

FORM 'H'
FORM FOR ISSUING FIRE SAFETY CERTIFICATE

[Refer sub - rule (1) of rule 35]

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI

HEAD QUARTERS: DELHI FIRE SERVICE, CONNAUGHT PLACE, NEW DELHI


No. FB/DF/MS/2017/42/1560

Dated: 01/11/17

FIRE SAFETY CERTIFICATE

Certified that the **DLF Residential Block Nos. 1, 2, 3, 4, 20, 15, 16, 17, 18 & 19** located at **Flatted Factory Complex, Plot No. 15, Shivaji Marg, New Delhi - 110015** comprised of Tower - 1 = 3 Basement + Ground Floor including stilts + 21 Upper Floors, Tower - 2 = 3 Basement + Ground Floor including stilts + 24 Upper Floors, Tower - 3 = 3 Basement + Ground Floor including stilts + 26 Upper Floors, Tower - 4 = 3 Basement + Ground Floor including stilts + 26 Upper Floors, Tower - 20 = 3 Basement + Ground Floor including stilts + 26 Upper Floors, Tower - 15 = 3 Basement + Ground Floor including stilts + 23 Upper Floors, Tower - 16 = 3 Basement + Ground Floor including stilts + 29 Upper Floors, Tower - 17 = 3 Basement + Ground Floor including stilts + 25 Upper Floors, Tower - 18 = 3 Basement + Ground Floor including stilts + 21 Upper Floors, Tower - 19 = 3 Basement + Ground Floor including stilts + 26 Upper Floors was issued FSC vide letter no. F6/DFS/MS/2016/WZ/222 dated 08-02-2016 (For Towers 1, 2, 3, 4 & 20) and FSC vide letter no. F6/DFS/MS/2016/1415 dated 19-09-2016 (For Towers 15, 16, 17, 18 & 19). Now after increasing FAR Ground Floor including stilts will be used for stilt for Parking and Ground Floor for Residential purpose owned/ occupied by **DLF Home Developers Limited** have complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rule, 2010 and verified by the officer concerned of this department on 25-10-2017 in the presence of Mr. Siddhartha Malhotra (VP - Coordination) and found that the said building that the premises is fit for occupancy class "Residential" Group A with effect from 01/11/17 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 01/11/17 at New Delhi by.


(Atul Garg)
Chief Fire Officer
01/11/17

Copy to:

1. The Authorized Signatory,
DLF Home Developers Ltd.
DLF Centre, Sansad Marg, New Delhi - 110001.

Following fire safety directives must be adhered to:-

1. All the fire safety arrangements provided therein shall be maintained in good working condition at all times.
2. Any loss of life or property due to non-functional fire safety measures shall be at the risk and responsibility of the management.
3. The trained staff should be available round the clock.
4. Any deviations w.r.t. construction shall be verified by the concerned building sanctioning agency.
5. The certificate may not be treated in any case for the regularization of the unauthorized construction, if any.
6. Basement shall be used as per building bye laws.
7. 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.
8. The owner/occupier shall submit a declaration every year in the form 'K' provided in the first schedule of Delhi Fire Service Rules 2010, form is available on www.dfs.delhigovt.nic.in.

1. Name & address of the building: **DLF Residential Block Nos. 1, 2, 3, 4, 20, 15, 16, 17, 18 & 19 located at Flatted Factory Complex, Plot No. 15, Shivaji Marg, New Delhi – 110015.**
2. Type of Occupancy : Residential (comprised of Tower – 1 = 3 Basement + Ground Floor including stilts + 21 Upper Floors, Tower – 2 = 3 Basement + Ground Floor including stilts + 24 Upper Floors, Tower – 3 = 3 Basement + Ground Floor including stilts + 26 Upper Floors, Tower – 4 = 3 Basement + Ground Floor including stilts + 26 Upper Floors, Tower – 20 = 3 Basement + Ground Floor including stilts + 26 Upper Floors, Tower – 15 = 3 Basement + Ground Floor including stilts + 23 Upper Floors, Tower – 16 = 3 Basement + Ground Floor including stilts + 29 Upper Floors, Tower – 17 = 3 Basement + Ground Floor including stilts + 25 Upper Floors, Tower – 18 = 3 Basement + Ground Floor including stilts + 21 Upper Floors, Tower – 19 = 3 Basement + Ground Floor including stilts + 26 Upper Floors). Basement is common for all the blocks in complex.
3. Type of Case : Renewal
4. Details of previous NOC : letter no. F6/DFS/MS/2016/WZ/222 dated 08-02-2016 (For Towers 1, 2, 3, 4 & 20) and FSC vide letter no. F6/DFS/MS/2016/1415 dated 19-09-2016 (For Towers 15, 16, 17, 18 & 19)
5. Fire Safety directives Letter No. : Letter No. F6/DFS/MS/BP/2011/284 dated 14-02-2011
6. Date of inspection : 25-10-2017
7. Name of the Inspecting Officer : DO (West)
8. Name and designation of Officer
from the building side : Sh. Siddhartha Malhotra (VP – Coordination)
9. Year of Construction : 2016
10. Applicant's letter No. : Nil Dated 10-10-2017

| S No | Minimum standards on fire prevention and fire safety U/R 33 | BBL Requirements | Provided at site | Remarks MR/NMR |
|------|---|---|--|-----------------|
| 1. | Access of building | | | |
| | • Road width | 12 m | 12 m Provided | MR |
| | • Gate width | 4.5 m | 4.5 m Provided | MR |
| | • Width of internal road | 6 m | 6m Provided | MR |
| 2. | Number, width, Type & Arrangements of exits | | | |
| | a. Number of staircases | | | |
| | • Upper floors | 2 staircase in each tower | Provided | MR |
| | • Basements | 32 + 7 ramps | Provided | MR |
| | b. Width of staircases | | | |
| | • Upper floors | 1.5 m | Provided | MR |
| | • Basements | 1.5 m | Provided | MR |
| | c. Protection of exits | | | |
| | • Fire check door | Required | Provided | MR |
| | • Pressurization | Not Required | Not Provided | NR |
| | d. No of continuous staircase to terrace | 2 in each Tower | Provided | MR |
| | e. Width Of Corridor | As per sanctioned plan Tower – 1=1800mm Tower – 2=1800mm Tower – 3=1500mm/1550mm Tower – 4=1800mm | Tower – 1 = 1700mm & 1720mm, Tower – 2 = 1700mm/ 1720mm, Tower – 3 = 1700mm/ 1720mm, Tower – 4 = | MR (As Per NBC) |

| | | | | |
|-----|--|---|--|----|
| | | Tower – 20 =1550mm Tower – 15=1500mm/1550mm Tower – 16=1500mm/1550mm Tower – 17=1800mm/1700mm Tower – 18=1800mm Tower – 19 =1550mm As per NBC 1500mm | 1720 mm, Tower – 20 = 1500mm Tower – 15= 1500mm Tower-16 =1500mm Tower-17 = 1700mm Tower – 18 = 1750mm Tower – 19 = 1500mm | |
| | f. Door Size | 1 m | Provided | MR |
| 3. | Compartmentation | | | |
| | • Fire check door | Required | Provided | MR |
| | • Sealing of electrical shafts | Required | Provided | MR |
| | • Fire Rating of shaft door | Required | Provided | MR |
| | • Water Curtain | Required | Provided | MR |
| | • Fire Dumpers | Not Required | Provided | NR |
| 4. | Smoke managements System | | | |
| | • Basements | 30 a/e per hour | Provided | MR |
| | • Upper floors | Natural Ventilation | Provided | MR |
| 5. | Fire Extinguishers | | | |
| | • Total numbers | 4 nos. per floor | Provided | MR |
| | • Types | CO ₂ &WCO ₂ | Provided | MR |
| | • IS marking | ISI marked | Provided | MR |
| 6. | First – Aid Hose Reels | | | |
| | • Total numbers on each floor | 2 in each tower except Tower – 19 & 20, 1 required | 2 in each tower except Tower – 19 & 20, 1 Provided | MR |
| | • Length of hose reel hose | 30 m | Provided | MR |
| | • Nozzle diameter | 5 mm | Provided | MR |
| 7. | Automatic fire detection and alarming system | | | |
| | • Type of detectors | Required | Provided | MR |
| | • Location of Main Panel | G.F. | Provided | MR |
| | • Location of Repeater Panel | Required | Provided | MR |
| | • Alternate source of power | Required | Provided | MR |
| | • Hooters' Location | At strategic location | Provided | MR |
| 8. | M.OEFA | Required | Provided | MR |
| 9. | Public Address System | Required | Provided | MR |
| 10. | Automatic Sprinkler System | | | |
| | • Basements | Required | Provided | MR |
| | • Upper Floor | Required | Provided | MR |
| | • Sprinkler above false ceiling | NA | NA | NA |
| 11. | Internal Hydrants | | | |
| | • Size of riser/down-comer | 150 mm/100 mm | Provided | MR |
| | • Number of hydrants per floor | 2 in each tower except Tower –19 &20, 1 required | 2 in each tower except Tower – 19 & 20, 1 Provided | MR |
| | • Hose Box | Required | Provided | MR |
| 12. | Yard Hydrants | | | |
| | • Total number of hydrants | Required | Provided | MR |
| | • Hose Box | Required | Provided | MR |

| | | | | |
|-----|--|---|--|----|
| | • Discharge of main pump | A. For Towers = 5500lpm B. For Basement = 2850lpm | 5500 lpm & 2850 lpm Provided | MR |
| | ➤ Head of main pump | 160 m for tower 75 m for basement | Provided | MR |
| | ➤ Number of main pumps | 2 | Provided | MR |
| | ➤ Jockey pump out put | 2X280 lpm each for tower & basement | Provided | MR |
| | ➤ Jockey pump head | 160 m for tower 75 m for basement | Provided | MR |
| | ➤ Standby Pump out put | A. For Towers = 5500lpm B. For Basement = 2850 lpm | 2X5500 lpm & 1X2850 lpm Provided | MR |
| | ➤ Standby Pump Head | 160 m for tower 75 m for basement | Provided | MR |
| | ➤ Auto Starting/Manual stopping | Required | Provided | MR |
| | ➤ Pump House Access | Required | Provided | MR |
| | • Terrace level | | | |
| | ➤ Discharge of pump | NR | 900lpm Provided | NR |
| | ➤ Head of the pump | NR | 35 m Provided | NR |
| | ➤ Power supply | NR | Provided | NR |
| | ➤ Auto starting of pump | NR | Provided | NR |
| 14. | Captive water Storage for fire fighting | | | |
| | • Under ground tank capacity | 5,40,000 litres (for residential towers), 3,00, 000 litres for basement | Provided | MR |
| | ➤ Draw of connection | Required | Provided | MR |
| | ➤ Fire service inlet | Required | Provided | MR |
| | ➤ Access to tank | Required | Provided | MR |
| | • Overhead Tank capacity | 25000 litres in each tower | Provided | MR |
| 15 | Exit Signage | Required | Provided | MR |
| 16. | Provision of Lifts | | | |
| | ➤ Pressurization of Lift Shaft | Required | Provided | MR |
| | ➤ Pressurization of lift lobby | Pressurization/ Natural Ventilation in service lift | Provided | MR |
| | ➤ Communication in lift Car | Required | Provided | MR |
| | ➤ Fireman's Grounding Switch | Required | Provided | MR |
| | ➤ Lift Signage | Required | Provided | MR |
| 17. | Standby power supply | Required | Provided | MR |
| 18. | Refuge Area | | | |
| | ➤ Total area | NA | NA | NA |
| | ➤ Location | NA | NA | NA |
| 19. | Fire control room: Provided in Tower – 1 | | | |
| | ➤ Detector system panel | Required | Provided | NR |
| | ➤ Flow Switch Panel | Required | Provided | MR |
| | ➤ PA System Panel | Required | Provided | MR |
| | ➤ Battery backup | Required | Provided | MR |
| | ➤ Building Floor Plans | Required | Provided | MR |
| 20. | Special Fire Protection Systems for Protection of special Risks, if any; | Manually operated CO ₂ flooding, Lightning Arrestor | FM 200 Provided, Lightning Arrestor Provided | MR |

The fire protection systems provided in the building were test checked and found functional at the time of inspection. Keeping in view the deemed compliance of the minimum standards of fire prevention and fire safety measures as required under the rules the NOC vide letter No. letter no. F6/DFS/MS/2016/WZ/222 dated 08-02-2016 (For Towers 1, 2, 3, 4 & 20) and FSC vide letter no. F6/DFS/MS/2016/1415 dated 19-09-2016 (For Towers 15, 16, 17, 18 & 19) under rule 35 of the Delhi Fire Service rule 2010 is recommended.

Signature of the Inspecting Officer

Name : Mukesh Verma

Designation : DO (West)

Mukesh 27/11/17

[Signature]
29/10/17

~~Dy CFO (WZ)~~
~~CFO West~~
~~SPK~~
ad/dn

~~DUN~~ spoken on 31/10/17.

Mukesh 31/11/17

~~CFO (West)~~
ad/dn

~~PL~~ PLS F.T./FSC is put up for signature please.

~~CFO (West)~~
ad/dn

Mukesh 31/11/17