

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

No. F.6/DFS/MS/Residential/SZ/2018/ 2087

Dated:
12/9/18

FIRE SAFETY CERTIFICATE

Certified that the **Residential Blocks** [(No. 2, 3, 4, 5, 6, 7 of Type VI) & (No. 1&2 and 3&4 of Type-VII)], **Kidwai Nagar (East) of GPRA, New Delhi-110023** all comprises of Ground & Six Upper Floors with common Basement was inspected by the officer concerned of this department on 29/08/2018 in the presence of Sh. Mahaveer (Project Manager) and found that the said residential building blocks have complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and that all the Building Blocks (with common Basement) as mentioned above are fit for occupancy class "**Group-A (Residential)**" with effect from 12/9/ 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.....12/9/18.....at New Delhi by.

VK
12/9/18
(Vipin Kental)
Chief Fire Officer
Tel: 011-23412225

Copy to:-

1. The Executive Engineer, (Bldg.), NDMC, Palika Kendra, New Delhi-110002.
2. Sh. Arun Kumar 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."

INSPECTION REPORT

1. Name & address of the building : Residential Blocks [(No. 2, 3, 4, 5, 6, 7 of Type VI) & (No. 1&2 and 3&4 of Type-VII) Total 10 Towers with common Basement], Kidwai Nagar (East) of GPRA, New Delhi-110023.
2. Type of Occupancy : Class-A "Residential"
3. Type of Case : New
4. Details of Previous NOC : NA
5. Fire Safety directives letter No : F6/DFS/MS/BP/2013/308 dated 08/10/2013
6. Date of inspection : 29/08/2018
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 no. 11513 dated 10/08/2018 & latter no. NBCC/EKN-Type VI & VII/GM/DFS/2018/1052 dated 24/08/2018

[Total 10 Towers Each of G. Floor + 6 Upper floors with common Basement]

| S. No. | Minimum Standards on fire prevention and fire safety U/R 33 (in each tower) | 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 | 12m NA Provided | MR NA MR |
| 2. | Number, Width, Type & Arrangement of Residential Blocks (in each tower) | | | |
| | a. Number of staircases | | | |
| | <ul style="list-style-type: none"> • Upper Floors | Type VII: 3 Nos Type VI: 2 Nos | Provided | MR |
| | <ul style="list-style-type: none"> • Basements | 22 Nos in two basements (As per approved drawings 11 Nos in the basement below these 11 towers) | 13 Nos | MR |
| | b. Width of staircases | | | |
| | <ul style="list-style-type: none"> • Upper Floor | Type VI: 1.35m & 1.25m Type VII: 1.35m, 1.35m & 1.25m | Type VI: Tower no. 2: 1.5m & 1.25m Tower no. 3: 1.47m & 1.25m Tower no. 4: 1.49m & 1.25m Tower no. 5: 1.5m & 1.25m Tower no. 6: 1.5m & 1.25m Tower no. 7: 1.46m & 1.25m Type VII: Tower no. 1 & 2: 1.48m, 1.46m & 1.25m Tower no. 3 & 4: 1.5m, 1.5m & 1.25m | MR |
| | <ul style="list-style-type: none"> • Basements | 1.5m | 1.5m, 1.5m, 1.5m, 1.5m, 1.5m, 1.5m, 1.5m, 1.5m, 1.5m, 1.5, 1.25m, 1.25m | 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 | Provided | MR |
| | | Type VII: 3 Nos Type VI: 2 | Provided | MR |
| | e. Width of Corridor | -NA- | -NA- | -NA- |
| | f. Door Size | 1m | Required (final exit) | Provided |
| 3. | Compartmentation | | | |

| | | | | | |
|------------|--|--|--|------|----|
| | <ul style="list-style-type: none"> Fire check door Sealing of electrical shafts | Required | Provided | MR | |
| | | Required | Provided | MR | |
| | <ul style="list-style-type: none"> Fire Rating of shaft door | Required | Normal Inspection panel doors are provided in open Lobby on Upper Floors | | MR |
| | | | Provided in Basement | | MR |
| | <ul style="list-style-type: none"> Water Curtain Fire Dampers | Required | Provided | MR | |
| | | -NA- | -NA- | -NA- | |
| 4. | Smoke Management System | | | | |
| | <ul style="list-style-type: none"> Basements | 30 ACPH | Provided | MR | |
| | <ul style="list-style-type: none"> Upper floors | Required | Natural Ventilation | MR | |
| 5. | Fire Extinguishers | | | | |
| | <ul style="list-style-type: none"> Total numbers Types IS marking | Required | 80 No's | MR | |
| | | ABC/ W. CO ₂ /CO ₂ | 37/37/6 No's | MR | |
| | | Required | Yes | MR | |
| 6. | First-Aid Hose Reels | | | | |
| | <ul style="list-style-type: none"> Total numbers on each floor Length of hose reel hose Nozzle diameter | All Towers: One Basement: 13 Nos 30m 5mm | Provided | MR | |
| | | | Provided | MR | |
| | | | Provided | MR | |
| 7. | Automatic fire detection and alarming system [Required in Basement Only] | | | | |
| | <ul style="list-style-type: none"> Type of detectors Location of Main Panel Location of Repeater Panel Alternate source of power Hooters' Location | Required | Smoke & Heat | MR | |
| | | Required | Ground Floor | MR | |
| | | -NA- | -NA- | -NA- | |
| | | Required | Provided | MR | |
| | | Required | All Area | MR | |
| 8. | MOEFA | Required | Provided | MR | |
| 9. | Public Address System | Required | Provided | MR | |
| 10. | Automatic Sprinkler System | | | | |
| | <ul style="list-style-type: none"> Basement Ground & Upper Floors Sprinkler above false ceiling | Required | Provided | MR | |
| | | -NA- | -NA- | -NA- | |
| | | -NA- | -NA- | -NA- | |
| 11. | Internal Hydrants | | | | |
| | <ul style="list-style-type: none"> Size of riser/down-comer Number of hydrants per floor Hose Box | 100mm | Provided | MR | |
| | | 01Nos | Provided | MR | |
| | | 01Nos | Provided | MR | |
| 12. | Yard Hydrants | | | | |
| | <ul style="list-style-type: none"> Total number of hydrants Hose Box | 21 Nos | Provided | MR | |
| | | 21 Nos | Provided | MR | |
| 13. | Pumping Arrangements | | | | |
| | <ul style="list-style-type: none"> Ground Level ➤ Discharge of main Pump ➤ Head of Main pump ➤ Number of main pumps ➤ Jockey Pump out put ➤ Jockey pump head | [Common Pump Room at B-1 level] | | | |
| | | Hydrant & Sprinkler (H&S): 2850LPM (each) Water Curtain (WC): 1 of 2850 LPM | Provided | MR | |
| | | (H&S):65m (each) (WC): 45m | Provided | MR | |
| | | 2Nos | Provided | MR | |
| | | 2 of 280 LPM | Provided | MR | |
| | | 71m(each) | Provided | MR | |

| | | | | |
|------------|--|--|----------|------|
| | <ul style="list-style-type: none"> ➤ Standby Pump out put ➤ Standby Pump Head ➤ Auto Starting/Manual Stopping ➤ Pump House Access | 2850LPM | Provided | MR |
| | | 65m | Provided | MR |
| | | Required | Provided | MR |
| | | Required | Provided | MR |
| | <ul style="list-style-type: none"> • Terrace level ➤ Discharge of pump ➤ Head of the pump ➤ Power Supply ➤ Auto Starting of pump | [On Each Tower] | | |
| | | 900 LPM | Provided | MR |
| | | 30m | Provided | MR |
| | | Required | Provided | MR |
| | | Required | Provided | MR |
| 14. | Captive Water Storage for firefighting | | | |
| | <ul style="list-style-type: none"> • Underground tank capacity ➤ Draw-off connection ➤ Fire service inlet ➤ Access to tank | 2,00,000 Lts | Provided | MR |
| | | Required | Provided | MR |
| | | Required | Provided | MR |
| | | Required | Provided | MR |
| | <ul style="list-style-type: none"> • Overhead Tank capacity | 25,000 Lts. on each Type VI Tower & 25,000 liters on each Tower 1&2 and Tower 3 &4 of Type VII | Provided | MR |
| 15. | Exit Signage | Required | Provided | MR |
| 16. | Provision of Lifts | | | |
| | <ul style="list-style-type: none"> • Pressurization of Lift Shaft • Pressurization of Lift lobby | Required | Provided | MR |
| | | Required in Basement | Provided | MR |
| | <ul style="list-style-type: none"> • Communication In lift Car • Fireman's Grounding Switch • Lift Signage | Required | Provided | MR |
| | | Required | Provided | MR |
| | | Required | Provided | MR |
| 17. | Standby power supply | Required | Provided | MR |
| 18. | Refuge Area | | | |
| | <ul style="list-style-type: none"> ➤ Total Area ➤ Location | -NA- | -NA- | -NA- |
| | | -NA- | -NA- | -NA- |
| 19. | Fire Control Room | Temporarily established in nearby Security Control Room | | |
| | <ul style="list-style-type: none"> • MOEFA System Panel • Flow Switch Panel • PA System Panel • Battery backup • Building Floor Plans | Required | Provided | MR |
| | | -NA- | -NA- | -NA- |
| | | Required | Provided | MR |
| | | Required | Provided | MR |
| | | Required | Provided | MR |
| 20. | Special Fire Protection System for Protection of special Risks, if any: | Segregation of Transformer/H T/LT Panel. | Provided | MR |
| | | CO ₂ flooding in HT/LT Panels | Provided | MR |

Note:

The requirement of the minimum width of the staircase is changed from 1.5m to 1.35m for residential occupancy as per the requirement of UBBL/NBC-2016 on the representation of the NBCC vide letter no. NBCC/EKN-Type VI & VII/GM/DFS/2018/1052 dated 24/08/2018 as the same has already been accepted in principal by this department on the file of Residential Block (Tower-10, 11 & 12).

The fire protection systems provided in the building were randomly tested, checked and found functional at the time of inspection. Keeping in view

- N/12 -

Residential Blocks [(No. 2, 3, 4, 5, 6, 7 of Type VI) & (No. 1&2 and 2&3 of Type-VII) Total 10 Towers with common Basement], Kidwai Nagar (East) of GPR

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' under Rule 35 (4) in shape of DFA is put up for approval.

A. K. Malik
30/8/18

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

DY. CFO(SZ)

Amal
SA

CFO SA

PI put up along with
file of block 10, 11 & 12

UK
6/9.

ADOMSCell/DOSD

Siz file is enclosed & the mostcomings communicated vide letter dated 23/8/18 (C/2) also complied.

CFO(SZ)

A. K. Malik
10/9/18
DO(SD)

FTD.
UK
11/9.

Siz P.T. is put up for his please.

CFO(SZ)

A. K. Malik
12/9/18
DO(SD)

M.Scell UK
12/9.

