

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

No.F.6/DFS/MS/Hospital/2024/SZ/103

Dated: 19/02/2024

**FIRE SAFETY CERTIFICATE**

Certified that the **Institute of Liver & Biliary Science (ILBS)** located at **Phase- 1, D-1, Vasant Kunj, New Delhi 110070** comprised of Two tier basement, ground plus four upper floors was issued Fire Safety Certificate by this department vide letter No. F6/DFS/MS/Hospital/2021/SZ/200 dated 31-03-2021. The Hospital was re-inspected by officers 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 Institutional (Hospital)** as above with effect from 19/02/2024 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 19/02/2024 at New Delhi by

  
**(ATUL GARG)**  
**DIRECTOR**  
**DELHI FIRE SERVICE**

Copy to: -

1. Institute of Liver & Biliary Sciences Hospital, Plot No D-I, Vasant Kunj, New Delhi-110070
2. The Executive Engg. (Bldg) MCD, Green Park Zone, Aurobindo Marg, New Delhi-110016

**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	Institute of Liver & Biliary Sciences, at Phase- 1, D-I, Vasant Kunj, New Delhi-110070		
2	Type of Occupancy	Institutional building, "Group-C" (Hospital)		
3	Building Comprised of	Two Tier Basement, Ground & Four Upper Floors		
4	Type of Case	Renewal		
5	Details of Previous NOC	F6/DFS/MS/Hospital/2021/SZ/200 dated 31-03-2021		
6	Fire Safety Directives Letter No	F.6/DFS/MS/Hospital/2001/2470 dated 07-11-2001 (Basement, Ground & Three Upper Floors) F6/DFS/MS/BP/Hospital/2003/236 dated 30/01/2003 dated 30/01/2003 (Two Tier Basement, Ground & Three Upper Floors)		
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	2003 & 2009		
11	Applicant letter No.	F2/81/ONM/ILBS/2015/Fire&Security/CID-9057/422+423 dated 05-02-2024		
S. No.	Minimum standards on Fire Prevention and Fire Safety U/R 33	Old NOC Requirements	Provided at Site	Remarks MR/NMR
1	Access to Building.			
	• Road width	Accessible	9 mtr	MR
	• Gate width	About on road	4.5 mtr	MR
	• Width of internal road	Required	Provided on two sides only	MR
2	Number, width, type & arrangement of exits.			
	a) Number of Staircase			
	➤ Upper floors.	07 Nos	Provided	MR
	➤ Basement floor.	11 Nos	Provided	MR
	b) Width of Staircase			
	➤ Upper floors	2 m	05 Nos of 2 m, 1.18 m & 1.23 m	MR MR
	➤ Basement floor	2 m	05 Nos of 2 m, 3 nos of 1.2 m, 1.15 m, 1.18 m, & 1.23 m	MR old case
	c) Protection of exits			
	➤ Fire check door	Required	Provided	MR
	➤ Pressurization	Natural ventilation	Provided	MR
	d) No. of continuous staircase to terrace	Required	06 Nos	MR
	e) Width of corridor	Required	2.4 m	MR
	f) Door size	Required	1.08 m	MR
3	Compartmentation.			
	• 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	Smoke Management system.			
	• Basement	30 ACPH	Mechanical Ventilation	MR
	• Upper floors	12 ACPH	Only exhaust is provided	MR (old case)
5	Fire Extinguishers.			
	• Total numbers	Required	270 Nos	MR
	• Types	ABC/W.CO2	ABC, CO2 & W.CO2	MR
	• ISI Marking	ISI marked	Provided	MR
6	First Aid Hose Reels.			
	• Total numbers on each floor.	06 each block	Provided	MR
	• Length of hose-reel hose.	30m	Provided	MR


	• Nozzle Diameter	5mm	Provided	MR
7	<b>Automatic fire detection &amp; alarming system.</b>			
	• Type of detectors	Required	Heat & Smoke	MR
	• Location of Main Panel	Required	Ground floor	MR
	• Location of Repeater Panel	NA	NA	NA
	• Alternate source of power	Required	Provided	MR
	• Hooter's location	Required	All area	MR
8	<b>MOEFA</b>	Required	Provided	MR
9	<b>Public Address System</b>	Required	Provided	MR
10	<b>Automatic Sprinkler System</b>			
	• Basement	Required	Provided	MR
	• Upper floors.	Required	Provided	MR
	• Sprinkler above false ceiling	Required	Provided	MR
11	<b>Internal Hydrants.</b>			
	• Size of Riser/Down-comer	100 mm	100 mm	MR
	• Number of Hydrant per floor	Required	06 Provided	MR
	• Hose box.	Required	06 Provided	MR
12	<b>Yard Hydrants.</b>			
	• Total number of hydrants.	NA	14 Nos	NA
	• Hose box.	NA	14 Nos	NA
13	<b>Pumping arrangements.</b>			
	• <b>Ground Level</b>			
	➤ Discharge of main pump.	2850 LPM	2850 LPM	MR
	➤ Head of main pump.	100m	100m	MR
	➤ Number of main pumps.	Two	Two	MR
	➤ Jockey Pump output.	180 LPM x 2	180 LPM x 2	MR
	➤ Jockey Pump head.	100m	100m	MR
	➤ Standby Pump output.	2850 LPM	2850 LPM	MR
	➤ Standby Pump head.	100m	100m	MR
	➤ Auto Starting/Manual Stopping.	Required	Provided	MR
	➤ Pump house access.	Required	Provided	MR
	• <b>Terrace Level</b>			
	➤ Discharge of pump.	900 LPM	2 x 900 LPM	MR
	➤ Head of pump.	60m	60m each	MR
	➤ Power supply.	Required	Provided	MR
	➤ Auto starting of pump.	Required	Provided	MR
14	<b>Captive water storage for fire fighting.</b>			
	• Underground tank capacity.	2,00,000 Ltr	Provided	MR
	➤ Draw-off connection.	Required	Provided	MR
	➤ Fire Service Inlet.	Required	Provided	MR
	➤ Access to tank.	Required	Provided	MR
	• Overhead tank capacity.	30,000 Ltr	Provided	MR
15	<b>Exit Signage.</b>	Required	Provided	MR
16	<b>Provision of Lifts.</b>			
	• Pressurization of lift shaft.	Required	Provided	MR
	• Pressurization of lift lobby.	-NA-	-NA-	-NA-
	• Communication in lift car.	NA	Provided	MR
	• Fireman's switch.	Required	Provided	MR
	• Lift signage.	NA	Provided	NA
17	<b>Standby Power Supply</b>	Required	Provided (DG Set)	MR
18	<b>Refuge Area</b>			
	• Total area	-NA-	-NA-	-NA-
	• Location	-NA-	-NA-	-NA-
19.	<b>Fire Control Room.</b>			
	• Detector system panel.	Required	Provided	MR
	• Flow switch panel.	Required	Provided	MR
	• PA system panel.	Required	Provided	MR

	• Battery backup.	Required	Provided	MR
	• Building floor plan.	Required	Provided	MR
20.	Special Fire Protection System for the Protection of special Risk, if any.	Required	Co2 Flooding system is provided in LT Panels	MR


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/200 dated 31-03-2021, 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. M. K Sharma  
Design: DO (South)



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

CFO (HQ)

*13/2/2024*  
*Director*  
*14/2/24*  
*ADY PIP*

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

*Director*  
*16/2/24*

*1/4*  
*16/2/24*

*mu*