

**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI  
HEADQUARTERS: DELHI FIRE SERVICE: CONNAUGHT PLACE  
NEW DELHI-110001**

No. F.6/DFS/MS/Hospital/2024/SZ/94

Dated: ...14/02/2024

**FIRE SAFETY CERTIFICATE**

Certified that the **Academic Block (Auditorium), Admin Block, Clinical Block** comprised of 02 tier basement, ground plus five upper floors & **Vivarium Block** comprised of 02 tier basement, ground plus three upper floors (Part of Phase-II), **Institute of Liver & Biliary Sciences Hospital** located at Plot No D-I, Vasant Kunj, New Delhi-110070 Owned/Occupied by Institute of Liver & Biliary Sciences was issued Fire Safety Certificate by this department vide letter No. F6/DFS/MS/Hospital/2021/SZ/114 dated 12-02-2021. The premises was re-inspected by officer concerned of this department on 08/02/2024 in the presence of Mr. Laxman and observed that the said premises have deemed complied with the fire prevention and fire safety requirements in accordance with rule 33 of Delhi Fire Service Rules, 2010 and that the building is fit for occupancy class **"Group-C" (Hospital)** with effect from 14/02/2024 for 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

Issued 14/02/2024 at New Delhi by

(Atul Garg)  
Director  
Delhi Fire Service

Copy to: -

1. The Authorized Signatory, Institute of Liver & Biliary Sciences Hospital, Plot No D-I, Vasant Kunj, New Delhi-110070

**Conditions for the validity of Fire Safety Certificate:**

1. All the means of escape/entry/exit shall be kept free from any obstruction.
2. All the fire safety arrangement provided therein shall be maintained in good working condition at all time as seen during inspection. Any loss of life property due to non-functional fire safety measures shall be at the responsibility of the management.
3. All the staff members must know the correct method of operation of fire fighting system.
4. The basement shall be used as per the provisions of UBBL-2016 /NBC Part- IV.
5. 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)
6. This fire safety certificate may not in any way be treated as regularization (Clause 2.8 of UBBL-2016) of unauthorized construction or Alteration (Clause 1.4.3 of UBBL-2016), if any.
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.

## INSPECTION REPORT

1	Name & Address of the Building	Academic Block (Auditorium), Admin Block, Clinical Block & Vivarium Block (Part of Phase-II), Institute of Liver & Biliary Sciences, Plot No. D-I, Vasant Kunj, New Delhi-110070		
2	Type of Occupancy	Institutional building, "Group-C" (Hospital)		
3	Building Comprised of	Academic (Audi), Admin, Clinical Block: 2B+G+05 Vivarium Block: 2B+G+03		
4	Type of Case	Renewal		
5	Details of Previous NOC	F6/DFS/MS/Hospital/2021/SZ/114 dated 12-02-2021		
6	Fire Safety Directives Letter No	F.6/DFS/MS/Hospital/2011/723 dated 21-04-2011		
7	Date of Inspection	08/02/2024		
8	Name of the Inspecting Officers	DO (South) & ADO (BCP)		
9	Name & Designation of Officers from the building side	Mr. Laxman		
10	Year of construction	2015		
11	Applicant letter No.	F2/81/ONM/ILBS/2015/Fire&Security/CID-9057 dated 21-10-2023		
S. No.	Minimum standards on Fire Prevention and Fire Safety U/R 33	Old NOC Requirements	Provided at Site	Remarks MR/NMR
1	<b>Access to Building.</b>			
	• Road width	9 mtr	Provided	MR
	• Gate width	6 mtr	Provided	MR
	• Width of internal road	6 mtr	Provided	MR
2	<b>Number, width, type &amp; arrangement of exits.</b>			
	<b>a) Number of Staircase</b>			
	➤ Upper floors.	A & A Bk-02 nos. C & V Bk- 08 nos.	Provided Provided	MR MR
	➤ Basement floor.	13 + 02 ramp	Provided	MR
	<b>b) Width of Staircase</b>			
	➤ Upper floors	A & A Bk-1.5m C & V Bk- 1.5/2m	1.5m each 2m x 6 & 1.5m x 2	MR MR
	➤ Basement floor	2m & 1.5m	2m x 6, 1.59m x 4, 1.5 x 1, 1.42 x 1, 1.18m x 1 + ramp 6.5m & 9.5m	MR
	<b>c) Protection of exits</b>			
	➤ Fire check door	Required	Provided	MR
	➤ Pressurization	Required	Provided	MR
	<b>d) No. of continuous staircase to terrace</b>	One each	Provided	MR
	<b>e) Width of corridor</b>	1.5m	Provided	MR
	<b>f) Door size</b>	Patient rooms- 1200 ±50 Rest of bldg- 1m	Provided	MR
3	<b>Compartmentation.</b>			
	• Fire check door.	Required	Provided	MR
	• Sealing of electrical shafts.	Required	Provided	MR
	• Fire rating of shaft door.	Required	Provided	MR
	• Water curtain	-NA-	-NA-	-NA-
	• Fire dampers.	Required	Provided	MR
4	<b>Smoke Management system.</b>			
	• Basement	30 ACPH	Mechanical Ventilation	MR
	• Upper floors	12 ACPH	Mechanical Ventilation	MR
5	<b>Fire Extinguishers.</b>			
	• Total numbers	Required	280 Nos	MR
	• Types	ABC/W.CO2	ABC, CO2 & W.CO2	MR
	• ISI Marking	ISI marked	Provided	MR
6	<b>First Aid Hose Reels.</b>			
	• Total numbers on each floor.	02 each block	Provided	MR

	<ul style="list-style-type: none"> <li>Length of hose-reel hose.</li> <li>Nozzle Diameter</li> </ul>	30m	Provided	MR
7	Automatic fire detection & alarming system.	5mm	Provided	MR
	<ul style="list-style-type: none"> <li>Type of detectors</li> <li>Location of Main Panel</li> <li>Location of Repeater Panel</li> <li>Alternate source of power</li> <li>Hooter's location</li> </ul>	Required	Heat & Smoke	MR
		Required	Upper basement	MR
		Required	Ground floor	MR
		Required	Battery backup	MR
8	MOEFA	Required	Staircase & corridor	MR
9	Public Address System	Required	Provided	MR
10	Automatic Sprinkler System	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Basement</li> <li>Upper floors.</li> <li>Sprinkler above false ceiling</li> </ul>	Required	Provided	MR
		Required	Provided	MR
11	Internal Hydrants.	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Size of Riser/Down-comer</li> <li>Number of Hydrant per floor</li> </ul>	150 mm	150 mm	MR
		Vivarium-02	Provided	MR
		Basement-18	Provided	MR
	<ul style="list-style-type: none"> <li>Hose box.</li> </ul>	Vivarium-02	Provided	MR
		Basement-18	Provided	MR
12	Yard Hydrants.			
	<ul style="list-style-type: none"> <li>Total number of hydrants.</li> <li>Hose box.</li> </ul>	27 Nos	Provided	MR
		27 Nos	Provided	MR
13	Pumping arrangements.			
	<ul style="list-style-type: none"> <li>Ground Level</li> </ul>			
	<ul style="list-style-type: none"> <li>Discharge of main pump.</li> <li>Head of main pump.</li> <li>Number of main pumps.</li> <li>Jockey Pump output.</li> <li>Jockey Pump head.</li> <li>Standby Pump output.</li> <li>Standby Pump head.</li> <li>Auto Starting/Manual Stopping</li> <li>Pump house access.</li> </ul>	2850 LPM	2850 LPM	MR
		95m	95m	MR
		Two	Two	MR
		180 LPM x 2	180 LPM x 2	MR
		95m	95m	MR
		2850 LPM	2850 LPM	MR
		95m	95m	MR
		Required	Provided	MR
		Required	Provided	MR
	<ul style="list-style-type: none"> <li>Terrace Level</li> </ul>			
	<ul style="list-style-type: none"> <li>Discharge of pump.</li> <li>Head of pump.</li> <li>Power supply.</li> <li>Auto starting of pump.</li> </ul>	900 LPM	900 LPM	MR
		40m	40m	MR
		Required	Provided	MR
		Required	Provided	MR
14	Captive water storage for fire fighting.			
	<ul style="list-style-type: none"> <li>Underground tank capacity.</li> <li>Draw-off connection.</li> <li>Fire Service Inlet.</li> <li>Access to tank.</li> <li>Overhead tank capacity.</li> </ul>	2,50,000 Ltr	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		25,000 Ltr	Provided	MR
		Required	Provided	MR
15	Exit Signage.			
16	Provision of Lifts.			
	<ul style="list-style-type: none"> <li>Pressurization of lift shaft.</li> <li>Pressurization of lift lobby.</li> <li>Communication in lift car.</li> <li>Fireman's switch.</li> <li>Lift signage.</li> </ul>	Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
17	Standby Power Supply	Required	Provided (DG Set)	MR
18	Refuge Area			
	<ul style="list-style-type: none"> <li>Total area</li> <li>Location</li> </ul>	-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
19.	Fire Control Room.			
	<ul style="list-style-type: none"> <li>Detector system panel.</li> </ul>	Required	Provided	MR

- Flow switch panel.
- PA system panel.
- Battery backup.
- Building floor plan.

Required	Provided	
Required	Provided	MR
Required	Provided	MR
Required	Provided	MR
Required	Provided	MR
Required	1. Automatic Suppression System 2. Emulsification system provided for HT Transformer	MR

20. Special Fire Protection System for the Protection of special Risk, if any.

The Fire protection systems provided in the building were checked/ tested at random and found functional at the time of inspection.

Keeping in view the deemed compliance of the minimum standards on fire prevention and fire safety measures as required under the rules, the Fire Safety Certificate issued vide letter No. F6/DFS/MS/Hospital/2021/SZ/114 dated 12-02-2021, renewal under rule 37 of the Delhi Fire Service Rules, 2010 is recommended.

Accordingly DFA is put up for approval and signature please.

Signature of the Inspection Officer  
Name: Sh. Manoj Kumar Sharma  
Design: DO (South)

Signature of the Inspecting Officer  
Name: Sh. Rajesh Kumar  
Design: ADO (BCP)

CFO (HQ)

Director 12/2/2024

Approved

As approved, F-1 letter is put up for your signature pl

Director

14/2/24

NSH