

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

No. F6/DFS/MS/NDZ/2020/ 458

Dated: 22/09/2021

**FIRE SAFETY CERTIFICATE**

Certified that the **St. Stephen's Hospital (Old Block), Tis Hazari, Delhi-110054**, comprised of **Basement + Ground + 04 upper floors** was granted FSC by this department vide letter no. F6/DFS/MS/2018/Hospital/853 dated 26.04.2018. The premises was re-inspected by the officers concerned of this department on 06.09.2021 in presence of Sh. Alok James (Project Manager) 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 class **C -1 "Hospital (Institutional Building)"**, with effect from 22/09/2021..... 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 22/09/2021.....at New Delhi by

  
(Atul Garg)  
Director

Delhi Fire Service  
Tel:-011-23414000

**Copy to:-**

The Medical Superintendent, St. Stephen's Hospital (Old Block), Tis Hazari, Delhi-110054

o/c   
17/9/21

**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](http://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. Basement shall be used as per BBL.
9. Any change in the occupancy shall be intimated to this Deptt. and approval shall be obtained thereto before occupancy of the same.

**INSPECTION REPORT**

1.	Name and address of the building:	St. Stephen's Hospital (Old Block), Tis Hazari, Delhi-110054
2.	Type of occupancy with details of floors:	Institutional Building (Basement + Ground + 04 upper floors).
3.	Type of case:	Renewal (12 point inspection).
4.	Details of previous FSC:	No. F6/DFS/MS/2018/Hospital/853 dated 26.04.2018.
5.	Fire safety directives no.:	NA.
6.	Date of inspection:	06.09.2021.
7.	Name of the inspecting officer:	ADO Rajesh Kumar Shukla.
8.	Name and designation of the officer from the building side:	Sh. Alok James (Civil work supervisor).
9.	Year of construction:	1974.
10.	Reference letter no.:	Email dated 26.08.2021

S.No	Minimum standard of Fire Prevention and Fire Safety U/R 33	Requirements (Existing Fire & Safety Measures as per previous inspection & FSC)	Provide at site	Remarks MR/NMR	
<b>1</b>	<b>Access to Building</b>				
	A	Road width	06 m	18 m	MR
	B	Gate width	05 m	05 m	MR
	C	Width of internal road	NA	NA	NA
<b>2</b>	<b>Number, Width, Type &amp; Arrangement of Exits</b>				
	A	No. Of Staircase:			
		a) Upper Floor	02 no.	02 no.	MR
		b) Basements	02 no.	2 no + 1 ramp	MR
	B	Width of the Staircase:			
		a) Upper floors	1.37 m x 2 no. Or 1.95 m x 1 no.	2 m, 1.33 m, 1.25 m (till 2 <sup>nd</sup> floor only)	MR
		b) Basements	1.25 m	1.25 m, 1.33 m Ramp -3 m	MR
	C	Protection of Exits			
		a) Fire Check Door	Required	Provided in staircase	MR
		b) Pressurization	NA	NA	NA
	D	No. Of continuous staircase to terrace:	1 no.	1 no	MR
	E	Width of the corridor	NA	NA	NA
	F	Door size (main gate)	2 m	2 m	MR
<b>3</b>	<b>Compartmentation:</b>				
	A	Fire Check doors (in staircase)	Required	Provided	MR
	B	Sealing of Electrical Shafts	Required	Provided	MR
	C	Fire rating of Shaft Doors	NA	NA	NA
	D	Water curtain	NA	NA	NA
	E	Fire dampers	NA	NA	NA
<b>4</b>	<b>Smoke Management System:</b>				
	A	Basements	Mechanical/ Natural	Exhaust fan	MR(old case)
	B	Upper floors	Mechanical/ Natural.	Natural	MR
<b>5</b>	<b>Fire Extinguishers</b>				
	A	Total numbers	60 no.	60 no.	MR
	B	Types	CO <sub>2</sub> & ABC	CO <sub>2</sub> & ABC	MR
	C	ISI marking	Required	Provided	MR

<b>6</b>	<b>First Aid Hose Reel</b>				
	<b>A</b>	Total no. at each floor	02 no.	02 no.	<b>MR</b>
	<b>B</b>	Length of Hose Reel	30 mtrs	30 mtrs	<b>MR</b>
	<b>C</b>	Nozzle diameter	5 mm	5 mm	<b>MR</b>
<b>7</b>	<b>Automatic Fire Detection and Alarm System (ADAS)</b>				
	<b>A</b>	Type of Detectors	Smoke & Heat	Provided	<b>MR</b>
	<b>B</b>	Location of main Panel	Fire Control Room	Provided	<b>MR</b>
	<b>C</b>	Location of Repeater Panel	At each floor	Provided	<b>MR</b>
	<b>D</b>	Alternate power Source	Required	Provided	<b>MR</b>
	<b>E</b>	Hooter's location	At common area	Provided	<b>MR</b>
<b>8</b>	<b>MOEFA</b>		Required	Provided	<b>MR</b>
<b>9</b>	<b>Public Address System</b>		Required	Provided	<b>MR</b>
<b>10</b>	<b>Automatic Sprinkler System</b>				
	<b>A</b>	Basement	Required	Provided	<b>MR</b>
	<b>B</b>	Upper Floors	NA	NA	NA
	<b>C</b>	Sprinklers above false ceiling	NA	NA	NA
<b>11</b>	<b>Internal hydrants</b>				
	<b>A</b>	Size of the riser/down comer	100 mm	100 mm	<b>MR</b>
	<b>B</b>	No. Of hydrants per floor	02 no.	02 no.	<b>MR</b>
	<b>C</b>	Hose box	02 no.	02 no.	<b>MR</b>
<b>12</b>	<b>Yard Hydrants</b>				
	<b>A</b>	Total no. of hydrants	04 no.	04 no.	<b>MR</b>
	<b>B</b>	Hose box	04 no.	04 no.	<b>MR</b>
<b>13</b>	<b>Pumping arrangements (combined for all blocks)</b>				
	<b>A</b>	<b>Ground Level</b>			
		a) Discharge of main pump	2850 LPM	2850 LPM	<b>MR</b>
		b) Head of main pump	80 m	80 m	<b>MR</b>
		c) Number of main pump	01 no.	01 no.	<b>MR</b>
		d) Discharge of jockey pump	440 LPM	440 LPM	<b>MR</b>
		e) Head of jockey pump	80 m	80 m	<b>MR</b>
		f) Discharge of Standby pump	2850 LPM	2850 LPM	<b>MR</b>
		g) Head of Standby pump	80 m	80 m	<b>MR</b>
		h) Auto starting/ manual stopping	Required	Provided	<b>MR</b>
	<b>B</b>	<b>Terrace Level</b>			
		a) Discharge of terrace pump	NA	NA	NA
		b) Head of terrace pump	NA	NA	NA
		c) Alternate power supply	NA	NA	NA
		d) Auto starting of pump	NA	NA	NA
<b>14</b>	<b>Captive Water Storage for Fire Fighting</b>				
	<b>A</b>	Underground tank capacity	1,00,000 Ltrs	2,00,000 Ltrs	<b>MR</b>
	<b>B</b>	Draw off connection	Required	Provided	<b>MR</b>
	<b>C</b>	Fire Service Inlet	Required	Provided	<b>MR</b>
	<b>E</b>	Access to tank	Required	Provided	<b>MR</b>
	<b>D</b>	Overhead tank capacity	20,000 ltrs	70,000 Ltrs	<b>MR</b>
<b>15</b>	<b>Exit Signage</b>		Required	Provided	<b>MR</b>
<b>16</b>	<b>Provision of lift</b>				
	<b>A</b>	Pressurization of lift shaft	Required	Provided	<b>MR</b>
	<b>B</b>	Pressurization of lift lobby	NA	NA	NA
	<b>C</b>	Communication in lift car	Required	Provided	<b>MR</b>
	<b>D</b>	Fireman switch	Required	Provided	<b>MR</b>
	<b>E</b>	Lift signage	Required	Provided	<b>MR</b>
<b>17</b>	<b>Standby Power Supply</b>		Required	Provided	<b>MR</b>

N/40

<b>18</b>	<b>Refuge Area</b>				
	<b>A</b>	location	NA	NA	NA
	<b>B</b>	Total area	NA	NA	NA
<b>19</b>	<b>Fire Control Room</b>				
	<b>A</b>	Fire Detection System panel	Required	Provided	<b>MR</b>
	<b>B</b>	Flow switch panel	NA	NA	NA
	<b>C</b>	P A system panel	Required	Provided	<b>MR</b>
	<b>D</b>	Battery backup	Required	Provided	<b>MR</b>
	<b>E</b>	Building floor plan	Required	Provided	<b>MR</b>
<b>20</b>	<b>Special Fire Protection for special risk if any</b>				NA

The fire protection system was randomly checked, tested and was found functional at the time of inspection. The shortcomings issued vide letter no. F6/DFS/MS/Hospital/NDZ/2021/1212 dated 23.06.2021 by this department has been rectified by the hospital management except point no. 6 i.e. provision of fire check doors at the lifts communicating to the basement. The management has submitted that this block had been constructed in 1974 and they have not made any structural change in the building ever since and that fire check doors have been provided at suitable locations as recommended by this department. Elaborate recommendations/ requirements regarding fire safety have been made by this department for mother and child block which has same building configuration but no recommendation for FCD for lifts in the basement is available on records for old block building. Since the building has already been granted FSC vide letter no F6/DFS/MS/2018/Hospital/853 dated 26.04.2018 and new requirements cannot be insisted upon.

If agreed, the FSC issued vide letter No. F6/DFS/MS/2018/Hospital/853 dated 26.04.2018 is recommended to be renewed under Rule 35 of the Delhi Fire Service Rules 2010.

*[Signature]*  
13/9/21

Signature of the Inspecting Officer

Name : Rajesh Kumar Shukla

Designation: ADO (SPM)

*[Signature]*  
DO (CD)  
13/9/21

*[Signature]*  
Dy. Chief Fire Officer

*[Signature]*  
13/9/21

*[Signature]*  
CFO (CD)

*[Signature]*  
13/9/21

