



No. F6/DFS/MS/Hospital/2022/ 3/19

Dated: 15/07/2022

FIRE SAFETY CERTIFICATE

Certified that the **M/s Escorts Heart Institute and Research Centre Limited**, located at **Okhla Road, New Delhi-110025**, comprised of **Basement + Ground + 05 upper floors** was granted FSC by this department vide letter no. F6/DFS/MS/Hospital/2019/SZ/2220 dated 26.11.2019. The building/premises was re-inspected by a team of officers from this department on 27.06.2022 in presence of Mrs. Sangeeta Dua (Admin. Officer) 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 "**Institutional Building Group - C** " (**Hospital Building**) comprised of Basement + Ground + 05 upper, with effect from15/07/2022 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 on15/7/2022 at New Delhi by

(Atul Garg)
Director

Delhi Fire Service

Copy to:-

The Medical Superintendent, M/s Escorts Heart Institute and Research Centre Limited located at Okhla Road, New Delhi-110025.

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 179-

1	Name and address of the building:	M/s Escorts Heart Institute and Research Centre Limited, located at Okhla Road, New Delhi-110025.
2	Type of occupancy with details of floors:	Institutional Building "Ground - C " Comprised of two interconnected blocks:- Old Block (Basement + Ground + 05 upper floors) New Block (Basement + Ground + 04 upper floors)
3	Type of case:	Renewal
4	Details of previous FSC:	F6/DFS/MS/Hospital/2019/SZ/2220 dated 26.11.2019
5	Fire safety directives no.:	NA
6	Date of inspection:	27.06.2022
7	Name of the inspecting officer:	S.K. Dua DO, (SD) & Rajesh Kumar Shukla, ADO (M.Road)
8	Name and designation of the officer from the building side:	Mrs. Sangeeta Dua (Admin. Officer)
9	Year of construction:	Old Block-1998 & New block -2002
10	Reference letter no.:	Email dated 16.06.2022

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 to fire engine	9.0 m, accessible	MR
	B Gate width	5 m	5 m	MR
	C Width of internal roads	NA	6.0m (3 side of each block)	MR(Old case)
2	Number, Width, Type & Arrangement of Exits			
	A No. Of Staircase:			
	a) Upper floor	Old Block- Basement to terrace -2 nos Basement to service floor -2 nos. New Block- Basement to terrace-2 nos.	Old Block- Basement to terrace-1 no. Ground floor to terrace-1 no. Basement to service floor -1 no. Basement to 1 st floor-01 no. Basement to 2 nd floor 01 no. New Block- Basement to terrace - 01 no. Ground floor to terrace- 01 no. Ground floor to 1 st floor -01 no.	MR (Old Case)
	b) Basements	Old block -04. New block -02.	Old block -04. New block -04.	MR (Old case)
	B Width of the Staircase:			
	a) Upper floors	Old Block- Basement to terrace -2m. Basement to service floor- 1.1m & 1m. New Block- Basement to terrace-2 m	Old Block- Basement to terrace- 1.9 m. Ground floor to terrace-1. 15m. Basement to service floor -1m. Basement to 1 st floor-1.1m. Basement to 2 nd floor-1m. New Block- Basement to terrace - 1.9m. Ground floor to terrace 1.9 m Ground floor to 1 st floor -1.15 m	MR (Old Case)
	b) Basements	Old block - 2m, 2m, 1.1 m. New block -2m & 2 m.	Old block -1.9 m, 1.2 m, 1m & 1m. New block -1.9m, 1.9 m, 1.5m & 1.15m.	MR (Old case)
	C Protection of Exits			
	a) Fire check door	Required	Provided	MR
	b) Pressurization	Natural Ventilation	Pressurization provided Old block- Basement to terrace- 1 no. & ground to terrace -1 no. New block - Basement to terrace -1 no. Ground floor to terrace -1 no. Natural ventilation of two staircases of old block provided	MR (Old case)
		Natural Ventilation		MR
	D No. of continuous staircase to terrace:	Required	Old block -02. New block -02.	MR(Old case)
	E Width of the corridor	Required	2.0 mtrs	MR(Old case)
	F Door size	Required	Provided	MR(Old case)

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3	Compartmentation: The segregation of lift lobby from floor at each level				
	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				
	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				
	A	Total no. at each floor	02 nos in each block	Provided	MR
	B	Length of Hose Reel	30 mtrs	Provided	MR
	C	Nozzle diameter	5 mm	Provided	MR
7	Automatic Fire Detection and Alarm System (ADAS)				
	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	Every floor	Provided	MR
8	MOEFA				
			Required	Provided	MR
9	Public Address System				
			Required	Provided	MR
10	Automatic Sprinkler System				
	A	Basement	Required in both blocks	Provided	MR
	B	Upper floor	Old block - NA	Old block - Provided	NA
			New block - Required	New block - Provided	MR
	C	Sprinklers above false ceiling	NA	NA	NA
11	Internal hydrants				
	A	Size of the riser down comer	Required	100 mm	MR
	B	No. of hydrants per floor	02 nos	Provided	MR
	C	Hose box	02 nos	Provided	MR
12	Yard Hydrants				
	A	Total no. of hydrants	Required	18 nos	MR
	B	Hose box	Required	18 nos	MR
13	Pumping arrangements				
	A Ground Level				
	a)	Discharge of main pump	Old Block-2850LPM New Block-2850LPM	Old Block-2850LPM New Block-2850LPM	MR
	b)	Head of main pump	Old Block-75m New Block-70 m	Old Block-80m each New Block-80 m each	MR
	c)	Number of main pump	Old Block-01 no. New Block-01 no.	Old Block-02 nos New Block-02 nos.	MR
	d)	Discharge of jockey pump	Old Block- Required New Block-225 LPM	Old Block-2X220LPM New Block-2X220LPM	MR (Old case)
	e)	Head of jockey pump	Old Block-75M New Block-70 m	Old Block-80 m each New Block-80 m each	MR
	f)	Discharge of Standby pump	Old Block-2840 LPM New Block-2850LPM	Old Block-NA New Block-2850 LPM	MR (Old case)
	g)	Head of Standby pump	Old Block-75 m New Block-70 m	Old Block-NA New Block-80 m	MR(Old case)
	h)	Auto starting/ manual stopping	Required	Provided	MR
	B Terrace Level				
	a)	Discharge of terrace pump	NA	New Block-900 LPM	NA
	b)	Head of terrace pump	NA	New Block-4 0 m	NA
	c)	Alternate power supply	NA	Provided	NA
	d)	Auto starting of pump	NA	Provided	NA

14 Captive Water Storage for Fire Fighting				
A	Underground tank capacity	Old Block-2,10,000 ltrs New Block-2,00,000 ltrs	Old Block-1,40,000 ltrs New Block-2,10,000 ltrs	MR Old Case)
B	Draw off connection	Required	Provided	MR
C	Fire Service Inlet	Required	Provided	MR
E	Access to tank	Required	Provided	MR
D	Overhead tank capacity	Old Block-NA New Block-25,000 ltrs	Old Block-NA New Block-25,000 ltrs	MR
15 Exit Signage		Required	Provided	MR
16 Provision of lift				
A	Pressurization of lift shaft	Old Block-NA New Block Required	Old Block-Provided New Block- Provided	NA MR
B	Pressurization of lift lobby	NA	NA	NA
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.

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/2019/SZ/2220 dated 26.11.2019 is recommended to be renewed under Rule 37 of the Delhi Fire Service Rules 2010.

Sri S. K. Dua
Signature of the Inspecting Officer
Name : Sri S. K. Dua
Designation DO (SD)

Rajesh Kumar Shukla
Signature of the Inspecting officer
Name Rajesh Kumar Shukla
Designation ADO (M.Road)

DeFO (S2)
Record on 12/7
12/7
Director
14/07/22
14/07/22

DU/SB Promoted.