

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

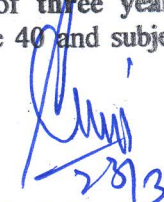
No.F6/ /DFS/ MS/SZ/2016/ 457

Dated: 23/03/16

**FIRE SAFETY CERTIFICATE**

Certified that the Academic Block, DIPSAR-U, DIPSAR, Pushap Vihar, New Delhi comprised of basement, ground and seven upper floors owned/occupied by Govt. of NCT of Delhi was inspected by the officers concerned of this department on 16/03/2016 in the presence of Mr. Meena (Executive engineer, PWD) and observed that the said premises have complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and that the premises is fit for occupancy class **Mixed Occupancy Building** with effect from 23/03/16 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 compliance of the conditions under rule 38 of the Delhi Fire Service Rules 2010.

Issued 23/03/16 at New Delhi by.

  
(Dr.G.C.Misra)  
Chief Fire Officer  
Tel: 011-23414333

Copy to:-

Executive Engineer (E)  
Education Division (Elect.), P.W.D  
Integrated Institute of Technology  
Sec.-9, Dwarka, New Delhi-110077

**Following fire safety directives must be adhered to:-**

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 basement shall be used as per the provisions of BBL/NBC-Part IV.
7. 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)
8. 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 months prior to its expiry. The form is available on [www.dfs.delhigovt.nic.in](http://www.dfs.delhigovt.nic.in)

**INSPECTION REPORT**

1. Name & address of the building:- Academic Block Dipsar-U, Dipsar, Pushap Vihar, New Delhi
2. Type of occupancy:- Mixed Occupancy (Educational /Business/Assembly)
3. Type of case: - New
4. Details of previous NOC: - Nil
5. Fire safety directives No.- F.6/DFS/MS/BP/2010/829 dated 18/03/10
6. Date of inspection:- 16/03/2016
7. Name of the inspecting officer:- Dharampal Bhardwaj, D.O(South) & D.B.Mukherjee, A.D.O.(BCP)
8. Name & designation of officer from the building side: - Mr.Meena Executive Engineer(Elec.), PWD
9. Year of construction:- 2015
10. Applicant's letter No:- 23(18)/EPEDB-141/2016/162 dated 08/03/2016
11. Composition of building: - Basement, ground plus seven upper floors.

Sl.No	Minimum Standards on fire Prevention and fire safety U/R 33	BBL/NBC Requirement	Provided at site	Remarks MR/NMR
<b>1.</b>	<b>Access to Building</b>			
	1) Road width	12m	Provided	MR
	2) Gate width	4.5m	Provided	MR
	3) Width of internal road	6m	Provided	MR
<b>2.</b>	<b>Number, Width Type &amp; Arrangement of Exits</b>			
	<b>A. Number of staircases</b>			
	1. Upper floors	06nos.	Provided	MR
	2. Basements	Stairs- 06nos. Ramps-02 nos.	Provided	MR
	<b>B. Width of staircase</b>			
	1. Upper floors	1.5m	2.38m,2m,2.03m,2.10m,2.04m & 2.09m	MR
	2. Basements	1.5m	2.46m,2.40m,2.40m,2.09m, 2.14m,2m,&Ramp 9mtr each	MR
	<b>C. Protection of exits</b>			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	Required at basement	Provided	MR
	<b>D. No. of continuous staircase to terrace</b>	01 no.	03 nos.	MR
	<b>E. Width of corridor</b>	1.5m	2.41m	MR
	<b>F. Door size</b>	1m	Provided	MR
<b>3.</b>	<b>Compartmentation</b>			
	1) Fire check door	Required	Provided	MR
	2) Sealing of electrical shafts	Required	Provided	MR
	3) Fire rating of shaft door	02 hrs	Provided	MR
	4) Water curtain	N/A	N/A	N/A
	5) Fire Dampers	N/A	N/A	N/A
<b>4.</b>	<b>Smoke Management System</b>			
	1) Basements	30 a/c per hour	Provided	MR
	2) Upper floors	12 a/c per hour	Natural ventilation	MR
<b>5.</b>	<b>Fire Extinguishers</b>			
	1) Total numbers	ISI Marked	72Nos	MR
	2) Types		ABC, Co2	MR
	3) ISI marking		Yes	MR

<b>6.</b>	<b>First-Aid Hose Reel</b>			
	1) Total number of each floor	05 nos.	Provided	MR
	2) Length of hose reel hose	30m	Provided	MR
	3) Nozzle diameter	5mm	Provided	MR
<b>7.</b>	<b>Automatic Fire Detection &amp; Alarming System</b>			
	1) Type of detectors	Smoke/Heat	Provided	MR
	2) Location of main panel	Ground Floor	Provided	MR
	3) Location of repeater panel	N/A	N/A	N/A
	4) Alternate source of power	Required	Provided	MR
	5) Hooter's Location	Every Floor	Provided	MR
<b>8.</b>	<b>MOEFA</b>	Required	Provided	MR
<b>9.</b>	<b>Public Address System</b>	Required	Provided	MR
<b>10.</b>	<b>Automatic Sprinkler System</b>			
	1) Basement	Required	Provided	MR
	2) Upper floors	Required	Provided	MR
	3) Sprinkler above false ceiling	N/A	N/A	N/A
<b>11.</b>	<b>Internal Hydrants</b>			
	1) Size of riser/down-comer	150mm	Provided	MR
	2) Number of hydrants per floor	05 nos.	Provided	MR
	3) Hose box	05 nos.	Provided	MR
<b>12.</b>	<b>Yard Hydrants</b>			
	1) Total number of hydrants	08nos.	Provided	MR
	2) Hose box	08nos.	Provided	MR
<b>13.</b>	<b>Pumping Arrangement</b>			
	<b>1) Ground level</b>			
	a) Discharge of main pump	02nos.-2850LPM	Provided	MR
	b) Head of main pump	80m	Provided	MR
	c) Number of main pump	02nos	Provided	MR
	d) Jockey pump out put	180 & 280 lpm	Provided	MR
	e) Jockey pump head	96m & 95m	Provided	MR
	f) Stand by pump output	2850 LPM	Provided Diesel Engine	MR
	g) Stand by pump head	80m	Provided	MR
	h) Auto starting/Manual stopping	Required	Provided	MR
	<b>2) Terrace level</b>			
	a) Discharge of pump	900 lpm	Provided	MR
	b) Head of pump	40m	Provided	MR
	c) Power supply	Required	Provided	MR
	d) Auto starting of pump	Required	Provided	MR
<b>14.Captive Water Storage for Fire Fighting</b>				
	1) Underground tank capacity	200 KL	Provided	MR
	a) Draw-off connection	Required	Provided	MR
	b) Fire service inlet	Required	Provided	MR
	c) Access to tank	Required	Provided	MR
	d) Over head tank capacity	20 KL	Provided	MR
<b>15.</b>	<b>Exit Signage.</b>	Required	Provided	MR
<b>16.</b>	<b>Provision of Lifts.</b>			
	a) Pressurization of lift shaft	Required	Provided	MR
	b) Pressurization of lift lobby	Required in basement	Provided	MR
	c) Communication in lift car	Required	Provided	MR
	d) Fireman's switch	Required	Provided	MR
	e) Lift signage	Required	Provided	MR

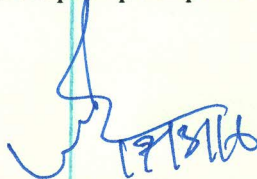
N/12

17.	Standby Power Supply	Required	Provided	MR
18.	Refuge Area			
	Total area	288.76 m <sup>2</sup>	Provided	MR
	Location	6 <sup>th</sup> & 7 <sup>th</sup> Floor	Provided	MR
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) Battery backup	Required	Provided	MR
	e) Building floor plan	Required	Provided	MR
20.	Special Fire Protection System for Protection of special Risk, if any: N/A			

The fire protection system in the building as per directive issued vide letter no. F.6/DFS/MS/BP/2010/829 dated 18/03/10 was found provided & functional at the time of inspection. Shortcomings issued vide letter no. F.6/DFS/MS/SZ/2016/454 dt. 18/02/2016 have been rectified fully.

Keeping in view of the compliance of the minimum standards on fire prevention and fire safety measures as required under the rules 35 of the Delhi Fire Service Rules 2010, issuance of Fire Safety Certificate is recommended.

Accordingly DFA is put up for perusal and signature pl.



Signature of the inspecting officer  
Name : Dharampal Bhardwaj  
Designation : D.O(SZ)



Signature of the inspecting officer  
Name : D.B. Mukherjee  
Designation : A.D.O(BCP)