

**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE: CONNAUGHT PLACE
NEW DELHI-110 001.**

No.F.6/DFS/MS/Hospital/2021/SZ 429

Dated: 02/09/2021

FIRE SAFETY CERTIFICATE

Certified that the **Super Specialty Hospital Wing of DDU Hospital, C-2B, Janak Puri, New Delhi-110058** comprised of basement, ground floor plus five upper floors was issued NOC by this department vide letter no. F.6/DFS/MS/Hospital/2017/SZ/1408 dated 25/09/2017 owned/occupied by Govt. of NCT of Delhi. The Hospital building was re-inspected by the officers concerned of this department on 11/08/2021 in the presence of Dr. Amrita Tiwary vyas & Sh. Amit Govil (AE) and found that Super Specialty Hospital Wing of DDU Hospital 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 building/ premises is fit for occupancy class Group-C "Institutional Building" Sub. Div. C-1 w.e.f. the date of issue of this certificate for a period of 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 printed as below.

Issued on.....02/09/2021..... at New Delhi.



(Atul Garg)

Director

Delhi Fire Service

Copy to:-

1. Executive Engineer (E), PWD, C-2B, Janakpuri, New Delhi-110058.
2. Medical Superintendent, JSSHS, New Delhi-110058.

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. The means of escape arrangements shall be kept unlocked & unobstructed for speedy evacuation of occupants in case of an emergency.
3. Any loss of life or property due to non-functional fire safety measures shall be at the risk and responsibility of the management.
4. All passage shall be kept free from obstructions.
5. The trained staff should be available round the clock.
6. Any deviations w.r.t. construction shall be verified by the concerned building sanctioning agency.
7. The certificate may not be treated in any case for the regularization of the unauthorized construction, if any.
8. Basement shall be used as per the building bye laws All passage shall be kept free from obstructions.
9. 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.
10. The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director in the Form 'J' [sub rule (1) of rule 37] along with a copy of this Certificate, six months prior to its expiry.
11. The hospital management should ensure the functional fire fighting system during renovation in the floor/portion of the building which is presently not in use.

INSPECTION REPORT

1. Name & address of the building : Super Specialty Hospital Wing of DDU Hospital, C-2B, Janak Puri, New Delhi-110058.
2. Building comprised of : Basement (parking/services), ground plus five upper floors.
3. Type of Occupancy : Institutional (Hospital Building)
4. Type of Case : Renewal
5. Details of Previous NOC : F.6/DFS/MS/Hospital/2017/SZ/1408 dated 25/09/2017
6. Fire Safety directives letter No : F.6/ MS/DFS/BP/2002/1313/Hospital dated 13.08.2002
7. Date of inspection : 11/08/2021
8. Name of Inspecting Officer : A.D.O. R.K.Yadav
9. Name and designation of officers
From the building side : Dr. Amrita Tiwary vyas & Sh. Amit Govil (AE)
10. Year of Construction : 2007
11. Applicant's letter No. : 24(8)/AE (E)-4/PWD HMED SW/2021-22/46 Dated 27/07/2021

| S. No. | Minimum Standards on fire prevention and fire safety U/R 33 | NBC / BBL 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 | Accessible (09 mtrs) 05 mtrs 06 mtrs | 30 & 24 mtrs 05 mtrs 06 mtrs | MR MR MR |
| 2. | Number, Width, Type & Arrangement of Exits | | | |
| | a. Number of staircases | | | |
| | <ul style="list-style-type: none"> • Upper Floors • Basements | 11 no.'s & 01 ramp | Provided | MR |
| | | 11 no.'s & 03 ramp | Provided | MR |
| | b. Width of staircases | | | |
| | <ul style="list-style-type: none"> • Upper Floor • Basements | 2.0 M | 1.93 m (06 no.'s) & .97 to 1.0 m (05 no.'s) & 2.6 m ramp | MR, being old case |
| | | 2.0 M | 1.93 m (06 no.'s) & .97 to 1.0 m (05 no.'s) & 5.0 m (02 no.'s) ramp | MR, being old case |
| | c. Protection of exits | | | |
| | <ul style="list-style-type: none"> • Fire check door • Pressurization | Required | Provided | MR |
| | | N/A | N/A | N/A |
| | d. No. of continuous staircases to terrace | Required | Four | MR |
| | | N/A | 2.9 m | MR |
| | e. Width of Corridor | N/A | Corridor doors 2.30M & ward doors 1.40 M | MR |
| | f. Door Size | | | |
| 3. | Compartmentation | | | |
| | <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 | Sealed | MR |
| | | N/A | N/A | N/A |
| | | N/A | N/A | N/A |
| | | Required | Provided | MR |
| 4. | Smoke Management System | | | |
| | <ul style="list-style-type: none"> • Basements | Required | Mechanical ventilation system is provided | MR |
| | <ul style="list-style-type: none"> • Upper floors | Required | Natural Ventilation/(openable window) | MR |
| 5. | Fire Extinguishers | | | |
| | <ul style="list-style-type: none"> • Total numbers • Types • IS marking | 12 no.'s at each floor | Provided | MR |
| | | ABC/WCO ₂ /CO ₂ type | Provided | MR |
| | | ISI marked | Provided | MR |

| | | | | |
|-----|-----------------------------------------------------|--------------------|----------------|-----|
| 6. | First-Aid Hose Reels | | | |
| | • Total numbers on each floor | 06 no. | Provided | MR |
| | • Length of hose reel hose | 30 m | Provided | MR |
| | • Nozzle diameter | 05 mm | Provided | MR |
| 7. | Automatic fire detection and alarming system | | | |
| | • Type of detectors | Required | Provided | MR |
| | • Location of Main Panel | Required | Near main gate | MR |
| | • Location of Repeater Panel | Required | Near main gate | MR |
| | • Alternate source of power | Required | Provided | MR |
| | • Hooters' Location | Required | In staircase | MR |
| 8. | MOEFA | Required | Provided | MR |
| 9. | Public Address System | Required | Provided | MR |
| 10. | Automatic Sprinkler System | | | |
| | • Basement | Required | Provided | MR |
| | • Ground Floor | Required | Provided | MR |
| | • Sprinkler above false ceiling | Required | Provided | MR |
| 11. | Internal Hydrants | | | |
| | • Size of riser/down-comer | 100 mm | 100 mm | MR |
| | • Number of hydrants per floor | Six | Six | MR |
| | • Hose Box | Six | Six | MR |
| 12. | Yard Hydrants | | | |
| | • Total number of hydrants | Eight | Eight | MR |
| | • Hose Box | Eight | Eight | MR |
| 13. | Pumping Arrangements | | | |
| | • Ground Level | | | |
| | ➤ Discharge of main Pump | 2850 LPM | Provided | MR |
| | ➤ Head of Main pump | 60 Mtr | Provided | MR |
| | ➤ Number of main pumps | Two | Provided | MR |
| | ➤ Jockey Pump out put | 180 LPM (02 no.'s) | Provided | MR |
| | ➤ Jockey pump head | 40 mtr | Provided | MR |
| | ➤ Standby Pump out put | 2850 LPM | Provided | MR |
| | ➤ Standby Pump Head | 60 Mtr | Provided | MR |
| | ➤ Auto Starting/Manual Stopping | Required | Provided | MR |
| | ➤ Pump House Access | Required | Provided | MR |
| | • Terrace level | | | |
| | ➤ Discharge of pump | N/A | N/A | N/A |
| | ➤ Head of the pump | N/A | N/A | N/A |
| | ➤ Power Supply | N/A | N/A | N/A |
| | ➤ Auto Starting of pump | N/A | N/A | N/A |
| 14. | Captive Water Storage for fire fighting | | | |
| | • Underground tank capacity | 200000 ltrs. | Provided | MR |
| | ➤ Draw-off connection | Required | Provided | MR |
| | ➤ Fire service inlet | Required | Provided | MR |
| | ➤ Access to tank | Required | Provided | MR |
| | • Overhead Tank capacity | 30,000 ltrs | Provided | MR |
| 15. | Exit Signage. | Required | Provided | MR |

| | | | | |
|-----|--------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------|-----|
| 16. | Provision of Lifts. | | | |
| | • Pressurization of Lift Shaft | Required | Provided | MR |
| | • Pressurization of Lift lobby | N/A | N/A | N/A |
| | • 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 | N/A | N/A | N/A |
| | ➤ Location | N/A | N/A | N/A |
| 19. | Fire Control Room | | | |
| | • Detector System Panel | Required | Provided | MR |
| | • Flow Switch Panel | Required | Provided | MR |
| | • PA System Panel | Required | Provided | MR |
| | • Battery backup | Required | Provided | MR |
| | • Building Floor Plans | N/A | N/A | N/A |
| 20. | Special Fire Protection System for Protection of special Risks, if any: | Required | LT Panel is provided with automatic Clean agent fire suppression system | MR |

The fire protection systems provided in the building were checked, found functional at the time of inspection and shortcomings issued vide letter no. F6/DFS/MS/Hospital/2021/ADO(JKP)/05 dated 07/04/2021 has been complied.

In view the deemed compliance of the minimum standards on fire prevention and fire safety measures as required under the rules, the FSC issued vide letter No. F.6/DFS/MS/Hospital/2017/SZ/1408 dated 25/09/2017 renewal under rule 37 of the Delhi Fire Service rules 2010 is recommended.



DO (South West)

K. Yadav
13/08/2021

Sy chof (S2)

C.F.O.

18/8

20/8

R.K. Yadav
12/8/2021

Signature of Inspecting Officer
Name:- R.K. Yadav
Designation:- Asstt. Divisional Officer