

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

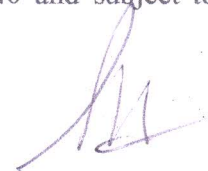
No. F.6/DFS/MS/2021/SZ/ 53

Dated: 22/01/2021

**FIRE SAFETY CERTIFICATE**

Certified that the Boys Hostel B (Zanskar Hostel) & Laboratory Block 1C at IIT Delhi Campus Hauz Khas, New Delhi-110016 Comprised of Hostel Block (Basement, ground plus three upper floors) & Laboratory block (ground plus one upper floor) was granted NOC by this department vide letter F6/DFS/MS/Resid/2013/727 dated 20/02/2013. The premise was re-inspected by officer concerned of this department on 08/01/2021 in the presence of Mr. Rajeev Aggarwal (Sr. Fire Officer) and observed that the said building comprised of basement, ground plus five upper floors, but 5<sup>th</sup> floor sealed and undertaking submitted by school management 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” & Laboratory** as above with effect from 22/01/2021 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 22/01/2021 at New Delhi by

  
(Sunil Chawdhary)  
Dy. Chief Fire Officer (SZ)  
Delhi Fire Service

Copy to: -

1. Mr. Rajeev Aggarwal (Sr. Fire Officer IIT Campus) Boys Hostel B (Zanskar Hostel) & Laboratory Block 1C, IIT Hauz Khas, New Delhi 110016
2. The Executive Engineer (Bldg) HQ-I, South Delhi Municipal Corporation, 9<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 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. 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.”

N/18

**INSPECTION REPORT**

1	Name & Address of the Building	New Boys Hostel- B, (Zanskar Hostel) & Laboratory Block 1C, IITD Campus Hauz Khas, New Delhi		
2	Type of Occupancy	Residential, "Group-A" & Class E- "Business"		
3	Building Comprised of	Hostel Block (Basement + GF + Three Upper Floors) Laboratory Block (Ground + <del>One</del> Upper Floors)		
4	Type of Case	Renewal		
5	Details of Previous NOC	F6/DFS/MS/Resid/2013/727 dated 20/02/2013		
6	Fire Safety Directives Letter No	F.6/DFS/MS/BP/2003/2787 dated 12/11/2003		
7	Date of Inspection	08-01-2021		
8	Name of the Inspecting Officers	Sh. Rajesh Kumar ADO (BCP)		
9	Name & Designation of Officers from the building side	Mr. Rajeev Aggarwal (Sr. Fire Officer )		
10	Year of construction	2006		
11	Applicant letter No.	PPM/276/19.10.2020 dated 16.10.2020		
S. No.	<b>Minimum standards on Fire Prevention and Fire Safety U/R 33</b>	<b>NBC / BBI Requirements</b>	<b>Provided at Site</b>	<b>Remarks MR/NMR</b>
1	<b>Access to Building.</b>			
	<ul style="list-style-type: none"> <li>Road width</li> <li>Gate width</li> <li>Width of internal road</li> </ul>	06 mtr -NA- -NA-	Provided ✓ -NA- -NA-	MR -NA- -NA-
2	<b>Number, width, type &amp; arrangement of exits.</b>			
	<b>a) Number of Staircase</b>			
	➤ Upper floors.	Hostel Block-06 Laboratory Block - 02	Provided ✓	MR
	➤ Basement floor.	03 No's	Provided ✓	MR
	<b>b) Width of Staircase</b>			
	➤ Upper floors	Hostel Block- 1.25 m  Laboratory Block - 1.5 m	1.25m – 04 No's 1.24 m – 02 No's 1.5 m & 1.2 m	MR (old case)
	➤ Basement floor	1.25 m	1.24m, 1.24m & 1.24 m ✓	MR (old case)
	<b>c) Protection of exits</b>			
	➤ Fire check door	Required in basement	Provided	MR
	➤ Pressurization	-NA-	-NA-	-NA-
	<b>d) No. of continuous staircase to terrace</b>	Required 02 No's in hostel block & one in laboratory block	Provided	MR
	<b>e) Width of corridor</b>	Hostel block – 1 m Laboratory block – NA	✓ Provided	MR
	<b>f) Door size</b>	1m ✓	Provided	MR
3	<b>Compartmentation.</b>			
	<ul style="list-style-type: none"> <li>Fire check door.</li> <li>Sealing of electrical shafts.</li> <li>Fire rating of shaft door.</li> <li>Water curtain</li> <li>Fire dampers.</li> </ul>	Required in basement -NA- -NA- -NA- -NA-	Provided -NA- -NA- -NA- -NA-	MR -NA- -NA- -NA- -NA-
4	<b>Smoke Management system.</b>			
	<ul style="list-style-type: none"> <li>Basement</li> <li>Upper floors</li> </ul>	30 ACPH 12 ACPH	Exhaust fan Provided Natural Ventilation	MR MR
5	<b>Fire Extinguishers.</b>			
	<ul style="list-style-type: none"> <li>Total numbers</li> <li>Types</li> <li>ISI Marking</li> </ul>	ISI marked	Hostel block 40 No's laboratory block 10 No's ABC, CO2 & W.CO2 Provided ✓	MR MR MR
6	<b>First Aid Hose Reels.</b>			

	<ul style="list-style-type: none"> <li>Total numbers on each floor.</li> <li>Length of hose-reel hose.</li> <li>Nozzle Diameter</li> </ul>	Hose-reels	Hostel block 05 No's	MR
			laboratory block 01 No's	
			30m	MR
			5mm	MR
<b>7</b>	<b>Automatic fire detection &amp; alarming system.</b>			
	<ul style="list-style-type: none"> <li>Type of detectors</li> <li>Location of Main Panel</li> <li>Location of Repeater Panel</li> <li>Alternate source of power</li> <li>Hooter's location</li> </ul>	-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
<b>8</b>	<b>MOEFA</b>	-NA-	Provided	-NA-
<b>9</b>	<b>Public Address System</b>	-NA-	Provided	-NA-
<b>10</b>	<b>Automatic Sprinkler System</b>			
	<ul style="list-style-type: none"> <li>Basement</li> <li>Upper floors</li> <li>Sprinkler above false ceiling</li> </ul>	Required in basement	Provided	MR
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
<b>11</b>	<b>Internal Hydrants.</b>			
	<ul style="list-style-type: none"> <li>Size of Riser/Down-comer</li> <li>Number of Hydrant per floor</li> <li>Hose box.</li> </ul>	100 mm	Provided	MR
		Hostel block 05 No's laboratory block -Nil	Provided	MR
		Hostel block 05 No's laboratory block -Nil	Provided	MR
<b>12</b>	<b>Yard Hydrants.</b>			
	<ul style="list-style-type: none"> <li>Total number of hydrants.</li> <li>Hose box.</li> </ul>	-NA-	Provided	-NA-
		-NA-	Provided	-NA-
<b>13</b>	<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> <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>			
		1620 LPM	Provided	MR
		60m	Provided	MR
		01	Provided	MR
		180 LPM	Provided	MR
		60m	Provided	MR
		1620 LPM	Provided	MR
		60m	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		-NA-	Hostel block 02 nos of 900 LPM Laboratory block 2 nos of 450 LPM	-NA-
		-NA-	All of 40m	-NA-
		-NA-	Provided	-NA-
		-NA-	Provided	-NA-
<b>14</b>	<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>	50,000 ltr	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		10,000 Ltr	Provided	MR
<b>15</b>	<b>Exit Signage.</b>	Required	Provided	MR
<b>16</b>	<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> </ul>	-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-

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	<ul style="list-style-type: none"> <li>• Fireman's switch.</li> <li>• Lift signage.</li> </ul>	-NA-	-NA-	-NA-
17	<b>Standby Power Supply</b>	-NA-	-NA-	-NA-
18	<b>Refuge Area</b>			
	<ul style="list-style-type: none"> <li>• Total area</li> <li>• Location</li> </ul>	-NA-	-NA-	-NA-
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-
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. 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/DFS/MS/Resid/2013/727 dated 20/02/2013, renewal under rule 37 of the Delhi Fire Service Rules, 2010 is recommended.

Accordingly DFA is put up for approval and signature please.

*[Handwritten Signature]*  
12/1/2021

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

*[Handwritten Signature]*

*[Handwritten Signature]*  
13/01

F.T. please

*[Handwritten Signature]*  
DUFO (S2)

*[Handwritten Signature]*

(3/1)

*[Handwritten Signature]*  
~~ADO BCP~~

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

1/14  
28/1/2021