

## GOVERNMENT OF NATIONAL CAPITAL TERRITOTY OF DELHI HEADQUARTERS: DELHI FIRE SERVICE: NEW DELHI- 110001

No. F.6/DFS/MS/Hostel/2024/SZ/ LOS

Dated: 03/10/2024

## FIRE SAFETY CERTIFICATE

Certified that the Boys Hostel-E, Indian Institute of Technology located at Hauz Khas, New Delhi 110016 comprised of Ground plus Seven Upper floor owner/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 officer concerned of Delhi Fire Service on 17/09/2024 in the presence of Mr. Jay Shankar JE (Bldg) MCD & Mr. Sunil Kumar Chander AE (Bldg) MCD and that the premise is fit for occupancy class "Residential, Group-A" with effect from  $\frac{03}{10}$ /2024 for a period of Five 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, Issued on 03 10 2024 at New Delhi by 2010.

1. The Executive Engineer (Bldg) HQ-1, MCD, 8th Floor, Dr. SPM Civil Centre, E-Copy to: -Wing, JLN Marg, Delhi 110002. (Ref. Online ID 10099873 dated 13.09.2024)

## 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 nonfunctional fire safety measures shall be at the responsibility of the management.

3. The basement shall be used as per the provisions of UBBL /NBC Part- IV.

4. All the staff members must know the correct method of operation of fire fighting

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

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."

Hrlo



	INSPECTION REPORT					
1	Name & Address of the Building	Boys Hostel-E, Indian Institute of Technology, Hauz Khas, New Delhi 110016  Residential, "Group-A"  Ground Floor (Common Activity Hall + Court Yard + Music Hall + Dining Hall) First Floor (Hostel Room + Dining Hall) Second + Seven Upper Floors				
2	Type of Occupancy					
3	Building Comprised of					
4	Type of Case	New Case				
5	Details of Previous NOC	Nil	21377			
6	Fire Safety Directives Letter No	F.6/DFS/MS/BP/2017/44 dated 20/02/2017				
7	Date of online Inspection	17-09-2024				
8	Name of the Inspecting Officers	DO (South)				
9	Name & Designation of Officers from the building side	Mr. Jay Shankar JE (Bldg) MCD & Mr. Sunil Kumar Chander AD (Bldg) MCD 2017				
10	Year of construction					
10	Online Applicant letter No.	Online ID 10099	873 dated 13.09.2024			
11 5. No.	Minimum standards on Fire Prevention and Fire Safety U/R 33	UBBL-2016 Requirements	Provided at Site	Remarks MR/NMR		
1	Access to Building.					
-	Road width	06 mtr	08 mtr	MR		
di	Gate width	06 mtr	08mtr	MR		
	Width of internal road	06 mtr	06 mtr	MR		
- 111	Number, width, type & arrangement of ex	its.	2-144-1-1-1			
2			-/55/8/803 10			
	Number of Staircase     Upper floors.	08	Provided	MR		
	> Basement floor.	-NA-	Hivdr-AN- Total auction of h	NA-		
)(1) (R)	b) Width of Staircase  > Upper floors  AA-  AA-  AA-  AA-  AA-  AA-  AA-  A	GF:- 2m-01 Nos, 1.5m-08 Nos & 1.35m -03 Nos FF:- 2m-01 Nos, 1.5m-08 Nos & 1.35m -03 Nos SF to 7 <sup>th</sup> F:-	GF:- 2m-01 Nos, 1.5m-08 Nos & 1.35m -03 Nos FF:- 2m-01 Nos, 1.5m-08 Nos & 1.35m -03 Nos SF to 7 <sup>th</sup> F:- 1.50m - 08 Nos m	MR		
	-NA-	1.50m - 08 Nos	-NA-	-NA-		
	> Basement floor	-NA-	F Joskov Pump In			
-190	4 4 4		D. Had	MR		
	c) Protection of exits  > Fire check door	Required	Provided	MR		
- 14	> Pressurization	Required		MR		
160	d) No. of continuous staircase to terrace	Required 02 No's	Provided	MR		
		1.5 m				
	e) Width of corridor  f) Door size	1.35 mtr	1.35 mtr	As approved on N/9		
3	Compartmentation.	Required	Provided	MR		
8.7	Fire check door.		Provided	MR		
	Sealing of electrical shafts.	Required	Provided	MR		
	<ul> <li>Fire rating of shaft door.</li> </ul>	Required		-NA-		
	Water curtain	-NA-	-NA-	-NA-		
	Fire dampers.	-NA-	-NA-			
	Smoke Management system.	14-14-14-1	-NA-			
4	Basement	-NA-	-NA-	MR		
		12 ACPH	Natural Ventilation	117.4		
711	Upper floors      Facing with ors		-2	MR		
5	Fire Extinguishers.		Hostel 152 No's	MR		
	Total numbers     Types	ISI marked A	ABC, CO2 & W.CO2 Provided	MR		
	A TVDPS					



5	First Aid Hose Reels.			
- 12	Total numbers on each floor.		01 at each floor & 10 at GF & FF	MR
100	Length of hose-reel hose.	Hose-reels	30m	MR
	Nozzle Diameter		5mm	MR
7	Automatic fire detection & alarming system.			MR
	Type of detectors	Smoke & Heat	Provided	MR
	Location of Main Panel	Ground floor	Provided	-NA-
- 1	Location of Repeater Panel	-NA-	-NA-	MR
		Required	Provided	
	Alternate source of power	All areas	Provided	MR
0	Hooter's location	Required	Provided	MR
8	MOEFA	Required	Provided	MR
9	Public Address System	Requires		465
10	Automatic Sprinkler System	-NA-	-NA-	-NA-
STR	Basement	-NA-	-NA-	-NA-
	Upper floors	-NA-	-NA-	-NA-
- 8	Sprinkler above false ceiling	-NA-		
11	Internal Hydrants.	100 mm	Provided	MR
	Size of Riser/Down-comer	08 Nos	Provided	MR
	Number of Hydrant per floor	08 Nos	Provided	MR
	Hose box.	U8 NOS	well = salt1 K	
12	Yard Hydrants.	Required	Provided	MR
	Total number of hydrants.	Required	Provided	MR
21	Hose box.	Require		
13	Pumping arrangements.  • Ground Level			
	<ul> <li>Ground Level</li> <li>Discharge of main pump.</li> </ul>	-NA-	-NA-	NA-
	> Head of main pump.	-NA-	-NA-	NA-
	> Number of main pumps.	-NA-	-NA-	NA-
	> Jockey Pump output.	-NA-	-NA-	NA-
16	The second of th	-NA-	-NA-	NA-
	The state of the s	-NA-	-NA-	NA-
	n II Dama bood	-NA-	-NA-	NA-
	Or at - A formal Stopping	3.00 331.14	-NA-	NA-
	TT Accord	-NA-	and MAS to July 81	1,121
	Terrace Level ,		900 LPM	MR
	Discharge of pump.	900 LPM	Provided	MR
	➤ Head of pump.	40 m	Provided	MR
	> Power supply.	Required	Provided	MR
	> Auto starting of pump.	Required	Provided	IVIIC
14	Captive water storage for fire fighting.	-NA-	-NA-	-NA-
	<ul> <li>Underground tank capacity.</li> </ul>	-NA-	-NA-	-NA-
	> Draw-off connection.	-NA-	-NA-	-NA-
	> Fire Service Inlet.	-NA-	-NA-	-NA-
	> Access to tank.	25,000 Ltr	Provided	MR
- 17	Overhead tank capacity.	Required	Provided	MR
15	Exit Signage.  Provision of Lifts.		N. A.A.	MD
16	Pressurization of lift shaft.	Required	Provided Provided	MR MR
	Pressurization of lift lobby.	Required	Provided	TATTA





	Communication in lift car.	Required		महोत्सव
17 18	Fireman's switch.     Lift signage.  Standby Power Supply  Refuge Area     Total area     Location	Required Required Required -NANA-	Provided Provided Provided Provided Provided -NANA-	MR MR MR MR
19	Fire Control Room.			-NA-
	<ul> <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>	-NA- -NA- -NA- -NA-	-NA- -NA- -NA- -NA-	-NA- -NA- -NA-
20	Special Fire Protection System for the Protection of special Risk, if any.	-NA-	-NA-	-NA-

The fire protection system provided in the building were randomly checked and found functional at the time of inspection.

Further, the party has complied all the observation / Shortcoming already issued & communicated by this department vide letter of even no 2621 dated 17/10/2022.

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 Inspection Officer Name: Sh. Manoj Kumar Sharma

Design: DO (South)

CFO (HO)