

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

No. F.6/DFS/MS/2022/SZ/ 488

Dated: 01/11/2022

**FIRE SAFETY CERTIFICATE**

Certified that **New Girls Hostel (Himadri Hostel) index No 50** located at IIT Delhi Campus, Hauz Khas, New Delhi- 110016 Comprised of Hostel Block (Basement, ground plus Seven upper floors) owned/occupied by Indian Institute of Technology Delhi was issued FSC by this department vide letter no F6/MS/DFS/1701 dated 11/06/2010. The premise was re-inspected by officer concerned of this department on 27/10/2022 in the presence of Mr. Rajeev Aggarwal (Fire Officer) and observed that the 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 **“Residential, Group-A”** as above with effect from 01/11/2022 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 01/11/22 at New Delhi by

  
(ATUL GARG)  
DIRECTOR

Copy to: -

1. Mr. Rajeev Kumar (Institute Engineer) New Girls Hostel (Himadri Hostel) index No 50 located at IIT Delhi Campus, Hauz Khas, New 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 and also in light of S.No. 7 below, management shall be responsible.
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 (I) of rule 37] along with a copy of this Certificate, six month prior to its expiry.”
7. **The Management has requested forgive us 03 months time for complied all the observation / shortcoming already communicated by this department vide letter of even no. 469 dated 26/02/2021, within three months from the date of issuance of this FSC. Else otherwise, this FSC may be treated as null & void.**

113

**INSPECTION REPORT**

1	Name & Address of the Building	New Girls Hostel (Himadri Hostel) , IIT Delhi Campus, Hauz Khas, New Delhi		
2	Type of Occupancy	Residential, "Group- A"		
3	Building Comprised of	Basement + Ground Floor + Seven Upper Floors		
4	Type of Case	Renewal		
5	Details of Previous NOC	F6/MS/DFS/1701 dated 11/06/2010		
6	Fire Safety Directives Letter No	F 6/DFS/MS/BP/2005/1730 dated 19/08/2005		
7	Date of Inspection	27-10-2022		
8	Name of the Inspecting Officers	Sh. Rajesh Kumar ADO (BCP)		
9	Name & Designation of Officers from the building side	Mr. Rajiv Aggarwal (Fire Officer)		
10	Year of construction	2005		
11	Applicant letter No.	Outdoor diary no 6540 dated 07.10.2022		
<b>S. No.</b>	<b>Minimum standards on Fire Prevention and Fire Safety U/R 33</b>	<b>NBC / BBL Requirements</b>	<b>Provided at Site</b>	<b>Remarks MR/NMR</b>
<b>1</b>	<b>Access to Building.</b>			
	• Road width	06 mtr	Provided	MR
	• Gate width	Required	Provided	MR
	• Width of internal road	-NA-	-NA-	-NA-
<b>2</b>	<b>Number, width, type &amp; arrangement of exits.</b>			
	<b>a) Number of Staircase</b>			
	➤ Upper floors.	07	Provided	MR
	➤ Basement floor.	06	Provided	MR
	<b>b) Width of Staircase</b>			
	➤ Upper floors	2 x 1.5 m, 1 x 1.35 m, & 4 x 1.25 m	2 x 1.5 m, 1 x 1.35 m, & 4 x 1.25 m	MR (old case)
	➤ Basement floor	5 x 1.50 mtr & 1 x 1.25 mtr	5 x 1.50 mtr & 1 x 1.25 mtr	MR (old case)
	<b>c) Protection of exits</b>			
	➤ Fire check door	Required	Provided	MR
	➤ Pressurization	-NA-	-NA-	-NA-
	<b>d) No. of continuous staircase to terrace</b>	Required 02 No's	Provided	MR
	<b>e) Width of corridor</b>	1 m	Provided	MR
	<b>f) Door size</b>	1m	Provided	MR
<b>3</b>	<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-
<b>4</b>	<b>Smoke Management system.</b>			
	• Basement	30 ACPH	Exhaust fan Provided	MR
	• Upper floors	12 ACPH	Natural Ventilation	MR
<b>5</b>	<b>Fire Extinguishers.</b>			
	• Total numbers	ISI marked	Hostel 40 No's	MR
	• Types		ABC, CO2 & W.CO2	MR
	• ISI Marking		Provided	MR
<b>6</b>	<b>First Aid Hose Reels.</b>			
	• Total numbers on each floor.	Hose-reels	02 at each floor	MR
	• Length of hose-reel hose.		30m	MR
	• Nozzle Diameter		5mm	MR
<b>7</b>	<b>Automatic fire detection &amp; alarming system.</b>			
	• Type of detectors	Smoke & Heat	Provided	MR
	• Location of Main Panel	Ground floor	Provided	MR

N/14

	<ul style="list-style-type: none"> <li>Location of Repeater Panel</li> <li>Alternate source of power</li> <li>Hooter's location</li> </ul>	-NA-	-NA-	-NA-
		Required	Provided	MR
		All areas	Provided	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> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Upper floors</li> </ul>	-NA-	-NA-	-NA-
	<ul style="list-style-type: none"> <li>Sprinkler above false ceiling</li> </ul>	-NA-	-NA-	-NA-
11	Internal Hydrants.			
	<ul style="list-style-type: none"> <li>Size of Riser/Down-comer</li> </ul>	100 mm	Provided	MR
	<ul style="list-style-type: none"> <li>Number of Hydrant per floor</li> </ul>	07 Nos	Provided	MR
	<ul style="list-style-type: none"> <li>Hose box.</li> </ul>	07 Nos	Provided	MR
12	Yard Hydrants.			
	<ul style="list-style-type: none"> <li>Total number of hydrants.</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Hose box.</li> </ul>	Required	Provided	MR
13	Pumping arrangements.			
	<ul style="list-style-type: none"> <li>Ground Level</li> </ul>			
	<ul style="list-style-type: none"> <li>➤ Discharge of main pump.</li> </ul>	1620 LPM	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Head of main pump.</li> </ul>	60m	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Number of main pumps.</li> </ul>	02	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Jockey Pump output.</li> </ul>	180 LPM	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Jockey Pump head.</li> </ul>	60m	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Standby Pump output.</li> </ul>	1620 LPM	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Standby Pump head.</li> </ul>	60m	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Auto Starting/Manual Stopping</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Pump House Access</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Terrace Level</li> </ul>			
	<ul style="list-style-type: none"> <li>➤ Discharge of pump.</li> </ul>	900 LPM	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Head of pump.</li> </ul>	40 m	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Power supply.</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Auto starting of pump.</li> </ul>	Required	Provided	MR
14	Captive water storage for fire fighting.			
	<ul style="list-style-type: none"> <li>Underground tank capacity.</li> </ul>	50,000 ltr	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Draw-off connection.</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Fire Service Inlet.</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Access to tank.</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Overhead tank capacity.</li> </ul>	20,000 Ltr	Provided	MR
15	Exit Signage.	Required	Provided	MR
16	Provision of Lifts.			
	<ul style="list-style-type: none"> <li>Pressurization of lift shaft.</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Pressurization of lift lobby.</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Communication in lift car.</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Fireman's switch.</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Lift signage.</li> </ul>	Required	Provided	MR
17	Standby Power Supply	Required	Provided (DG Set)	MR
18	Refuge Area			
	<ul style="list-style-type: none"> <li>Total area</li> </ul>	-NA-	-NA-	-NA-
	<ul style="list-style-type: none"> <li>Location</li> </ul>	-NA-	-NA-	-NA-

M/15

19	<b>Fire Control Room.</b> <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>	-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
20	<b>Special Fire Protection System for the Protection of special Risk, if any.</b>	-NA-	-NA-	-NA-

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

Further, the Management has requested forgive us 06 month time for complied all the observation / Shortcoming already issued & communicated by this department vide letter of even no 469 dated 26/02/2021 within Six months from the date of issuance of this FSC. Else otherwise, this FSC may be treated as null & void.

Keeping in view of the deemed compliance of the minimum standards of fire prevention and fire safety measures as required under the rules, the fire safety certificate issued vide letter No. F6/MS/DFS/1701 dated 11/06/2010, renewal under rule 37 of the Delhi Fire Service Rules, 2010 is recommended.

Accordingly DFA is put up for approval and signature please.

M/27/10/22

Signature of the Inspecting Officer  
Name: - Rajesh Kumar  
Designation: - ADO/BCP

Dy. CFO (SZ)

*[Handwritten signature]*

C. F. O. *[Signature]*  
31/10/22

Director *[Signature]*  
31/10/22

ADO/BCP

As approved f.t. letter is put up for your signature & *[Signature]*  
31/10

Director *[Signature]*  
31/10/22