

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI

HEAD QUARTERS: DELHI FIRE SERVICE: NEW DELHI-110001

Fax: 23412593, E-mail: cfohq.dlfire@nic.in, Tel:- 011-23414333

NO.F6/DFS/MS/2014/ *Hospital/52/973*

Dated: *31/07/14*

FIRE SAFETY CERTIFICATE

Certified that **Ward Block, Main Building located at Ansari Nagar, New Delhi** comprised of ward block, OPS & old private ward (basement floor, ground & nine upper floors) owned/occupied by AIIMS. The premises was inspected by the officer concerned of this department on 28-04-2014 in the presence of Mr. Manoj Kumar Jain (J.E. Civil) & Deepak Sharma (Security Officer) found that the said premises have 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 / building is fit for occupancy class **Group-C Institutional Building** with effect from *31/07/14* for a period of **3(three)** 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 subject to conditions printed below.

Issued on *31/07/14* at New Delhi by.



(Dr. G.C. MISRA)
CHIEF FIRE OFFICER

Copy to: -

1. The Executive Engineer (C), Engineering Services Department, AIIMS, New Delhi.

Conditions for the validity of fire safety certificate

1. All the fire safety and means of escape facilities shall be maintained in good working conditions at all time. Any lapse rendering fire safety or means of evacuation facilities rendering non-functional shall be the responsibility of the management.
2. Any loss of life or property due to non functional fire safety measures shall be at the responsibility of the management.
3. Basement shall be used as per the provisions of BBL.
4. Building Sanctioning authority may verify any deviation with regard to the construction / occupancy in the building. In case of any deviation, the fire safety certificate stands null and void.
5. The staffs shall be trained for operating fire fighting system and mock evacuation drills be conducted at regular intervals and record be maintained.
6. 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 website www.dfs.delhigovt.nic.in

INSPECTION REPORT

1. Name & address of the building:- ^{Block} Ward Main Building ,Ansari Nagar,New Delhi.
2. Type of occupancy: - Group C institutional Building.
3. Type of case:- New
4. Details of previous NOC:- No
5. Fire safety directives No.- F6/DFS/MS/BP/2014/62 dated 24/02/14
6. Date of inspection:- 28/04/14
7. Name of the inspecting officer:- D.O. D.P. Bharadwaj & A.D.O. S.S. Kaushik
8. Name & designation of officer
From the building side:- Mr. Manoj Kumar Jain (J.E. Civil) & Deepak Sharma (Security Officer)
9. Year of construction:- 1950.
10. Applicant's letter No:- Engg/EE(C)-I/Fire/2014 dated 28/04/14 **Three blocks :- Ward block, OPD & Old Pvt. Ward (Basement, Ground + 9 Upper Floor) /small basement services only.**

| S.No. | Minimum Standards on fire Prevention and fire safety U/R 33 | 12 basic fire safety standard | Provided at site | Remarks MR/NMR |
|-----------|---|--|---|-----------------|
| 1. | Access to Building | | | |
| | 1) Road width | 12 mtr. | Provided | MR |
| | 2) Gate width | 5 mtr. | Provided | MR |
| | 3) Width of internal road | 6 mtr. | Provided | MR |
| 2. | Number, Width Type & Arrangement of Exits | | | |
| | A. Number of staircases | | | |
| | 1. Upper floors | Required 7 Nos. old building <i>N.A. 2</i> | 3 ward block, 2 OPD block & 2 Old Pvt. ward | MR |
| | 2. Basements | Required 2 | 2 ward block. | MR |
| | B. Width of staircase | | | |
| | 1. Upper floors | Required old building <i>N.A. 2</i> | Ward block :- 190 cms., 140 cms. & 150 cms., OPD block :- 138 cms. & 117 cms. & Old Pvt. Ward :- 140 cms X 2. | MR old building |
| | 2. Basements | Required old case <i>N.A. 2</i> | 160 cms., 140 cms. & 125 cms. | MR |
| | C. Protection of exits | | | |
| | 1. Fire check door | Yes | Provided | MR |
| | 2. Pressurization | N/A | N/A | N/A |
| | D. No. of continuous staircase to terrace | 3 Nos. | 3 Nos. | MR |
| | E. Width of corridor | Required | 1.5 mtr. | MR |
| | F. Door size | Required | 1.5 mtr. & 2 mtr. | MR |
| 3. | Compartmentation | | | |
| | 1) Fire check door | Yes | Provided | MR |
| | 2) Sealing of electrical shafts | Yes | Provided | MR |
| | 3) Fire rating of shaft door | N/A | N/A | N/A |

Deepak

| | | | | |
|------------|---|--|--|-----|
| | 4) Water curtain | N/A | N/A | N/A |
| | 5) Fire Dampers | N/A | N/A | N/A |
| 4. | Smoke Management System | | | |
| | 1) Basements | 30 a/c per hour | Exhaust fan provided | MR |
| | 2) Upper floors | 12 a/c per hour | Exhaust fan provided | MR |
| 5. | Fire Extinguishers | | | |
| | 1) Total numbers | ISI Marked | 150 Nos. | MR |
| | 2) Types | | ABC & W.Co2 | MR |
| | 3) ISI marking | | Yes | MR |
| 6. | First-Aid Hose Reel | | | |
| | 1) Total number of each floor | 4 Nos. | 7 Nos. up to 5 th , 4 Nos. 6 th to 8 th & 2 Nos. at 9 th floor | MR |
| | 2) Length of hose reel hose | 30 m | Yes | MR |
| | 3) Nozzle diameter | 5 mm | Yes | MR |
| 7. | Automatic Fire Detection & Alarming System | | | |
| | 1) Type of detectors | Smoke detector | Provided | MR |
| | 2) Location of main panel | 1 st floor | Provided | MR |
| | 3) Location of repeater panel | N/A | N/A | N/A |
| | 4) Alternate source of power | Yes | Provided | MR |
| | 5) Hooter's Location | All floors | Provided | MR |
| 8. | MOEFA | Yes | Provided | MR |
| 9. | Public Address System | Yes | Provided | MR |
| 10. | Automatic Sprinkler System | | | |
| | 1) Basement | Yes | Provided | MR |
| | 2) Upper floors | N/A | N/A | N/A |
| | 3) Sprinkler above false ceiling | N/A | N/A | N/A |
| 11. | Internal Hydrants | | | |
| | 1) Size of riser/down-comer | 150 mm. | 150 mm. | MR |
| | 2) Number of hydrants per floor | 7 Nos. up to 5 th , 4 Nos. 6 th to 8 th & 2 Nos. at 9 th floor | 7 Nos. up to 5 th , 4 Nos. 6 th to 8 th & 2 Nos. at 9 th floor | MR |
| | 3) Hose box | 7 Nos. up to 5 th , 4 Nos. 6 th to 8 th & 2 Nos. at 9 th floor | 7 Nos. up to 5 th , 4 Nos. 6 th to 8 th & 2 Nos. at 9 th floor | MR |
| 12. | Yard Hydrants | | | |
| | 1) Total number of hydrants | 8 Nos. | 8 Nos. | MR |
| | 2) Hose box | 8 Nos. | 8 Nos. | MR |

| | | | | |
|------------|----------------------------------|----------|----------|-----|
| 13. | Pumping Arrangement | | | |
| | 1) Ground level | | | |
| | a) Discharge of main pump | 2850 LPM | 2850 LPM | MR |
| | b) Head of main pump | 70 mtr. | 70 mtr. | MR |
| | c) Number of main pump | one | one | MR |
| | d) Jockey pump out put | 250 LPM | 450 LPM | MR |
| | e) Jockey pump head | 70 mtr. | 70 mtr. | MR |
| | f) Stand by pump output | N/A | N/A | N/A |
| | g) Stand by pump head | N/A | N/A | N/A |
| | h) Auto starting/Manual stopping | Yes | Provided | MR |

overly

| | | | | |
|------------|--|----------------|----------------|-----|
| | 2) Terrace level | | | |
| | a) Discharge of pump | 450 LPM | 450 LPM | MR |
| | b) Head of pump | 40 mtr. | 40 mtr. | MR |
| | c) Power supply | N/A | N/A | N/A |
| | d) Auto starting of pump | N/A | N/A | N/A |
| 14. | Captive Water Storage for Fire Fighting | | | |
| | 1) Under ground tank capacity | 2,00,000 ltrs. | 2,00,000 ltrs. | MR |
| | a) Draw-off connection | Yes | Provided | MR |
| | b) Fire service inlet | Yes | Provided | MR |
| | c) Access to tank | Yes | Provided | MR |
| | d) Over head tank capacity | 25,000 Ltr. | 25,000 Ltr. | MR |
| 15. | Exit Signage. | Yes | Provided | MR |
| 16. | Provision of Lifts. | | | |
| | a) Pressurization of lift shaft | Yes | Provided | MR |
| | b) Pressurization of lift lobby | N/A | N/A | N/A |
| | c) Communication in lift car | Yes | Provided | MR |
| | d) Fireman's switch | Yes | Provided | MR |

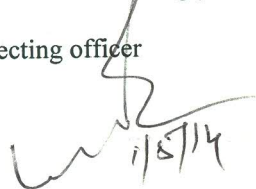
| | | | | |
|------------|---|----------|----------|-----|
| | e) Lift signage | Yes | Provided | MR |
| 17. | Stand by Power Supply | Yes | Provided | MR |
| 18. | Refuge Area | N/A | N/A | N/A |
| | Total area location | N/A | N/A | N/A |
| 19. | Fire Control Room | | | |
| | a) Detector system panel | Required | Provided | MR |
| | b) Flow switch panel | N/A | N/A | N/A |
| | c) PA system panel | Yes | Provided | MR |
| | d) Battery backup | Yes | Yes | MR |
| | e) Building floor plan | N/A | N/A | N/A |
| 20. | Special Fire Protection System for Protection of special Risk, if any: | | | N/A |

The fire protection system provided in the building were checked and found functional at the time of inspection.

Keeping in view of the substantial compliance of the minimum standards on fire prevention and fire safety required under the rules it is recommended to grant Fire Safety Certificate under rules 35 of the Delhi Fire Service Rules 2010/

Accordingly DFA is put up please

Signature of the inspecting officer



Name:- D.P. Bharadwaj

Designation:- Divisional Officer

Signature of the inspecting officer



Name:- S.S. Kaushik.

Designation:- Assistant Divisional Officer