 15, 16 & 17) | | | |
| | • Size of riser/down-comer | 100mm | Provided | MR |
| | • Number of hydrants per floor | 01Nos | Provided | MR |
| | • Hose Box | 01Nos | Provided | MR |
| 12. | Yard Hydrants of Residential Blocks (No. 13, 14, 15, 16 & 17) | | | |
| | • Total number of hydrants | 01 Nos | Provided | MR |
| | • Hose Box | 01 Nos | Provided | MR |
| 13. | Pumping Arrangements of Residential Blocks (No. 13, 14, 15, 16 & 17) | | | |
| | • Ground Level | [Common Pump Room at B-2 level] | | |
| | ➤ Discharge of main Pump | Hydrant & Sprinkler (H&S): 2850LPM (each) Water Curtain (WC): 2 of 2280 LPM | Hydrant & Sprinkler (H&S): 2850LPM (each) Water Curtain (WC): 2 of 2850 LPM | MR |
| | ➤ Head of Main pump | (H&S):90m(each) (WC): 45m (each) | Provided | MR |
| | ➤ Number of main pumps | 4Nos | Provided | MR |
| | ➤ Jockey Pump out put | 2 of 280 LPM | 2 of 450 LPM | MR |
| | ➤ Jockey pump head | (H&S):90m&60m | Provided | MR |
| | ➤ Standby Pump out put | 2850LPM | Provided | MR |
| | ➤ Standby Pump Head | 90m | Provided | MR |
| | ➤ Auto Starting/Manual Stopping | Required | Provided | MR |
| | ➤ Pump House Access | Required | Provided | MR |
| | • Terrace level | 900 LPM | Provided | MR |
| | ➤ Discharge of pump | 30m | Provided | MR |
| | ➤ Head of the pump | Required | Provided | MR |
| | ➤ Power Supply | Required | Provided | MR |
| | ➤ Auto Starting of pump | Required | Provided | MR |
| 14. | Captive Water Storage for firefighting of Residential Blocks (No. 13, 14, 15, 16 & 17) | | | |
| | • Underground tank capacity | 2,00,000 Lts | Provided | MR |
| | ➤ Draw-off connection | Required | Provided | MR |
| | ➤ Fire service inlet | Required | Provided | MR |
| | ➤ Access to tank | Required | Provided | MR |
| | • Overhead Tank capacity | 10,000 Lts. | Provided | MR |
| 15. | Exit Signage of Residential Blocks (No. 13, 14, 15, 16 & 17) | Required | Provided | MR |
| 16. | Provision of Lifts in Residential Blocks (No. 13, 14, 15, 16 & 17) | | | |
| | • Pressurization of Lift Shaft | Required | Provided | MR |
| | • Pressurization of Lift lobby | Required | Natural Ventilation | MR |
| | • Communication In lift Car | Required | Provided | MR |
| | • Fireman's Grounding Switch | Required | Provided | MR |

| | | | | |
|-----|---|----------|----------|----|
| | • Lift Signage | Required | Provided | MR |
| 17. | Standby power supply of Residential Blocks (No. 13, 14, 15, 16 & 17) | Required | Provided | MR |
| 18. | Refuge Area of Residential Blocks (No. 13, 14, 15, 16 & 17) | | | |
| | ➤ Total Area | NA | NA | NA |
| | ➤ Location | NA | NA | NA |
| 19. | Fire Control Room of Residential Blocks (No. 13, 14, 15, 16 & 17) Provided at the entrance level of Block -10 | | | |
| | • MOEFA System Panel | Required | Provided | MR |
| | • Flow Switch Panel | NA | NA | NA |
| | • PA System Panel | Required | Provided | MR |
| | • Battery backup | Required | Provided | MR |
| | • Building Floor Plans | Required | Provided | MR |
| 20. | Special Fire Protection System for Protection of special Risks, if any of Residential Blocks (No. 13, 14, 15, 16 & 17): | NA* | NA | NA |


Note:-

- The requirement of basement is not generated in the inspection note and is shown with*, since applicant i.e. NBCC vide its letter no. NBCC/EKN-Type V/CGM/DFS/2018/1405 dated 25/10/2018 (C/18) undertook that Basements underneath shall not be occupied or used till the receipt of its clearance/FSC from DFS.
- The compartmentation/segregation of basements with ground and upper floors found complied as undertook by NBCC at point no.2 of the letter mentioned above. The Shortcomings observed during the last inspection of 31/10/2018 (N/1) found complied. The fire protection systems provided in the building were randomly tested, checked and found functional at the time of inspection. Keeping in view of the above substantial compliance of the minimum standards of fire prevention and fire safety measures as required under the rules it is recommended to grant Fire Safety Certificate under rule 35(3) of the Delhi Fire Service Rules 2010. ✓
Accordingly form "H" in shape of DFA is put up for approval under rule 35(4).


 Signature of Inspecting Officer
 Name: A. K. Malik
 Designation: Divisional Officer

DY. CFO(SZ)




 16/11

Cfo - sp

M-S cell

FTDR

22/11

21/11/18

26/11

Since FT is put up for clearance

A. Malik