

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

No. F.6/DFS/MS/Residential/SZ/2017/ 1809

Dated: 13/12/17

FIRE SAFETY CERTIFICATE

Certified that the **Faculty Residence Block, Inderprastha Institute of Information Technology, situated at Okhla Industrial Estate, Phase-III, New Delhi-110020** comprised of Ground & Eleven Upper Floors. The premise was inspected by the officer concerned of this department on 05/12/2017 in the presence of Mr. Sanjay Roy, Chief Engineer (Civil) and found that the said Residential building have deemed complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and the building block is fit for occupancy class "**Group A Residential building**" with effect from 13/12/2017 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...13/12/2017.....at New Delhi by.


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

Copy to:-

1. The Executive Engineer (Bldg.), Building Department, SDMC, Civic Center, Minto Road, New Delhi-110002
2. Dr. B. Chandrasekhar (Registrar), Inderprastha Institute of Information Technology, situated at Okhla Industrial Estate, Phase-III, New Delhi-110020

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 (Clause 2.8 of UBBL-2016) of unauthorized construction or Alteration (Clause 1.4.3 of UBBL-2016), 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."

1. Name & address of the building : Faculty Residence Block, Inderprastha Institute of Information Technology, Okhla Industrial Estate, Phase-III, New Delhi-110020
2. Type of Occupancy : Class-A "Residential"
3. Type of Case : New [Faculty Residence Block: G. Floor + 11 Upper floors]
4. Details of Previous NOC : NA
5. Fire Safety directives letter No : F6/DFS/MS/BP/2015/103 dated 09/04/15
6. Date of inspection : 05/12/2017
7. Name of Inspecting Officer : A. K. Malik
8. Name and designation of officers
From the building side : Mr. Sanjay Roy, Chief Engineer (Civil)
9. Year of Construction : 2017
10. Applicant's letter No. : Form 'I' dated 30/11/2017

| S. No. | Minimum Standards on fire prevention and fire safety U/R 33 | NBC Requirement | Provided at site | Remarks MR/NMR |
|--------|---|--|-----------------------|----------------|
| 1. | Access to building | | | |
| | • Road width | 12m | 12m | MR |
| | • Gate width | 4.5m | 5m | MR |
| | • Width of internal road | 6m | 6m | MR |
| 2. | Number, Width, Type & Arrangement of Exits | | | |
| | a. Number of staircases | | | |
| | • Upper Floors | 2 Nos | Provided | MR |
| | • Basements | NA | NA | NA |
| | b. Width of staircases | | | |
| | • Upper Floor | 1.5m | 1.5m & 1.5m | MR |
| | • Basements | NA | NA | NA |
| | c. Protection of exits | | | |
| | • Fire check door | Required | Provided | MR |
| | • Pressurization | Required | Natural Ventilation | MR |
| | d. No. of continuous staircases to terrace | 2 Nos | Provided | MR |
| | e. Width of Corridor | Required | 1.5m | MR |
| | f. Door Size | 1m | Provided (final exit) | 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 | NA | NA | NA |
| | • Fire Dampers | NA | NA | NA |
| 4. | Smoke Management System | | | |
| | • Basements | NA | NA | NA |
| | • Upper floors | 12 a/c per hour | Natural Ventilation | MR |
| 5. | Fire Extinguishers | | | |
| | • Total numbers | 24 No's | 24 No's | MR |
| | • Types | ABC/ W. CO ₂ /CO ₂ | 12/12/-- No's | MR |
| | • IS marking | ISI | Yes | MR |
| 6. | First-Aid Hose Reels | | | |
| | • Total numbers on each floor | One | Provided | MR |
| | • Length of hose reel hose | 30m | Provided | MR |
| | • Nozzle diameter | 5mm | Provided | MR |
| 7. | Automatic fire detection and alarming system | | | |
| | • 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 | Required | Provided | MR |

| 9. | Public Address System | Required | Provided | MR |
|-----|---|---|--|----------|
| 10. | Automatic Sprinkler System | | | |
| | <ul style="list-style-type: none"> Basement Ground Floor Sprinkler above false ceiling | NA | NA | NA |
| | | 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 | 04 Nos | Provided | MR |
| | | 04 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 Standby Pump out put Standby Pump Head Auto Starting/Manual Stopping Pump House Access | [Two Pump Room (PR) with similar set of Pumps] | | |
| | | 2850LPM | 2850LPM:PR-1 2850LPM:PR-2 | MR MR |
| | | 90m | 90m:PR-1 90m:PR-2 | MR |
| | | 2Nos | Two:PR-1 Two:PR-2 | MR MR |
| | | 2 Nos of 180 LPM | 2 Nos of 180 LPM:PR-1 2 Nos of 180 LPM:PR-2 | MR MR |
| | | 90m | 90m:PR-1 90m:PR-2 | MR |
| | | 2850LPM | 2280LPM:PR-1 2280LPM:PR-2 | MR MR |
| | | 90m | 90m:PR-1 90m:PR-2 | 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 | NA | 900 LPM | NA |
| | | NA | 35m | NA |
| | | NA | Provided | NA |
| | | NA | Provided | NA |
| 14. | Captive Water Storage for fire fighting | | | |
| | <ul style="list-style-type: none"> Underground tank capacity Draw-off connection Fire service inlet Access to tank Overhead Tank capacity | 5,00,000 Lts | 5,00,000 Lts | MR |
| | | Required | Provided | MR |
| | | Required | Provided | MR |
| | | 10,000 Lts. | 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 Communication In lift Car Fireman's Grounding Switch Lift Signage | Required | Provided | MR |
| | | Required | Natural Ventilation | MR |
| | | 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 | | | |
| | <ul style="list-style-type: none"> MOEFA System Panel Flow Switch Panel | Required | Provided | MR |
| | | NA | NA | NA |

| | | | | |
|-----|--|----------|----------|----|
| | <ul style="list-style-type: none"> Battery backup Building Floor Plans | Required | Provided | MR |
| | | Required | Provided | MR |
| 20. | Special Fire Protection System for Protection of special Risks, if any: | NA | NA | NA |

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 of the Delhi Fire Service Rules 2010.

Accordingly reply letter in shape of DFA is put up.

Amitesh
6/12/17

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

DY. CFO(SZ)



dear up
6/12

CFO(SZ)

m.scell

FTD.

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7/12

Sir, f.p. is put up for a/s.s. please.

CFO(SZ)

Amitesh
11/12/17
DOLSD

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13/12/17.