

**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI**  
**HEADQUARTERS: DELHI FIRE SERVICE: NEW DELHI- 110 001**

No.F6/DFS/MS/CSIR-IGIB/SZ/2022/ 223

Dated: 18/05/2022

**FIRE SAFETY CERTIFICATE**

Certified that the **M/s Institute of Genomics & Integrative Biology (CSIR) Complex Hostel Building located at Sukhdev Vihar, Mathura Road, New Delhi.** comprised of **Basement + Ground + 07 upper floors** was granted Fire Safety Certificate by this department vide letter no. F6/DFS/MS/2012/1570 dated 02.05.2012. The building/premises was re-inspected by a team of officers from this department on 06.05.2022 in the presence of Sri R.S. Chaudhary, Project Consultant and found that the building has deemed complied with the fire prevention and fire safety requirements in accordance with Rule 33 of Delhi Fire Service Rules, 2010. Accordingly, the premises (**Basement + Ground + 07 upper floors**) is fit for occupancy of Class-A "**Residential Building (Hostel Building)**" with effect from .....18/05/2022 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 conditions under Rule 38 of Delhi Fire Service Rules, 2010 printed below.

Issued on.....18/05/2022.....at New Delhi by

  
(Atul Garg)

Director

Delhi Fire Service

**Copy to:-**

1. The Executive Engineer (Building), South DMC, 9th floor, Dr. SPM Civic Centre, JLN Marg, New Delhi.
2. Sri R. S. Chaudhary (Project Consultant), Head Works & Service Division, M/s Institute of Genomics & Integrative Biology (CSIR) Complex Hostel Building located at Sukhdev Vihar, Mathura Road, New Delhi.

**Conditions for the validity of Fire Safety Certificate**

1. All the fire safety arrangements provided therein shall be maintained in good working conditions at all times.
2. Any loss of life or property due to non functional fire safety measures shall be at the responsibility of the management.
3. The trained fire fighting staff should be available round the clock.
4. Any deviation w.r.t. construction etc. shall be verified by the concerned building sanctioning authority.
5. This fire safety certificate may not be treated in any case for regularization of unauthorized construction, if any.
6. 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).
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 month prior to its expiry".
8. Basement shall be used as per NBC/UBBL.
9. Any change in the occupancy shall be intimated to this Department and approval shall be obtained thereto before occupancy of the same.

## INSPECTION REPORT

1	Name & address of the building	M/s Institute of Genomics & Integrative Biology (CSIR) Complex Hostel Building located at Sukhdev Vihar, Mathura Road, New Delhi.			
2	Building is comprised of	Basement + Ground + 07 upper floors			
3	Type of occupancy	Residential (Hostel building) 'A'			
4	Type of case	Renewal			
5	Details of previous FSC	F6/DFS/MS/2012/1570 dated 02.05.2012			
6	Fire safety direction letter no.	F6/DFS/MS/BP/2007/2084 dated 31.07.2007			
7	Date of inspection	06.05.2022			
8	Name of the inspecting officers	DO S.K.Dua. ADO Rajesh Kumar Shukla			
9	Name of the designation of officer From the building side	Sri R. S. Chaudhary			
10	Year of construction	2011			
11	Applicant's letter no.	Letter no. IGIB/SC/Fire Safety/2020-21			
S. No	<b>Minimum standard of Fire Prevention and Fire Safety U/R 33</b>	<b>Requirements as per directive issued dated 31.07.2007/BBL 1983/NBC</b>	<b>Provide at site</b>	<b>Remarks MR/NMR</b>	
<b>1</b>	<b>Access to Building</b>				
	<b>A</b>	Road width	20.0 mtrs	Provided	MR
	<b>B</b>	Gate width	06 mtrs	Provided	MR
	<b>C</b>	Width of internal roads	06 mtrs	Provided	MR
<b>2</b>	<b>Number, Width, Type &amp; Arrangement of Exits</b>				
	<b>A</b>	No. of staircase:			
		a) Upper floor	02 nos.	Provided	MR
		b) Basements	02 nos.	Provided	MR
	<b>B</b>	Width of the staircase:	<b>(As per BBL 1983)</b>		
		a) Upper floors	1.25 mtrs each	1.40 mtrs each	MR
		b) Basements	1.25 mtrts each	1.40 mtrs & 1.37 mtrs	MR
	<b>C</b>	Protection of Exits			
		a) Fire check door	Required	Provided	MR
		b) Pressurization	Required	Provided	MR
	<b>D</b>	No. of continuous staircase to terrace:	02 nos.	Provided	MR
	<b>E</b>	Width of the corridor	Required	1.80 mtrs	MR
	<b>F</b>	Door size	1.0 mtrs	Provided	MR
<b>3</b>	<b>Compartmentation:</b>				
	<b>A</b>	Fire Check doors	Required	Provided	MR
	<b>B</b>	Sealing of horizontal & vertical opening	Required	Provided	MR
	<b>C</b>	Fire rating of shaft Doors	Required	Provided	MR
	<b>D</b>	Water curtain	NA	NA	NA
	<b>E</b>	Fire dampers	Required	Provided	MR
<b>4</b>	<b>Smoke management System:</b>				
	<b>A</b>	Basements	30 ACPH	Mechanical Ventilation	MR
	<b>B</b>	Upper floors	12 ACPH	Natural Ventilation	MR
<b>5</b>	<b>Fire extinguishers</b>				
	<b>A</b>	Total numbers	27 no.	27 no.	MR
	<b>B</b>	Types	CO <sub>2</sub> , ABC	CO <sub>2</sub> , ABC	MR
	<b>C</b>	ISI marking	Required	Provided	MR

<b>6</b>	<b>First Aid Hose Reel</b>			
A	Total no. at each floor	01 nos.	01 nos.	MR
B	Length of hose reel	30 mtrs	30 mtrs	MR
C	Nozzle diameter	5 mm	5 mm	MR
<b>7</b>	<b>Automatic Fire Detection and Alarm System (ADAS)</b>			
A	Type of detectors	Smoke detector	Smoke detector	MR
B	Location of main Panel	Required	Provided	MR
C	Location of repeater panel	NA	NA	NA
D	Alternate power source	Required	Provided	MR
E	Hooter's location	Should be audible in entire building	Provided	MR
<b>8</b>	MOEFA	Required	Provided	MR
<b>9</b>	Public Address System	Required	Provided	MR
<b>10</b>	<b>Automatic Sprinkler System</b>			
A	Basement	Required	Provided	MR
B	Upper floor	NA	Provided	NA
C	Sprinklers above false ceiling	Required	Provided	MR
<b>11</b>	<b>Internal hydrants</b>			
A	Size of the riser/down comer	100 mm	Provided	MR
B	No. of hydrants per floor	01 nos	Provided	MR
C	Hose box	12 nos	Provided	MR
<b>12</b>	<b>Yard Hydrants</b>			
A	Total no. of hydrants	04 nos.	Provided	MR
B	Hose box	04 nos.	Provided	MR
<b>13</b>	<b>Pumping arrangements</b>			
A	Ground Level			
	a) Discharge & head of main pump	NA	2280 LPM & 53 m	NA
	b) Number of main pump	NA	01 no.	NA
	c) Discharge & head of jockey pump	NA	180 LPM & 53 m	NA
	d) Discharge & head of Standby pump	NA	2280 LPM & 53 m	NA
	e) Auto starting/ manual stopping	NA	Provided	NA
B	Terrace Level			
	a) Discharge of terrace pump	900 LPM	Not Provided	NMR
	b) Head of terrace pump	N/A	N/A	N/A
	c) Alternate power supply	Required	Provided	MR
	d) Auto starting of pump	Required	Provided	MR
<b>14</b>	<b>Captive Water Storage for Fire Fighting</b>			
A	Underground tank capacity	NA	1,00,000 Ltrs	NA
B	Draw off connection	Required	Provided	MR
C	Fire Service Inlet	Required	Provided	MR
E	Access to tank	Required	Provided	MR
D	Overhead tank capacity	25,000 Ltrs	Provided	MR
<b>15</b>	<b>Exit Signage</b>	Required	Provided	MR
<b>16</b>	<b>Provision of lift</b>			
A	Pressurization of lift shaft	Required	Provided	MR
B	Pressurization of lift lobby	NA	NA	NA
C	Communication in lift car	Required	Provided	MR
D	Fireman switch	Required	Provided	MR
E	Lift signage	Required	Provided	MR
<b>17</b>	<b>Standby Power Supply</b>	Required	Provided	MR

<b>18</b>	<b>Refuge Area</b>			
A	location	NA	NA	NA
B	Total area	NA	NA	NA
<b>19</b>	<b>Fire Control Room</b>			
A	Fire Detection System panel	Required	Provided	MR
B	Flow switch panel	Required	Provided	MR
C	P A system panel	Required	Provided	MR
D	Battery backup	Required	Provided	MR
E	Building floor plan	Required	Provided	MR
<b>20</b>	<b>Special Fire Protection for special risk if any</b>			
A	Special Fire Protection system for Protection of Special Risk, if any:	LT and HF panel 05 no. CO. cylinder provided		MR

Meeting Requirement (MR), Not Meeting Requirement (NMR), Not Applicable (NA), Provided but Not Functional (PNF), Not Provided (NP).

The requirement of fire pumps and Underground water storage tank, in previous inspection reports is not as per the guidelines issued vide letter no. F6/DFS/MS/BP/2007/2084 dated 31.07.2007. However the building management has already provided higher side of the fire safety arrangements than required standards in the guidelines. Hence the requirement of terrace pump may be exempted.

The lift area is naturally ventilated at all floors hence the requirement of lift lobby protected by FCD may also be exempted. Rest of the shortcomings issued by this department vide letter no. F6/DFS/MS/2015/Apart/2392 dated 18.11.2015 has been complied by the management.

The fire protection systems provided in the building were tested, checked at random and found functional at the time of inspections.

In view of the deemed compliance of minimum standards of fire prevention and fire safety measures as required under the Rules, the FSC issued vide letter no. F6/DFS/MS/BP/2007/2084 dated 31.07.2007 is recommended to be renewed under Rule 37 of the Delhi Fire Service Rules 2010.

*S.K. Dua*  
 Signature of the Inspecting Officer  
 Name: S. K. Dua  
 Designation: DO (SD)

*Rajesh Kumar Shukla*  
 Signature of the Inspecting Officer  
 Name: Rajesh Kumar Shukla  
 Designation ADO (M. Road)

DCFO/SZ  
*[Signature]*  
 11/5

CAO  
*[Signature]*  
 Director  
 12/5/2022  
*[Signature]*  
 17/8/22

*[Signature]*  
 ADO (MR)

*[Signature]*  
 13/8/22