



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

No. F.6/DFS/MS/Hospital/SZ/2023/ 521

Dated: 07/11/2023

**FIRE SAFETY CERTIFICATE**

Certified that the Expansion of Existing Building of National Referral & Research Institute for Higher Dental Studies, AIIMS, Ansari Nagar, New Delhi-110029, comprised of Two Basements, Ground plus Seven upper floors (Interconnected with old building), owned/occupied by All India Institute of Medical Sciences, have complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and verified by the officers concerned of this department on 28/10/2023 in the presence of Mr. Sanju Shukla (Director) KIC and that the said building is fit for occupancy Class "Group C Institutional" (Hospital) as above with effect from 07/11/2023 for a period of three years in accordance with rule 36 unless renewal under rule 37 or sooner cancelled under rule 40 and subject to compliance of the conditions under rule 38 of the DFS Rules, 2010.

Issued on 07/11/2023 at New Delhi by

(ATUL GARG)  
DIRECTOR  
DELHI FIRE SERVICE

Copy to: -

1. The Chief Architect, Department of Architecture & Environment, NDMC, Palika Kendra, New Delhi-110001
2. The Security Officer, Administrative Block, All India Institute of Medical Sciences, New Delhi-110029

**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 conditions 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. The basement shall be used strictly in accordance with Building Bye-Laws.
4. All the staff members must know the correct method of operation of fire fighting system.
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 (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	Expansion of Existing Building of National Referral & Research Institute for Higher Dental Studies, AIIMS, Ansari Nagar, New Delhi-29		
2	Type of Occupancy	Institutional Building (Group-C)		
3	Building Comprised of	Two Basements, Ground & Seven Upper Floors Old & New Buildings are Interconnected.		
4	Type of Case	Addition/ Alteration		
5	Details of Previous NOC	Nil		
6	Fire Safety Directives Letter No	F.6/DFS/MS/BP/2020/109 dated 18/03/2020		
7	Date of Inspection	28/10/2023		
8	Name of the Inspecting Officers	Manoj Kumar Sharma, DO (SD) & Santosh Kumar, ADO (SJ)		
9	Name & Designation of Officers from the building side	Mr. Sanju Shukla (Director) KIC		
10	Year of construction	2023		
11	Applicant letter No.	NDMC/BP/0039/18-19/OCC dated 17-10-2023		
S. No.	Minimum standards on Fire Prevention and Fire Safety U/R 33	NBC / UBBL Requirement	Provided at Site	Remarks MR/NMR
1	<b>Access to Building.</b>			
	• Road width	9m	Provided	MR
	• Gate width	6m	Provided	MR
	• Width of internal road	6m	Provided	MR
2	<b>Number, width, type and arrangements of exits.</b>			
	<b>a. Number of Staircase</b>			
	➤ Upper floors	1 Nos	1 Nos	MR
	➤ Basement floor	6 + 2 ramp	6 + 2 ramp	MR
	<b>b. Width of Staircase</b>			
	➤ Upper floors	2.2m	2.2m,	MR
	➤ Basement floor	2m (each) & ramp (existing)	2.m (each) & ramp 6m	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>	Required	Provided	MR
	<b>e. Width of corridor</b>	2.4m	Provided	MR
	<b>f. Door size</b>	2m/1.2m	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	Provided	MR
	• Upper floors	12 ACPH	Provided	MR
5.	<b>Fire Extinguishers.</b>			
	• Total numbers	ISI marked	60 Nos	MR
	• Types		ABC & CO <sub>2</sub>	MR
	• ISI Marking		Provided	MR
6.	<b>First Aid Hose Reels.</b>			
	• Total numbers on each floor.	Required	1 each floor	MR
	• Length of hose-reel hose.	30m	30m	MR
	• Nozzle Diameter	5mm	5mm	MR



7	<b>Automatic Fire Detection and Alarming system.</b>			
	• Type of detectors	Heat & Smoke	Provided	MR
	• Location of Main Panel	Ground Floor	Provided	MR
	• Location of Repeater Panel	NA	NA	NA
	• Alternate source of power	Required	Provided	MR
	• Hooter's location	All Areas	Provided	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	NA	NA	NA
11.	<b>Internal Hydrants.</b>			
	• Size of Riser / Down-comer	150 mm	Provided	MR
	• Number of Hydrant per floor	One	Provided	MR
	• Hose box.	One	Provided	MR
12.	<b>Yard Hydrants.</b>			
	• Total number of hydrants	Required	05 Nos	MR
	• Hose box.	Required	05 Nos	MR
13.	<b>Pumping arrangements. Common pump house for entire building</b>			
	<b>• Ground Level</b>			
	➤ Discharge of main pump.	2850 LPM	2850 LPM	MR
	➤ Head of main pump.	60m	70m	MR
	➤ Number of main pumps.	Two	Two	MR
	➤ Jockey Pump output.	180 LPM	180 LPM	MR
	➤ Jockey Pump head.	60m	70m	MR
	➤ Standby Pump output.	2850 LPM	2850 LPM	MR
	➤ Standby Pump head.	60m	70m	MR
	➤ Auto Starting/Manual Stopping.	Required	Provided	MR
	➤ Pump House Access	Required	Provided	MR
	<b>• Terrace Level</b>			
	➤ Discharge of pump.	NA	NA	NA
	➤ Head of pump.	NA	NA	NA
	➤ Power supply.	NA	NA	NA
	➤ Auto starting of pump.	NA	NA	NA
14.	<b>Captive water storage for Fire Fighting. Common water storage for entire building</b>			
	• Underground tank capacity.	2,00,000 Ltrs.	Provided	MR
	➤ Draw-off connection.	Required	Provided	MR
	➤ Fire Service Inlet.	Required	Provided	MR
	➤ Access to tank.	Required	Provided	MR
	• Overhead tank capacity.	20,000 Ltrs.	20,000 Ltrs	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.	Required	Provided	MR
	• Communication in lift car.	Required	Provided	MR
	• Fireman's switch.	Required	Provided	MR
	• Lift signage.	Required	Provided	MR
17	<b>Standby Power Supply</b>	Required	Provided	MR
18.	<b>Refuge Area</b>			
	• Total area	Required	170 Sq. meter	MR
	• Location	6 <sup>th</sup> Floor	Provided	MR



19.	Fire Control Room.	Common FCR for entire building		
		Required	Provided	MR
	<ul style="list-style-type: none"> <li>• Detector system panel.</li> <li>• Flow switch panel.</li> <li>• PA system panel.</li> <li>• Battery backup</li> <li>• Building floor plan</li> </ul>	Required	Provided	MR
		NA	NA	NA
		Required	Provided	MR
		Required	Provided	MR
		NA	NA	NA
20.	Special Fire Protection System for the Protection of special Risk, if any.	CO <sub>2</sub> flooding provided for LT, HT & Electrical Panel		MR

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

Keeping in view of the substantial compliance of the minimum standards of fire prevention and fire safety measures as required under the rules, issue of Fire Safety Certificate under rule 35 of the Delhi Fire Service Rules 2010 is recommended.

Accordingly DFA is put up for approval and signature please.

*msl*

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

*Sharma*  
*03.11.23*

Signature of the Inspecting Officer  
Name: Santosh Kumar  
Designation: ADO (S.J.)

CFO/HO

*Mugh*  
*6/11/2023*

Director

*[Signature]*  
*6/11/23*

*ADY/SJ*

Sir,

F.T Letter is print for your signature PL

Director

*[Signature]*  
*7/11/23*

*ms*

*Sharma*  
*07/11/23*