

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI  
HEAD QUARTERS: DELHI FIRE SERVICE: NEW DELHI-110001.

No. F6/DFS/MS/2012/1570

Dated 02/05/12

**FIRE SAFETY CERTIFICATE**

Certified that the M/s Institute of Genomics & Integrative Biology Complex, Hostel Building at Sukhdev Vihar, Mathura Road, New Delhi comprised of Basement, Ground plus seven upper floors Owned/Occupied by Institute of Genomics & Integrative Biology 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 officers concerned of Delhi Fire Service on 26.04.2012 in the presence of Mr. Harinder Kumar of the hostel and that the building is fit for occupancy class-A "Residential (Hostel Building)" with effect from 02/05/12 for a period of **Three years**, subject to conditions as mentioned below.

Issued on 02/05/12 at New Delhi by

  
Chief Fire Officer  
For Director  
Delhi Fire Service

**Copy to:**

1. Sh. Pankaj Bansal, Project Coordinator, IGIB, Delhi University Campus, Mall Road, Delhi
2. The Executive Engineer (Bldg) HQ, Building Department, MCD, Town Hall, Delhi
3. Superintendent Home-III, Govt. of NCT of Delhi, Home Department, 5<sup>th</sup> Level, C-Wing, Delhi Secretariat, New Delhi. ----- (For Information please)

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

1. All the Fire Safety and means of escape facilities shall be maintained in good working conditions at all time. Any lapse rendering fire safety or means of evacuation facilities rendering non-functional shall be the responsibility of the management.
2. Building Sanctioning Authority may verify any deviation with regard to the construction/occupancy in the building. In case of any deviation, the fire safety certificate stands null and void.
3. The staff shall be trained for operating fire fighting system and mock evacuation drills be conducted at regular intervals and record be maintained.
4. The Basement shall be used strictly as per the provisions of Building Bye Laws.
5. The owner/occupier shall submit a declaration every year in form "K" provided in the first schedule of Delhi Fire Service Rule 2010. The form is available on [www.dfs.delhigovt.nic.in](http://www.dfs.delhigovt.nic.in)

**INSPECTION REPORT**

1	Name & address of the building	M/s Institute of Genomics & Integrative Biology Complex, Hostel building at Sukhdev Vihar, Mathura Road, New Delhi		
2	Type of Occupancy	Residential (Hostel Building) "A"		
3	Type of case	New		
4	Details of previous NOC	No		
5	Fire safety directives letter No	F6/DFS/MS/BP/2007/2084 Dated 31.07.2007		
6	Date of inspection	26.04.2012		
7	Name of the inspecting Officers :	D.O. (South) D.P. Bhardwaj, ADO(M Rd) Rajan Wadehra		
8	Name and designation of officers from the building side	Mr. Harinder Singh (Project Manager)		
9	Year of construction	2011		
10	Applicant's letter No.	5/118/SSH-CFO-/Apr 12/01 dated 17.04.2012 (Basement, Ground plus Seven upper floors)		
<b>S. NO.</b>	<b>Minimum Standards on fire prevention and fire safety U/R 33</b>	<b>NBC Requirement/</b>	<b>Provided at site</b>	<b>Remarks MR / NMR</b>
1	<b>Access to building</b>			
	1) Road width	20 mtrs	Provided ✓	MR
	2) Gate width	8mtrs	Provided ✓	MR
	3) Width of internal road	6 Mtr	Provided ✓	MR
2	<b>Number, width Type &amp; arrangement of exits</b>			
	<b>a. Number of staircases</b>			
	1. Upper floors	2 Nos.	Provided ✓	MR
	2. basements	2 Nos.	Provided ✓	MR
	<b>b. Width of staircase</b>			
	1. Upper floors	1.25 Mtr	1.4 Mtr each Provided ✓	MR
	2. basements	1.25 Mtr	1.4 & 1.37 Mtr Provided ✓	MR
	<b>c. Protection of exits</b>			
	1. Fire check door	Required	Provided ✓	MR
	2. Pressurization	Required	Provided ✓	MR
	<b>d. No. of continuous staircase to terrace</b>	Required	2 Nos. Provided ✓	MR
	<b>e. Width of corridor</b>	Required	1.8 Mtr Provided ✓	MR
	<b>f. Door size</b>	1 Mtr	Provided ✓	MR
3	<b>Compartmentation.</b>			
	1. Fire check door	Required	Provided ✓	MR
	2. Sealing of electrical shafts	Required	Provided ✓	MR
	3. Fire Rating of shaft door	Required	Provided ✓	MR
	4. water curtain	N/A	N/A	N/A
	5. Fire dampers	Required	Provided ✓	MR
4	<b>Smoke Management system.</b>			
	basement	30 a/c per hour 12 a/c per hour	Mec. Ventilation ✓	MR
	upper floors		Natural Ventilation ✓	MR
5	<b>Fire Extinguishers</b>			
	total numbers		27. Nos. Provided ✓	MR
	Types		ABC, Water Co2 ✓	MR
	ISI marking	ISI	Yes ✓	MR

6	<b>First-Aid Hose Reels.</b>			
	total numbers on each floor	One	Provided ✓	MR
	Length of Hose reel hose	30 m	Yes ✓	MR
	Nozzle Diameter	5 mm	Yes ✓	MR
7	<b>Automatic fire detection and alarming system</b>			
	Type of detectors	Required	Provided ✓	MR
	location of Main Panel	Required	Provided ✓	MR
	location of Repeater panel	N/A	N/A	N/A
	Alternate source of power	Required	Provided ✓	MR
	hooter's location	Required	Staircase ✓	MR
8	<b>MOEFA</b>	Required	Provided ✓	MR
9	<b>Public Address System.</b>	Required	Provided ✓	MR
10	<b>Automatic Sprinkler System.</b>			
	basement	Required	Provided ✓	MR
	upper floors	Not Required	Provided ✓	MR
	sprinkler above false ceiling	Required	Provided ✓	MR
11	<b>Internal Hydrants</b>			
	Size of riser/down-corner	150mm	Provided ✓	MR
	Number of Hydrants per floor	One	Provided ✓	MR
	hose Box	One	Provided ✓	MR
12	<b>Yard Hydrants.</b>			
	total number of hydrants	4 Nos	Provided ✓	MR
	hose box	4 Nos	Provided ✓	MR
13	<b>Pumping arrangements</b>			
	<b>1. Ground level</b>			
	a. Discharge of main Pump	2280 LPM	2280 LPM Provided ✓	MR
	b. Head of main pump	53 Mtr	53 Mtr ✓	MR
	c. Number of main pumps	One	One ✓	MR
	d. jockey pump out put	180 LPM	180 LPM Provided ✓	MR
	e. jockey pump head	53 Mtr	53 Mtr ✓	MR
	f. Standby Pump output	2280 LPM	2280 LPM Provided ✓	MR
	g. Stanby Pump head	53 Mtr	53 Mtr ✓	MR
	h. Auto Starting/Manual stopping	Required	Both Provided ✓	MR
	pump house access	Required	Provided ✓	MR
	<b>2. Terrace level</b>			
	a. Discharge of pump	N/A	N/A	N/A
	b. head of the pump	N/A	N/A	N/A
	c. Power supply	N/A	N/A	N/A
	d. Auto starting of pump	N/A	N/A	N/A
14	<b>Captive water storage for fire fighting</b>			
	1. Underground tank capacity	1,00,000 ltr	1,00,000 ltr ✓	MR
	a. Draw-off connection	Required	Provided ✓	MR
	b. fire service inlet	Required	Provided ✓	MR
	c. Access to tank	Required	Provided ✓	MR
	Over head tank Capacity	20,000 ltr	20,000 ltr ✓	MR
15	<b>Exit Signage.</b>	Required	Provided ✓	MR
16	<b>Provision of lifts.</b>			
	a. Pressurization of lift shaft	Required	Provided ✓	MR
	b. pressurization of lift lobby	Required	Provided ✓	MR
	c. communication in lift car	Required	Provided ✓	MR
	d. Fireman's grounding switch	Required	Provided ✓	MR
	e. Lift signage	Required	Provided ✓	MR
17	<b>Standby power supply</b>	Required	Provided ✓	MR

Case:- New

IGIB Hostel Building

18	Refuge Area.	Not Required ✓		
	total area			
	location			
19	Fire control room			
	a. detector system Panel	Required	Provided ✓	MR
	b. Flow switch Panel	Required	Provided ✓	MR
	c. PA system Panel	Required	Provided ✓	MR
	d. Batter backup	Required	Provided	MR
	e. Building floor plans	Required	Provided ✓	MR
20	Special Fire Protection systems for protection of special risks, if any:	✓		
	LT and Ht panel five nos. co2 cylinder provided			

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

Keeping in view the substantial compliance of the minimum standards on fire prevention and fire safety required under the rules it is recommended to grant Fire Safety Certificate under rules 35 of the Delhi Fire Service Rules 2010 Accordingly DFA is put up for your approval and signature please.

Signature of the inspecting officer

Name D. P. Bhardwaj

Designation : Divisional Officer (South)

Signature of the Inspecting Officer

Name

Rajan Wadehra

Designatio

A.D.O. (M. Rd)