

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

No. F.6/MS/DFS/Business/2024/SZ/253

Dated: 24/04/2024

**FIRE SAFETY CERTIFICATE**

Certified that the **Engineering Block-B (Index No 99 B) Mini academic Complex**, located at IIT Delhi Campus Hauz Khas, New Delhi 110016 comprised of Ground floor (FCR laboratories) 1<sup>st</sup> to 5<sup>th</sup> floor (Faculty rooms and laboratories) & 6<sup>th</sup> floor (Faculty rooms) owned/occupied by Indian Institute of Technology Delhi 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 10/04/2024 on in the presence of Mr. Om Parkash and that the premise is fit for occupancy class (**Business occupancy**) with effect from 24/04/2024 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 24/04/2024 at New Delhi by

(ATUL GARG)  
DIRECTOR  
DELHI FIRE SERVICE

Copy to: -

1. The Executive Engineer (Bldg) HQ-II, MCD, 8<sup>th</sup> Floor, Civic Centre, Minto Road, New Delhi 110002.

**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 fire fighting 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 [www.dfs.delhigovt.nic.in](http://www.dfs.delhigovt.nic.in)
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	Engineering Block-B (Index No 99 B) Mini academic Complex, at IIT Delhi Campus Hauz Khas, New Delhi		
2	Type of Occupancy	"Business Occupancy"		
3	Building Comprised of	Ground floor (FCR laboratories) 1 <sup>st</sup> to 5 <sup>th</sup> floor (Faculty rooms and laboratories) & 6 <sup>th</sup> floor (Faculty rooms)		
4	Type of Case	New case		
5	Details of Previous NOC	Nil		
6	Fire Safety Directives Letter No	F.6/DFS/MS/BP/2014/210 dated 28/07/2014		
7	Date of Inspection	10-04-2024		
8	Name of the Inspecting Officers	DO (South) & ADO (BCP)		
9	Name & Designation of Officers from the building side	Mr. Omparkash		
10	Year of construction	2024		
11	Applicant letter No.	Outdoor diary no 12213 dated 24.01.2024		
S. No.	Minimum standards on Fire Prevention and Fire Safety U/R 33	UBBL / NBC Requirements	Provided at Site	Remarks MR/NMR
1	<b>Access to Building.</b>			
	• Road width	09 mtr	Provided	MR
	• Gate width	06 mtr	Provided	MR
	• Width of internal road	06 mtr	Provided	MR
2	<b>Number, width, type &amp; arrangement of exits.</b>			
	<b>a) Number of Staircase</b>			
	➤ Upper floors.	07 No	Provided	MR
	➤ Basement floor.	-NA-	-NA-	-NA-
	<b>b) Width of Staircase</b>			
	➤ Upper floors	2 mtr each	Provided	MR
	➤ Basement floor	-NA-	-NA-	-NA-
	<b>c) Protection of exits</b>			
	➤ Fire check door	-NA-	-NA-	-NA-
	➤ Pressurization	-NA-	-NA-	-NA-
	<b>d) No. of continuous staircase to terrace</b>	Required	Provided	MR
	<b>e) Width of corridor</b>	1.50 mtr	Provided	MR
	<b>f) Door size</b>	1.50 mtr	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.	-NA-	-NA-	-NA-
4	<b>Smoke Management system.</b>			
	• Basement	12 ACPH	-NA-	-NA-
	• Upper floors	12 ACPH	Exhaust fan provided	MR
5	<b>Fire Extinguishers.</b>			
	• Total numbers	ISI marked	07 Nos each floor	MR
	• Types		ABC, CO2 & W.CO2	MR
	• ISI Marking		Provided	MR
6	<b>First Aid Hose Reels.</b>			
	• Total numbers on each floor.	Hose-reels	02 Nos each floor	MR
	• Length of hose-reel hose.		30m	MR
	• Nozzle Diameter		5mm	MR
7	<b>Automatic fire detection &amp; alarming system.</b>			
	• Type of detectors	Smoke / Heat	Provided	MR

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	<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>Hooter's location</li> </ul>	Required	Provided	MR
		-NA-	-NA-	-NA-
		Required	Provided	MR
		Required	Provided	MR
8	<b>MOEFA</b>			MR
9	<b>Public Address System</b>	Required	Provided	MR
10	<b>Automatic Sprinkler System</b>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Basement</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Upper floors</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Sprinkler above false ceiling</li> </ul>	-NA-	-NA-	-NA-
11	<b>Internal Hydrants.</b>			
	<ul style="list-style-type: none"> <li>Size of Riser/Down-comer</li> </ul>	150 mm	Provided	MR
	<ul style="list-style-type: none"> <li>Number of Hydrant per floor</li> </ul>	07 No	Provided	MR
	<ul style="list-style-type: none"> <li>Hose box.</li> </ul>	07 No	Provided	MR
12	<b>Yard Hydrants.</b>			
	<ul style="list-style-type: none"> <li>Total number of hydrants.</li> </ul>	10 No	Provided	MR
	<ul style="list-style-type: none"> <li>Hose box.</li> </ul>	10 No	Provided	MR
13	<b>Pumping arrangements.</b>			
	<ul style="list-style-type: none"> <li><b>Ground Level</b> <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> </li> </ul>	2280 LPM & 2850 LPM	Provided	MR
		88m	Provided	MR
		02	Provided	MR
		180 LPM	Provided	MR
		88m	Provided	MR
		2850 LPM	Provided	MR
		88m	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
	<ul style="list-style-type: none"> <li><b>Terrace Level</b> <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> </li> </ul>	-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
14	<b>Captive water storage for fire fighting.</b>			
	<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 ltr	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		20,000 Ltr	Provided	MR
15	<b>Exit Signage.</b>	Required	Provided	MR
16	<b>Provision of Lifts.</b>			
	<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	<b>Standby Power Supply</b>	Required	Provided	MR
18	<b>Refuge Area</b>			
	<ul style="list-style-type: none"> <li>Total area</li> </ul>	Required	6 <sup>th</sup> floor	MR

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• Location	Above 24 mtr	720 sqft	MR
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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	<b>Special Fire Protection System for the Protection of special Risk, if any.</b>	Required	Provided	MR	

The fire protection system provided in the premises were checked, tested at random and found functional at the time of inspection.

Keeping in view of the substantially satisfactory compliance of the minimum standards on fire prevention and fire safety measures as required under the rules, it is recommended to issue Fire Safety Certificate under rule 35 (3) of the Delhi Fire Service Rules, 2010

Accordingly, DFA is put up for approval and signature please.

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

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

CFO (HQ)

*18/4/2024*

*Director*

*ADO/BCP*

*HIPS*

*As approved, F.T. letter is put up for your signature PI*

*1/14  
24/4/2024*

*Director*  
*mu*