

**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI**  
**HEADQUARTERS: DELHI FIRE SERVICE: NEW DELHI - 110 001**

No. F.6/DFS/MS/Hospital/SZ/2018/

Dated:

1464

22/06/18

**FIRE SAFETY CERTIFICATE**

Certified that the **Institute of Liver & Biliary Science, Phase-I, D-1, Vasant Kunj, New Delhi-110070**, comprised of Two Tier Basement, Ground & Four Upper Floors has already been issued FSC by this department vide letter no. F6/DFS/MS/Hospital/2015/SZ/1045 dated 19/06/2015. The Hospital was re-inspected by the officer concerned of this department on 18/06/2018 in the presence of Mr. Amit Gautam (Fire Officer) & found to have deemed complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and that the building is fit for occupancy **Group C "Institutional (Hospital)"** with effect ~~22/06/2018~~ 22/06/2018 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 compliance of the conditions under rule-38 of the Delhi Fire Service Rules, 2010.

Issued on.. 22/06/18 at New Delhi by.

*bentel*  
(Vipin Kental)  
Chief Fire Officer  
Ph:-011-23412235

Copy to:-

1. Lt. Col. R. S. Singh, Institute of Liver & Biliary Science, Phase-I, D-1, Vasant Kunj, New Delhi-110070
2. Executive Engg. (Bldg.), SDMC, Jal Vihar, Lajpat Nagar, New Delhi-110024

**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 arrangements provided therein shall be maintained in good working condition at all time as seen during inspection. Any loss of life or 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 firefighting system.
4. 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 [http://delhi.gov.in/wps/wcm/connect/doit\\_fire/FIRE/Home/Forms](http://delhi.gov.in/wps/wcm/connect/doit_fire/FIRE/Home/Forms)
5. 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.
6. "The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director in **Form 'J'** [sub rule (1) of rule 37] along with a copy of this Certificate, **six months** prior to its expiry."

**INSPECTION REPORT**

1. Name & address of the building : Institute of Liver & Biliary Science, Phase-I, D-1, Vasant Kunj, New Delhi-110070
2. Type of Occupancy : Institutional "Group-C"
3. Type of Case : Renewal [Two Tier Basement, Ground & Four Upper Floors (N/5)]
4. Details of Previous NOC : F6/DFS/MS/Hospital/2015/SZ/1045 dated 19/06/2015
5. Fire Safety directives letter No :  
F6/DFS/MS/BP/Hospital/2001/2470 dated 07/11/2001 (Basement, Ground & Three Upper Floors)  
F6/DFS/MS/BP/Hospital/2003/236 dated 30/01/2003 ( Two Tier Basement, Ground & Three Upper Floors)
6. Date of inspection : 18/06/2018
7. Name of Inspecting Officer : A. K. Malik
8. Name and designation of officer from the building side : Mr. Amit Gautam (Fire Officer)
9. Year of Construction : 2003 & 2009
10. Applicant's letter No. : Outdoor diary no. 8636 dated 11/06/2018

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	Requirement under Rule 35(6)	Provided at site	Remarks MR/NMR
<b>1.</b>	<b>Access to building</b>			
	<ul style="list-style-type: none"> <li>• Road width</li> <li>• Gate width</li> <li>• Width of internal road</li> </ul>	Accessible Abut on road Required	9m 4.5m Provided on two sides only	MR MR MR (old case)
<b>2.</b>	<b>Number, Width, Type &amp; Arrangement of Exits</b>			
	a. Number of staircases			
	<ul style="list-style-type: none"> <li>• Upper Floors</li> <li>• Basements</li> </ul>	7 Nos 11 Nos	Provided Provided	MR MR
	b. Width of staircases			
	<ul style="list-style-type: none"> <li>• Upper Floors</li> </ul>	2m	5 Nos of 2m, 1.18m & 1.23m	MR (old case)
	<ul style="list-style-type: none"> <li>• Basements</li> </ul>	2m	5 Nos of 2m, 3 Nos of 1.2m, 1.15m, 1.18m, & 1.23m	MR (old case)
	c. Protection of exits			
	<ul style="list-style-type: none"> <li>• Fire check door</li> <li>• Pressurization</li> </ul>	Required Natural Ventilation	Provided Provided	MR MR
	d. No. of continuous staircases to terrace	Required	6 Nos	MR
	e. Width of Corridor	Required	2.4m	MR
	f. Door Size	Required	1.08m	MR (old case)
<b>3.</b>	<b>Compartmentation</b>			
	<ul style="list-style-type: none"> <li>• Fire check door</li> <li>• Sealing of electrical shafts</li> <li>• Fire Rating of shaft door</li> <li>• Water Curtain</li> <li>• Fire Dampers</li> </ul>	Required Required Required -NA- Required	As per completion plan Provided Provided -NA- Provided	MR MR MR -NA- MR
<b>4.</b>	<b>Smoke Management System</b>			
	<ul style="list-style-type: none"> <li>• Basements</li> <li>• Upper floors</li> </ul>	30 ACPH 12 ACPH	M. V. Provided Only Exhaust is provided	MR MR (old case)
<b>5.</b>	<b>Fire Extinguishers</b>			
	<ul style="list-style-type: none"> <li>• Total numbers</li> <li>• Types</li> <li>• IS marking</li> </ul>	Portable Fire Extinguishers	270 Nos ABC/W. CO <sub>2</sub> /CO <sub>2</sub> - 120/120/30 Nos Yes	MR MR MR
<b>6.</b>	<b>First-Aid Hose Reels</b>			
	<ul style="list-style-type: none"> <li>• Total numbers on each floor</li> <li>• Length of hose reel hose</li> </ul>	Hose Reels	6 Nos 30m	MR MR MR

	<ul style="list-style-type: none"> <li>Location of Main Panel</li> <li>Location of Repeater Panel</li> <li>Alternate source of power</li> <li>Hooters' Location</li> </ul>	Required	Ground Floor	MR
		-NA-	-NA-	-NA-
		Required	Provided	MR
		Required	All Area	MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	<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
		Required	Provided	MR
11.	Internal Hydrants			
	<ul style="list-style-type: none"> <li>Size of riser/down-comer</li> <li>Number of hydrants per floor</li> <li>Hose Box</li> </ul>	Required	100mm	MR
		Required	6 Nos	MR
		Required	6 Nos	MR
12.	Yard Hydrants			
	<ul style="list-style-type: none"> <li>Total number of hydrants</li> <li>Hose Box</li> </ul>	-NA-	14 Nos	-NA-
		-NA-	14 Nos	-NA-
13.	Pumping Arrangements			
	<ul style="list-style-type: none"> <li>Ground Level                             <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 out put</li> <li>Jockey pump head</li> <li>Standby Pump out put</li> <li>Standby Pump Head</li> <li>Auto Starting/Manual Stopping</li> <li>Pump House Access</li> </ul> </li> <li>Terrace level                             <ul style="list-style-type: none"> <li>Discharge of pump</li> <li>Head of the pump</li> <li>Power Supply</li> <li>Auto Starting of pump</li> </ul> </li> </ul>	Main pump	2850 LPM	MR
		Required	100m	MR
		Two	Provided	MR
		Two Required	2 x 180 LPM	MR
		Required	100m	MR
		Required	2850 LPM	MR
		Required	100m	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	2 x 900 LPM	MR
		Required	60m (each)	MR
		Required	Provided	MR
		Required	Provided	MR
14.	Captive Water Storage for fire fighting			
	<ul style="list-style-type: none"> <li>Underground tank capacity                             <ul style="list-style-type: none"> <li>Draw-off connection</li> <li>Fire service inlet</li> <li>Access to tank</li> </ul> </li> <li>Overhead Tank capacity</li> </ul>	2,00,000 Lts	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		30,000 Lts	80,000 Lts	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 Grounding Switch</li> <li>Lift Signage</li> </ul>	Required	Provided	MR
		-NA-	-NA-	-NA-
		-NA-	Provided	-NA-
		Required	Provided	MR
		-NA-	Provided	-NA-
17.	Standby power supply	Required	Provided	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

	<ul style="list-style-type: none"> <li>Batter backup</li> <li>Building Floor Plans</li> </ul>	Required	Provided	MR
		Required	Provided	MR
20.	<b>Special Fire Protection System for Protection of special Risks, if any:</b>	Required	CO <sub>2</sub> flooding system is provided in LT Panels	MR

The case is examined by undersigned under the provision of Rule 35(6) [May please see C/62, N/10 & N/11] and the anomalies generated in the previous FSC inspection notes due to creation of additional requirements other than requirements under Rule 35(6) of DFS Rules-2010 are now corrected/rectified and put up as above.

In the view of substantial compliance of the fire prevention & fire safety measures required under the rules, FSC under rule 37(2) is recommended.

Form "H" in shape of DFA may be approved under Rule 37(3).

*A. K. Malik*  
20/6/18

Signature of Inspecting Officer  
Name: A. K. Malik  
Designation: Divisional Officer

DY. CFO (SZ)



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2/6

*CFO*

*F.T. for M. scell 21/6*

F.T letter is put up for signature please

*CFO*

*21/6/18*