

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI

HEADQUARTERS: DELHI FIRE SERVICE: NEW DELHI-110001

No.F.6/DFS/MS/Residential/2024/SZ/181

Dated: 19/03/2024

FIRE SAFETY CERTIFICATE

Certified that the **Boys Hostel (B1) & Girls Hostel (G1)** at **Indraprastha Institute of Information Technology-Delhi, Okhla Ph-III, New Delhi-110020** Comprised of Boys Hostel (B1) – Ground plus Six upper floors & Girls Hostel (G1) Stilt plus Six upper floors owned/occupied by **Indraprastha Institute of Information Technology-Delhi** was issued Fire Safety Certificate by this department vide letter F6/DFS/MS/Hostel/2019/SZ/1157 dated 31/05/2019. The premise was re-inspected by officer concerned of this department on 11/03/2024 in the presence of Mr. Anurag Tyagi and observed that the said building 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-A** "**Residential Building**" (**Hostel**) with effect from 19/03/2024 for 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, 2010.

Issued 19/03/2024 at New Delhi by

(ATUL GARG)
DIRECTOR

DELHI FIRE SERVICE

Copy to: -

1. Dr. Deepika Bhaskar at Indraprastha Institute of Information Technology-Delhi, Okhla Ph-III, New Delhi-110020.
2. The Executive Engineer (Bldg) MCD, Aurobindo Marg, Green Park, 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. The basement shall be used as per the provisions of UBBL-2016/NBC Part- IV.
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
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	Boys Hostel (B1) & Girls Hostel (G1) Indraprastha Institute of Information Technology-Delhi, Okhla Ph-III, New Delhi-110020		
2	Type of Occupancy	Residential, "Group-A" (Hostel Building)		
3	Building Comprised of	Boys Hostel (B1) G+6 and Girls Hostel (G1) Stilt+6,		
4	Type of Case	Renewal		
5	Details of Previous NOC	F6/DFS/MS/Hostel/2019/SZ/1157 dated 31/05/2019		
6	Fire Safety Directives Letter No	F.6/DFS/MS/BP/2010/1094 dated 15-04-2010 F.6/DFS/MS/BP/2015/103 dated 09/04/2015		
7	Date of Inspection	11-03-2024		
8	Name of the Inspecting Officers	DO (South) & ADO (BCP)		
9	Name & Designation of Officers from the building side	Mr. Anurag Tyagi		
10	Year of construction	2012 & 2016-2019		
11	Applicant letter No.	No IIITD/GA/Fire NOC/2022/3293 dt 19/02/2024		
S. No.	Minimum standards on Fire Prevention and Fire Safety U/R 33	NBC / BBL Requirements	Provided at Site	Remarks MR/NMR
1	Access to Building.			
	• Road width	6 mtr	Provided	MR
	• Gate width	6 mtr	Provided	MR
	• Width of internal road	6 mtr	Provided	MR
2	Number, width, type & arrangement of exits.			
	a) Number of Staircase			
	➤ Upper floors.	Boys Hostel & B1= 5+1 Girls Hostel & G1 = 4+1+1	Provided	MR
	➤ Basement floor.	-NA-	-NA-	-NA-
	b) Width of Staircase			
	➤ Upper floors	1.5 mtr (each)	1.5 mtr each provided	MR
	➤ Basement floor	-NA-	-NA-	-NA-
	c) Protection of exits			
	➤ Fire check door	Required	Provided	MR
	➤ Pressurization	-NA-	-NA-	-NA-
	d) No. of continuous staircase to terrace	Required	Provided	MR
	e) Width of corridor	-NA-	-NA-	-NA-
	f) Door size	1m	Provided	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.	-NA-	-NA-	-NA-
4	Smoke Management system.			
	• Basement	30 ACPH	-NA-	-NA-
	• Upper floors	12 ACPH	Natural Ventilation	MR
5	Fire Extinguishers.			
	• Total numbers	ISI marked	Boys H-101, Girls H-102	MR
	• Types		ABC, CO2 & W.CO2	MR
	• ISI Marking		Provided	MR
6	First Aid Hose Reels.			
	• Total numbers on each floor.	Hose-reels	Boys/Girls Hostel=06 each	MR
	• Length of hose-reel hose.		30m	MR
	• Nozzle Diameter		5mm	MR

Boys Hostel & Extn Block (B1), Girls Hostel & Extn Block (G1) IIIT-Delhi, Okhla Ph-III, ND-20

7	Automatic fire detection & alarming system.			
	• Type of detectors	Required	Smoke & Heat	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	Stairs & Corridors	MR
8	MOEFA	Required	Provided	MR
9	Public Address System	Required	Provided	MR
10	Automatic Sprinkler System			
	• Basement	-NA-	-NA-	-NA-
	• Upper floors	-NA-	-NA-	-NA-
	• Sprinkler above false ceiling	-NA-	-NA-	-NA-
11	Internal Hydrants.			
	• Size of Riser/Down-comer	100 mm	Provided	MR
	• Number of Hydrant per floor	Boys/Girls Hostel-06 Each	Provided	MR
	• Hose box.	Boys/Girls Hostel-06 Each	Provided	MR
12	Yard Hydrants.			
	• Total number of hydrants.	Boys Hostel-7, Girls Hostel-8	Provided	MR
	• Hose box.	Boys- Hostel-7, Girls Hostel-8	Provided	MR
13	Pumping arrangements.			
	• Ground Level	Fire-fighting systems are common for all Hostel blocks		
	➤ Discharge of main pump.	2280 LPM	2280 LPM	MR
	➤ Head of main pump.	Required	110m	MR
	➤ Number of main pumps.	2 Nos	Provided	MR
	➤ Jockey Pump output.	180 LPM	180 LPM x 2 Nos	MR
	➤ Jockey Pump head.	Required	110m	MR
	➤ Standby Pump output.	2280 LPM	2280 LPM	MR
	➤ Standby Pump head.	Required	110m	MR
	➤ Auto Starting/Manual Stopping	Required	Provided	MR
	• Terrace Level			
	➤ Discharge of pump.	900 LPM	900 & 180 LPM	MR
	➤ Head of pump.	Required	55m to 80m	MR
	➤ Power supply.	Required	Provided	MR
	➤ Auto starting of pump.	Required	Provided	MR
14	Captive water storage for fire fighting.			
	• 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.	25,000 Ltr each Blk	Provided	MR
15	Exit Signage.	Required	Provided	MR
16	Provision of Lifts.			
	• Pressurization of lift shaft.	-NA-	-NA-	-NA-
	• Pressurization of lift lobby.	-NA-	-NA-	-NA-
	• Communication in lift car.	Required	Provided	MR
	• Fireman's switch.	Required	Provided	MR
	• Lift signage.	Required	Provided	MR
17	Standby Power Supply	Required	Provided (DG Set)	MR
18	Refuge Area			
	• Total area	Required	25.06 SQM (B1)	MR
	• Location	Required	6 th Floor	MR

19	Fire Control Room. • Detector system panel. • Flow switch panel. • PA system panel. • Battery backup. • Building floor plan.	Required	Provided	MR
		-NA-	-NA-	-NA-
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
20	Special Fire Protection System for the Protection of special Risk, if any.	Required	HT & LT panel provided with CO2 type fire extinguishers	MR

Boys Hostel & Extn Block (B1), Girls Hostel & Extn Block (G1) IIT-Delhi, Okhla Ph-III, ND-20

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

The Girls hostel G-1 Block is comprised of Stilt plus Six upper floors whereas in earlier FSC dated 31/05/2019 it was mentioned Ground plus Six upper floors, which is a typographical mistake.

Keeping in view of the deemed compliance of the minimum standard on fire prevention and fire safety measures as required under the rules, the FSC issued vide letter no F6/DFS/MS/Hostel/2019/SZ/1157 dated 31/05/2019, renewal under rule 37 of the Delhi Fire Service rules, 2010 is recommended.

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

Mh
14/3/2024

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

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

CFO (HO)

Manoj
15/03/2024
Director
15/03/2024
15/3
ADO/BCP

As approved, f.p. letter is prepared

for your signature

16/3
18/3/24

Director
18/03/24

man