



N.F6/DFS/MS/Hospital/SZ/2023/342

Dated: 19/07/2023

FIRE SAFETY CERTIFICATE

Certified that the M/s **Batra Hospital & Medical Research Centre** located at 1, **Tughlakabad Institutional Area, Mehrauli Badarpur Road, New Delhi-62**, comprised of Three Blocks: Block A (Basement + Ground + 5 upper floors), Block B (Basement + Ground + 5 upper floors) & Cardiovascular Block- for offices use (Ground + 2 upper floors) & was granted Fire Safety Certificate by this department vide letter no. F6/DFS/MS/Hospital/2020/SZ/237 dated 03.07.2020 for A & B block. The building/premises was re-inspected by a team of officers concerned of this department on 14.07.2023 in presence of Mr. Satvinder Sangwan (Security & Fire Head) and found that the building (A & B block) has deemed complied with the fire prevention and fire safety requirements in accordance with Rule 33 of Delhi Fire Service Rules, 2010 and is fit for occupancy of Group 'C' Hospital (Institutional Building) with effect from 19/07/2023.... 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 19/07/2023.....at New Delhi by


(Atul Garg)
Director
Delhi Fire Service
etc 19/7/23

Copy to:-

1. The Medical Superintendent Nursing Home, Directorate of General of Health Services, 3rd floor, DGD Building, S-1, School Block, Shakarpur, New Delhi-92.
2. The Medical Superintendent, M/s Batra Hospital & Medical Research Centre, (A & B Blocks), 1, Tughlakabad Industrial Area, Mehrauli Badarpur Road, New Delhi-62.

Conditions 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. 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:	M/s Batra Hospital & Medical Research Centre, (A & B Blocks), 1, Tughlakabad Industrial Area, Mehrauli Badarpur Road, New Delhi-62.
2	Building is comprised of	Institutional Building "Ground - C "
3	Type of occupancy	Three Blocks: Block A (B+G+5UF), Block B (B+G+5UF) & Cardiovascular Block (G+2UF) Block A's 3 rd floor is connected to the 2 nd floor of Block-B by a horizontal passage through Cardiovascular Block. The Cardiovascular Block is low rise building having Business Occupancy, interconnected with Block A at all floor levels.
4	Type of case:	Renewal
5	Details of previous FSC:	F6/DFS/MS/Hospital/2020/SZ/237 dated 03.07.2020
6	Fire safety directives no.:	F6/MS/DFS/85/1 dated 01.01.1996 dated (Old block & Service block, now known as A block & cardiovascular block) F6/MS/DFS/94/Hospital/761/dated 13.05.1994 & F6/MS/DFS/Hospital/BP/99/1830 dated 24.12.1999 (New block, now known as B block)
7	Date of inspection:	14.07.2023
8	Name of the inspecting officer:	Manoj Kumar Sharma, DO (SD) & Rajesh Kumar Shukla, ADO (M.Road)
9	Name and designation of the officer from the building side:	Mr. Satvinder Sangwan, Security & Fire Officer.
10	Year of construction:	Old Block + Service Block-1996 & New block -2009
11	Reference letter no.:	Outdoor Diary no. 543 dated 3.07.2023

S.No	Minimum standard of Fire Prevention and Fire Safety U/R 33	Requirements (Existing Fire & Safety Measures)	Provide at site	Remarks MR/ NMR
1	Access to Building			
	A Road width	Accessible	9.0 m	MR (Old case)
	B Gate width	Direct approachable	4.5 m	MR (Old case)
	C Width of internal roads	Block A- 5 m to 7 m Block-B- 5 m on west & south side	Provided	MR (Old case)
2	Number, Width, Type & Arrangement of Exits			
	A No. Of Staircase:			
	a) Upper floor	Block A- 3 nos. + 1 ramp (All from basement to top floor) Block B- 3 nos. + 1 ramp (All from basement to top floor)	Provided	MR (Old case)
	b) Basements	Block A- 3 nos. + 1 ramp Block B- 3 nos. + 1 ramp	Block A- 3 nos. + 1 ramp Block B- 4 nos.	MR (Old case)
	B Width of the Staircase:			
	a) Upper floors	Block A- 1.5 m & ramp 2.4 m Block B- 2 m & ramp 2 m	Block A- 1.5 m, 1.53 m, 1.5 m & ramp 2.2 m Block B- 1.28 m, 1.55 m, 1.3 m & 1.8 m	MR (Old case)
	b) Basements	Block A- 1.5 m & ramp 2.4 m Block B- 2 m & ramp 2 m	Block A- 1.5 m, 1.53 m, 1.5 m & ramp 2.2 m Block B- 1.28 m, 1.55 m, 1.3 m & 1.8 m	MR (Old case)
	C Protection of Exits			
	a) Fire check door	Required	Provided	MR
	b) Pressurization	Natural Ventilation	Provided	MR
	D No. of continuous staircase to terrace:	Required	Block A-1 no., Block B- 4 nos.	MR(Old case)
	E Width of the corridor	Required	Block A- 1.9 m to 2.3 m Block B- 2.3 m	MR(Old case)
	F Door size	Required	Block A- 1.1 m & Block B- 1.3m	MR(Old case)
3	Compartmentation:			
	A Fire check doors	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	Provided	NA
4	Smoke Management System:			
	A Basements	NA	M.V. Partially provided	NA
	B Upper floors	NA	M.V. Partially provided	NA

5	Fire Extinguishers			MR
A	Total numbers	Required	140 nos.	MR
B	Types	CO ₂ , ABC & WCO ₂	CO ₂ , ABC & WCO ₂	MR
C	ISI marking	ISI marked	Provided	MR
6	First Aid Hose reel			MR
A	Total no. at each floor	Block A- 2nos. Block B- 2nos.	Block A- 2nos. Block B- 2nos.	MR
B	Length of Hose Reel	A -36 m & B-30 m	Provided	MR
C	Nozzle diameter	5 mm	Provided	MR
7	Automatic Fire Detection and Alarm System (ADAS)			MR
A	Type of Detectors	Smoke & Heat	Provided	MR
B	Location of main Panel	Ground floor	Provided	MR
C	Location of repeater panel	NA	NA	MR
D	Alternate power source	Required	Provided	MR
E	Hooter's location	Audible in entire building	Provided	MR
8	MOEFA			MR
9	Public Address System			MR
10	Automatic Sprinkler System			MR
A	Basement	Required in both blocks	Provided	MR
B	Upper floor	Block A -NA	Block A -NA	NA
		Block B required	Provided	MR
C	Sprinklers above false ceiling	NA	NA	NA
11	Internal hydrants			MR
A	Size of the riser/down comer	Required	100 mm	MR
B	No. of hydrants per floor	Block A- 3 nos.	Block A- 3 nos.	MR
		Block B- 2 nos.	Block B- 2 nos.	MR
C	Hose box	Block A- 3 nos. Block B- 2 nos.	Block A- 3 nos. Block B- 2 nos.	MR
12	Yard Hydrants			MR
A	Total no. of hydrants	Required	17 nos.	MR
B	Hose box	Required	17 nos.	MR
13	Pumping arrangements			MR
A	Ground Level			MR
	a)	Discharge of main pump	Block A -2250LPM Block B- 2400 LPM	Block A -2280 LPM Block B- 2850 LPM
	b)	Head of main pump	Block A-70 m Block B- adequate	Block A-70 m Block B- 70 m
	c)	Number of main pump	Block A-01 no. Block B-01 no.	Block A-2 nos. Block B- 2 nos.
	d)	Discharge of jockey pump	Required	Block A- 180 LPM Block B-2 x 180 LPM
	e)	Head of jockey pump	Block A-70 m Block B- adequate	Block A-70 m Block B- 70 m
	f)	Discharge of Standby pump	Block A -2 x 2250LPM Block B- 2400 LPM	Block A -2280 LPM Block B- 2850 LPM
	g)	Head of Standby pump	Block A-70 m Block B- adequate	Block A-70 m Block B- 70 m
	h)	Auto starting/ manual stopping	Required	Provided
B	Terrace Level			NA
	a)	Discharge of terrace pump	NA	NA
	b)	Head of terrace pump	NA	NA
	c)	Alternate power supply	NA	NA
	d)	Auto starting of pump	NA	NA

14 Captive Water Storage for Fire Fighting				
A	Underground tank capacity	2,50,000 litres each blocks	Block A-1,00,000 ltrs Block B- 2,15,000 ltrs	MR Old Case)
B	Draw off connection	Required	Provided	
C	Fire Service Inlet	Required	Provided	MR
E	Access to tank	Required	Provided	MR
D	Overhead tank capacity	20,000 litres each blocks	Block A- 20,000 ltrs Block B- 60,000 ltrs	MR
15	Exit Signage	Required	Provided	MR
16	Provision of lift			
A	Pressurization of lift shaft	Required in both block	Provided	MR
B	Pressurization of lift lobby/well	Block A- Required Block B-NA	Block A-Provided Block B-NA	MR
C	Communication in lift car	Required	Provided	MR
D	Fireman switch	Required	Provided	MR
E	Lift signage	Required	Provided	MR
17	Standby Power Supply	Required	Provided	MR
18	Refuge Area			
A	location	NA	NA	NA
B	Total area	NA	NA	NA
19	Fire Control Room			
A	Fire Detection System panel	Required	Provided	MR
B	Flow switch panel	NA	NA	NA
C	P A system panel	Required	Provided	MR
D	Battery backup	Required	Provided	MR
E	Building floor plan	Required	Provided	MR
20	Special Fire Protection for special risk if any		NA	NA

Meeting Requirement (MR), Not Meeting Requirement (NMR), Not Applicable (NA), Provided but Not Functional (PNF), Not Provided (NP).

The fire protection system was randomly checked and tested and was found functional at the time of inspection.

The shortcomings issued to the building vide letter no. F6/DFS/MS/Hospital/SZ/2023/955 dated 12.05.2023 by this department has been rectified by the Hospital management.

In view of the deemed compliance of minimum standards of fire prevention and fire safety measures as required under the Rules, the FSC issued vide letter No. F6/DFS/MS/Hospital/2020/SZ/237 dated 03.07.2020 is recommended to be renewed under Rule 37 of the Delhi Fire Service Rules 2010.

msk
Signature of the Inspecting Officer
Name : Manoj Kumar Sharma
Designation DO (SD)

RK
17/07/23
Signature of the Inspecting officer
Name Rajesh Kumar Shukla
Designation ADO (M.Road)

CFD
17/7/2023
Director MV
21/7/23

DK

msk