

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE, NEW DELHI - 110001

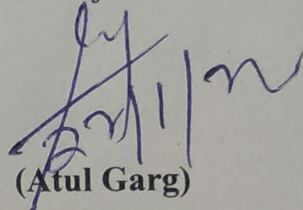
No. F6/DFS/MS/GH/NDZ/2021/ Hospital/ 48

Dated: 22/01/2021

FIRE SAFETY CERTIFICATE

Certified that the **Mother and Child Block, St. Stephen's Hospital, located near Tis Hazari, Delhi-110054**, comprised of Basement, Ground + 4 Upper Floors was granted FSC by this department vide letter no. F6/DFS/Hospitals/MS/2018/11 dated 01.01.2018. The premises was re-inspected by Assistant Divisional Officer (SPM) from this department on 18.01.2021 in presence of Sh. Alok James (Project coordinator) and found that the building has deemed complied with the fire prevention and fire safety requirements in accordance with Rule 33 of Delhi Fire Service Rules, 2010. Accordingly, the premises is fit for occupancy of **Group C-1 (Institutional)**, with effect from 22/01/2021..... 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 conditions under rule 38 of Delhi Fire service Rules, 2010 printed below.

Issued on 22/01/2021.....at New Delhi by


(Atul Garg)

Director

Delhi Fire Service

Tel:-011-23414000

Copy to:-

The Medical Superintendent,

Mother and Child Block, St. Stephen's Hospital, Tis Hazari, Delhi-110054

o/c Dh
22/1/21

Condition for the validity of fire safety certificate

1. All the fire safety arrangements provided therein shall be maintained in good working conditions at all times.
2. Any loss of life or property due to non functional fire safety measures shall be at the responsibility of the management.
3. The trained fire fighting staff should be available round the clock.
4. Any deviation w.r.t. construction etc. shall be verified by the concerned building sanctioning authority.
5. This fire safety certificate may not be treated in any case for regularization of unauthorized construction, if any.
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 www.dfs.delhigovt.nic.in
7. The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director in form 'J' [sub rule (I) of rule 37] along with a copy of this Certificate, six month prior to its expiry".
8. Any change in the occupancy shall be intimated to this Deptt. and approval shall be obtained thereto before occupancy of the same.
9. Basement shall be used as per BBL.

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INSPECTION REPORT

| | | | | |
|-------------|--|---|-------------------------|-----------------------|
| 1 | Name & address of the building | Mother and Child Block, St. Stephens Hospital, Tis Hazari, Delhi - 110054 | | |
| 2 | Building is comprised of | Basement, Ground + 4 Upper Floors | | |
| 3 | Type of Occupancy | Institutional (Hospital) | | |
| 4 | Type of Case | Renewal | | |
| 5 | Details of Previous FSC | F6/DFS/Hospitals/MS/2018/11 Dated 01.01.2018 | | |
| 6 | Fire Safety direction letter No | Nil | | |
| 7 | Date of Inspection | 10.12.2020 | | |
| 8 | Name of the Inspecting Officers | ADO (SPM) Rajesh Kumar Shukla | | |
| 9 | Name of the designation of Officer from the building side | Mr. Alok James, project co-coordinator. | | |
| 10 | Year of Construction | Old | | |
| 11 | Applicant's letter No | Email dated 11.01.2021 | | |
| S.No | Minimum Standards on fire safety requirements as per U/R 33 | Requirements as per NBC 1983 and BBL 1983 | Provided at Site | Remarks MR/NMR |
| 1 | Access to building | | | |
| | Road width | 6 m | 30 m | MR |
| | Gate width | 05 m | 05 m | MR |
| | Width of internal road | NA | NA | NA |
| 2 | Number, Width, Type and Arrangement of Exits | | | |
| | A. Number of Staircases | | | |
| | Upper Floor | 05 nos. | 05 nos | MR |
| | Basement | 05 nos | 05 nos | MR |
| | B. Width of Staircases | | | |
| | Upper Floor | 02 mtrs | 02 mtrs | MR |
| | Basement | 02 mtrs | 02 mtrs | MR |
| | C. Protection of exits | | | |
| | Fire check door | Required | Provided | MR |
| | Pressurization | Required | Provided | MR |
| | D. No. of continuous staircases to terrace | 1 no. | 04 nos. | MR |
| | E. Width of Corridor | 2.4 mtrs. | 2.4 mtrs | MR |
| | G. Door size | 2 mtrs | 2 mtrs | MR |
| 3 | Compartmentation | | | |
| | Fire check door | Required | Provided | MR |
| | Sealing of electrical shafts | Required | Provided | MR |
| | Fire rating of shaft door | NA | NA | NA |
| | Water curtain | NA | NA | NA |
| | Fire Dampers | NA | NA | NA |
| 4 | Smoke Management System. | | | |
| | Basement | 30a/c per hour | Provided | MR |
| | Upper floor | 12a/c per hour | Natural | MR |

R. K.

| | | | | |
|-----------|--|--------------------------|-----------------------|----|
| 5. | Fire Extinguisher | | | |
| | Total numbers | 58 nos. | 60 nos. | MR |
| | Types | CO ₂ & ABC | CO ₂ & ABC | MR |
| | IS marking | ISI marked | ISI marked | MR |
| 6 | First-aid-Hose Reels. | | | |
| | Total numbers of each floor | 03 nos. at each floor | 03 no in each block | MR |
| | Length of hose reel hose | 30 m | 30 m | MR |
| | Nozzle diameter | 5 mm | 5 mm | MR |
| 7 | Automatic fire detection and alarming system. | | | |
| | Type of detectors | Smoke detectors | Provided | MR |
| | Location of main panel | Ground floor | FCR at ground floor | MR |
| | Location of repeater panel | At respective floor | Provided | MR |
| | Alternate source of power | Required | Provided | MR |
| | Hooters | Required in common areas | Provided | MR |
| 8 | MOEFA | Required | Provided | MR |
| 9 | Public address System. | Required | Provided | MR |
| 10 | Automatic Sprinkler System. | | | |
| | Basement | Required | Provided | MR |
| | Upper floor | NA | NA | NA |
| | Sprinkler above false ceiling | NA | NA | NA |
| 11 | Internal Hydrants | | | |
| | size of riser/down-comer | 100 mm | 100 mm | MR |
| | Number of hydrants per floor | 03 nos. | 03 nos. | MR |
| | Hose Box | 03 nos. | 03 nos. | MR |
| 12 | Yard Hydrants. | | | |
| | Total number of hydrants | 09 nos. | 09 nos. | MR |
| | Hose Box | 09 nos. | 09 nos. | MR |
| 13 | Pumping Arrangements. | | | |
| | • Ground Level | | | |
| | ➤ Discharge of main Pump | 2850 lpm | 2850 lpm | MR |
| | ➤ Head of Main Pump | 80 mtrs | 80 mtrs | MR |
| | ➤ Number of main pumps | 02 nos. | 02 nos. | MR |
| | ➤ Jockey pump out put | 440 lpm | 440 lpm | MR |
| | ➤ Jockey pump head | 80 mtrs | 80 mtrs | MR |
| | ➤ Standby pump out put | 2850 lpm | 2850 lpm | MR |
| | ➤ Standby pump Head | 80 mtrs | 80 mtrs | MR |
| | ➤ Auto Starting /Manual stopping | Required | Provided | MR |
| | ➤ Pump House Access | Required | Provided | MR |
| | • Terrace Level | | | |
| | ➤ Discharge of pump | NA | NA | NA |
| | ➤ Head of the Pump | NA | NA | NA |
| | ➤ Power supply | NA | NA | NA |
| | ➤ Auto Starting of pump | NA | NA | NA |

| | | | | |
|-----------|---|-------------|-------------|----|
| 14 | Captive Water Storage for Fire Fighting. | | | |
| | Underground tank capacity | 250000 ltrs | 250000 ltrs | MR |
| | Draw-off connection | Required | Provided | MR |
| | Fire service inlet | Required | Provided | MR |
| | Access to tank | Required | Provided | MR |
| | Overhead Tank capacity | 20000 ltrs | 40000 ltrs | MR |
| 15 | Exit Signage. | Required | Provided | MR |
| 16 | Provision of Lifts | | | |
| | Pressurization of Lift Shaft | Required | Provided | MR |
| | Pressurization of Lift lobby | NA | NA | NA |
| | Communication in lift car | Required | Provided | MR |
| | Firemen'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 | | | |
| | Detector system panel | Required | Provided | MR |
| | Flow switch panel | NA | NA | NA |
| | PA system panel | Required | Provided | MR |
| | Battery backup | Required | Provided | MR |
| | Building Floor Plans | NA | NA | NA |
| 20 | Special Fire Protection systems for protection of special Risks, if any: | NA | NA | NA |

The shortcomings issued by this department vide letter no F6/DFS/MS/2020/Hospital/3161 dated 24.12.2020 has been rectified by the management of the hospital.

The fire protection systems provided in the building were tested, checked at random and were found functional at the time of inspection

In view of the deemed compliance of minimum standards of fire prevention and fire safety as required under the Rules, the FSC issued vide letter No F6/DFS/Hospitals/MS/2018/11 dated 01.01.2018 is recommended to be renewed under Rule 35 of the Delhi Fire Service Rules 2010.

[Signature]
19/1/2021

Signature of the Inspecting Officer

Name Rajesh Kumar Shukla

Designation ADO (SPM)

DO (CD)



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[Signature]
Dy. Chf. (Grd 2)

[Signature]
20/1/21

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CFO (Grd 1)

[Signature]
20/1/21

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