

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI  
HEADQUARTERS: DELHI FIRE SERVICE: CONNAUGHT PLACE  
NEW DELHI-110 001.

No.F.6/DFS/MS/School/2016/SZ /1530

Dated: 18/10/16

FIRE SAFETY CERTIFICATE

Certified that the **Kamal Institute of Higher Education and Advance Technology** at K-1 Extn., Mohan Garden, New Delhi-110059, comprised of basement, ground floor plus three upper floors, owned/occupied by Kamal Institute of Higher Education and Advance Technology was issued Fire Safety Certificate by this department vide letter F6/DFS/MS/School/2013/SZ/1037 dated 07.10.2013. The School building was re-inspected by the officer concerned of this department on 14.9.2016 in the presence of Sh. P.S Mehta (Admn. Officer) and found that the Kamal Institute of Higher Education and Advance Technology have deemed complied the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and that the building/ premises is fit for occupancy class "Educational" 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 printed as below.

Issued on.....18/10/16..... at New Delhi.

(VIPIN KENTAL)  
CHIEF FIRE OFFICER

18/10/16  
18/10/16

Copy to:-

1. Sh. V.P. Tandon (Chairman),  
Kamal Institute of Higher Education and Advance Technology,  
at K-1 Extn., Mohan Garden, New Delhi-110059
2. The Joint Registrar (Affiliation),  
Guru Gobind Singh Indraprastha University,  
Kashmire Gate, Delhi.

Following fire safety directives must be adhered to:-

1. All the fire safety arrangements provided therein shall be maintained in good working condition at all times.
2. The means of escape shall be kept unlocked and unobstructed for unhindered evacuation of occupants in case of emergency.
3. Any loss of life or property due to non-functional fire safety measures shall be at the risk and responsibility of the management.
4. The trained staff should be available round the clock.
5. Any deviations w.r.t. construction shall be verified by the concerned building sanctioning agency.
6. The certificate may not be treated in any case for the regularization of the unauthorized construction, if any.
7. Basement shall be used as per the building bye laws.
8. The owner/occupier shall submit a declaration every year in the form 'K' provided in the first schedule of Delhi Fire Service Rules 2010, form is available on [www.dfs.delhigovt.nic.in](http://www.dfs.delhigovt.nic.in).
9. The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director in the Form 'J' [sub rule (1) of rule 37] along with a copy of this Certificate, six months prior to its expiry.

**INSPECTION REPORT**

1. Name & address of the building : Kamal Institute of Higher Education and Advance Technology at K-1 Extn., Mohan Garden, New Delhi-110059.
2. Type of Occupancy : Educational
3. Type of Case : Renewal
4. Details of Previous NOC : F6/DFS/MS/School/2013/SZ/1037 dated 07.10.2013
5. Fire Safety directives letter No : N/A
6. Date of inspection : 14.9.2016
7. Name of Inspecting Officer : A.D.O. Sandeep Duggal
8. Name and designation of officers  
From the building side : Sh. P.S Mehta (Admn. Officer)
9. Year of Construction : 2001-2002
10. Applicant's letter No. : Nil dated Nil

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	NBC/BBL Requirement	Provided at site	Remarks MR/NMR
<b>1.</b>	<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>	Old Case Old Case N/A	4.6 mtrs 4.3, 1.8, 1.75 (02 no.'s) mtrs N/A	MR, being old case MR, being old case N/A
<b>2.</b>	<b>Number, Width, Type &amp; Arrangement of Exits</b>			
	a. Number of staircases			
	• Upper Floors	04 No's	04 No's.	MR
	• Basements	02 No's	02 No's	MR
	b. Width of staircases			
	• Upper Floor	150 cms	150, 150, 105 & 96 cms	MR
	• Basements			
	c. Protection of exits			
	• Fire check door	150 cms	150 cms & 150 cms	MR
	• Pressurization			
		N/A	N/A	N/A
	d. No. of continuous staircases to terrace	N/A	N/A	N/A
	e. Width of Corridor			
		Required	One	MR
	f. Door Size	150 cms	180 & 185 cms	MR
		100 cms	114 cms (02 no.'s) Few CR with single door	MR
<b>3.</b>	<b>Compartmentation</b>			
	• Fire check door	N/A	N/A	N/A
	• Sealing of electrical shafts	N/A	N/A	N/A
	• Fire Rating of shaft door	N/A	N/A	N/A
	• Water Curtain	N/A	N/A	N/A
	• Fire Dampers	N/A	N/A	N/A
<b>4.</b>	<b>Smoke Management System</b>			
	• Basements	30 a/c per hour	Exhaust fans are provided	MR
	• Upper floors	12 a/c per hour	Natural ventilation	MR
<b>5.</b>	<b>Fire Extinguishers</b>			
	• Total numbers	30 no.'s	Provided	MR
	• Types	ABC/CO <sub>2</sub> type	Provided	MR
	• IS marking	ISI marked	ISI marked	MR
<b>6.</b>	<b>First-Aid Hose Reels</b>			
	• Total numbers on each floor	One	Provided	MR
	• Length of hose reel hose	30 mtrs	Provided	MR
		5	Provided	MR



<b>7.</b>	<b>Automatic fire detection and alarming system</b>			
	<ul style="list-style-type: none"> <li>Type of detectors</li> </ul>	N/A	N/A	N/A
	<ul style="list-style-type: none"> <li>Location of Main Panel</li> </ul>	N/A	N/A	N/A
	<ul style="list-style-type: none"> <li>Location of Repeater Panel</li> </ul>	N/A	N/A	N/A
	<ul style="list-style-type: none"> <li>Alternate source of power</li> </ul>	N/A	N/A	N/A
	<ul style="list-style-type: none"> <li>Hooters' Location</li> </ul>	N/A	N/A	N/A
<b>8.</b>	<b>MOEFA</b>			
<b>9.</b>	<b>Public Address System</b>			
		N/A	Provided	N/A
<b>10.</b>	<b>Automatic Sprinkler System</b>			
	<ul style="list-style-type: none"> <li>Basement</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Ground Floor</li> </ul>	N/A	N/A	N/A
	<ul style="list-style-type: none"> <li>Sprinkler above false ceiling</li> </ul>	N/A	N/A	N/A
<b>11.</b>	<b>Internal Hydrants</b>			
	<ul style="list-style-type: none"> <li>Size of riser/down-comer</li> </ul>	N/A	Provided	N/A
	<ul style="list-style-type: none"> <li>Number of hydrants per floor</li> </ul>	N/A	One	N/A
	<ul style="list-style-type: none"> <li>Hose Box</li> </ul>	N/A	One	N/A
<b>12.</b>	<b>Yard Hydrants</b>			
	<ul style="list-style-type: none"> <li>Total number of hydrants</li> </ul>	N/A	One	N/A
	<ul style="list-style-type: none"> <li>Hose Box</li> </ul>	N/A	One	N/A
<b>13.</b>	<b>Pumping Arrangements</b>			
	<ul style="list-style-type: none"> <li>Ground Level <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 out put</li> <li>Jockey pump head</li> <li>Standby Pump out put</li> <li>Standby Pump Head</li> <li>Auto Starting/Manual Stopping</li> </ul> </li> </ul>	N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
	<ul style="list-style-type: none"> <li>Pump House Access</li> </ul>	N/A	N/A	N/A
	<ul style="list-style-type: none"> <li>Terrace level <ul style="list-style-type: none"> <li>Discharge of pump</li> <li>Head of the pump</li> <li>Power Supply</li> <li>Auto Starting of pump</li> </ul> </li> </ul>	Old Case	450 LPM & 180 LPM provided	MR (being old case)
		40 mtrs	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
<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>	N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	Provided	MR
		N/A	N/A	N/A
		Old Case	10000 ltrs Provided	MR (being old case)
<b>15.</b>	<b>Exit Signage.</b>			
		Required	Provided	MR
<b>16.</b>	<b>Provision of Lifts.</b>			
				<b>No Lift</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> <li>Fireman's Grounding Switch</li> <li>Lift Signage</li> </ul>	N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
<b>17.</b>	<b>Standby power supply</b>			
		Required	Provided	MR
<b>18.</b>	<b>Refuge Area.</b>			
	<ul style="list-style-type: none"> <li>Total Area</li> </ul>	N/A	N/A	N/A

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 Plans</li> </ul>	N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
20.	<b>Special Fire Protection System for Protection of special Risks, if any:</b>	N/A	N/A	N/A

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

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 number F6/DFS/MS/School/2013/SZ/1037 dated 07.10.2013 renewal under rule 37 of the Delhi Fire Service Rules 2010 is recommended.

Note:- As per letter no. ZE/M-IV/WZ/10/5132 dated 01.6.2010 (placed at C-27) issued by Zonal Engineer (Works), MCD to The Chairman, Managing Committee, Kamal Institute of Higher Education & Advance Technology, New Delhi-110059 basement of the school is use for Library and Computer Lab.

*Sandeep*  
*19/9/16*

Signature of Inspecting Officer

Name:- Sandeep Duggal

Designation:- Asstt. Divisional Officer

D.O. (South West)

*[Signature]*  
*19/9/16*