

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

No. F6/DFS/MS/SCHOOL/2017/ w2/1678

Dated: 20/11/17

FIRE SAFETY CERTIFICATE

Certified that the Bhatnagar International School(without Auditorium) located at Bhera Enclave, Paschim Vihar, NewDelhi-110087 comprised of Basement, Ground & Four Upper Floors only owned / occupied by Bhatnagar International School, 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 the officer concerned of Fire Service on 13.09.2017 in presence of Mr. Ranjeet Chaudhary (Civil Eng.) and that the building / premises is fit for occupancy class Educational (Group-B) with effect from 20/11/17 for a period of 3 (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 on 20/11/17 at New Delhi by.


(ATUL GARG)
CHIEF FIRE OFFICER.

Copy to :-

1. Authorized Signatory, Bhatnagar International School, Bhera Enclave, Paschim Vihar, NewDelhi-110087.

Following Fire Safety directives must be adhered to:-

1. All the means of escape shall be kept free of obstruction all the time.
2. All the employees shall be acquainted with the use and maintenance of fire equipment's and method of smooth and speedy safe evacuation of occupants in case of emergency.
3. All the fire fighting equipment's shall be maintained in perfect working conditions all the time and any lapse rendering non functional of fire safety measures, management shall be responsible.
4. Any deviation with regards to construction, electrical installation etc. may be got verified from the concerned authorities.
5. The basement shall be used strictly as per the provision of building bye laws.
6. This NOC may not be treated in any case for regularization of unauthorized construction, if any.
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.
8. "The owner / Occupier shall apply for renewal of this Fire Safety Certificate to the Director in Form 'J' [sub rule (1) of rule37] along with a copy of this Certificate, six months prior to its expiry".
9. Auditorium/Multipurpose Hall shall obtain separate FSC.

INSPECTION REPORT

1. Name & address of the building: **Bhatnagar International School,
Bhera Enclave, Paschim Vihar, New Delhi-110087.**
2. Type of Occupancy : **Educational** Basement, Ground & 4
Upper Floors
3. Type of Case : **New**
4. Details of previous NOC : Letter No. : **Nil**
5. Fire Safety directives Letter No. : **NBC (Part-IV)**
6. Date of inspection : **13/09/2017**
7. Name of the Inspecting Officer : **A.K. Jaiswal (ADO JWP)**
8. Name and designation of Officer
from the building side : **Mr. Ranjeet Chaudhary (Civil Eng.)**
9. Year of Construction : **2015-16**
10. Applicant's letter No. : **Bis/PV/2017/2299 dated 27/07/2017**

S No	Minimum standards on fire prevention and fire safety U/R 33	NBC (Part-IV) Requirements	Provided at site	Remarks MR/NMR
1.	Access of building			
	• Road width	6 mtr	60 mtr	MR
	• Gate width	4.5 mtr	4.5 mtr	MR
	• Width of internal road	6 mtr	6 mtr	MR
2.	Number, width, Type & Arrangements of exits			
	a. Number of staircases			
	• Upper floors	4	4	MR
	• Basements	4	4 & 2 Ramp	MR
	Width of staircases			
	• Upper floors	1.50 mtr	1.50 mtr x 4	MR (as scarting has been removed)
	• Basements	1.50 mtr	1.50 mtr x 4, 2 ramps of 3.50 mtr each	MR
	Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	Provided	MR
	b. No of continuous staircase to terrace	2	2	MR
	c. Width Of Corridor	1.50 mtr	2.00 mtr	MR
	d. Door Size	1.00 mtr	1.00 mtr x 2	MR
3.	Compartmentation			
	• Fire check door	Required	Provided	MR
	• Sealing of electrical shafts	Required	Provided	MR
	• Fire Rating of shaft door	NR	NR	NR
	• Water Curtain	NR	NR	NR
	• Fire Dampers	NR	NR	NR
4.	Smoke managements System			
	• Basements	30 a/c per hour	Provided	MR
	• Upper floors	12 a/c per hour	Provided	MR
5.	Fire Extinguishers			

	• Total numbers on each floor	4	4	MR
	• Length of hose reel hose	30 Mtr.	30 Mtr.	MR
	• Nozzle diameter	5 mm	5 mm	MR
7.	Automatic fire detection and alarming system			
	• Type of detector	NR	Provided	NR
	• Location of Main Panel	NR	GF	NR
	• Location of Repeater	NR	NR	NR
	• Panel	NR	NR	NR
	• Alternate source of power	NR	NR	NR
	• Hooters' Location	NR	NR	NR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	• Basements	Required	Provided	MR
	• Upper Floor	NR	NR	NR
	• Sprinkler above false ceiling	NR	NR	NR
11.	Internal Hydrants			
	• Size of riser/down-comer	100 mm	100 mm	MR
	• Number of hydrants per floor	4	4	MR
	• Hose Box	4	4	MR
12.	Yard Hydrants			
	• Total number of hydrants	Required	Provided	MR
	• Hose Box	Required	Provided	MR
13.	Pumping Arrangements			
	• Ground Level			
	• Discharge of main pump	2280 LPM	2280 LPM	MR
	➤ Head of main pump	60 MH	60 MH	MR
	➤ Number of main pumps	1	1	MR
	➤ Jockey pump out put	180 LPM	180 LPM	MR
	➤ Jockey pump head	60 MH	60 MH	MR
	➤ Standby Pump out put	2280 LPM	2280 LPM	MR
	➤ Standby Pump Head	60 MH	60 MH	MR
	➤ Auto Starting/Manual stopping	Required	Provided	MR
	➤ Pump House Access	NR	NR	NR
	• Terrace level			
	➤ Discharge of pump	900 LPM	900 LPM	MR
	➤ Head of the pump	40 MH	40 MH	MR
	➤ Power supply	Required	Provided	MR
	➤ Auto starting of pump	Required	Provided	MR
14.	Captive water Storage for fire fighting			
	• Under ground tank capacity	1,00,000 ltr	1,00,000 ltr	MR
	➤ Draw of connection	Required	Provided	MR
	➤ Fire service inlet	Required	Provided	MR
	➤ Access to tank	Required	Provided	MR
	• Overhead Tank capacity	25,000 Ltr.	25,000 Ltr.	MR

15	Exit Signage	Required	Provided	MR
16.	Provision of Lifts			
	➤ Pressurization of Lift Shaft	Required	Provided	MR
	➤ Pressurization of lift lobby	Required	Provided	MR
	➤ Communication in lift Car	Required	Provided	MR
	➤ Fireman's Grounding Switch	Required	Provided	MR
	➤ Lift Signage	Required	Provided	MR
17.	Standby power supply	Required	Provided	MR
18.	Refuge Area			
	➤ Total area	NR	NR	NR
	➤ Location	NR	NR	NR
19.	Fire control room			
	➤ Detector system panel	NR	NR	NR
	➤ Flow Switch Panel	NR	NR	NR
	➤ PA System Panel	NR	NR	NR
	➤ Battery backup	NR	NR	NR
	➤ Building Floor Plans	NR	NR	NR
20.	Special Fire Protection Systems for Protection of special Risks, if any;	NR	NR	NR

Note:- General requirements for schools as per NBC (Part-IV) / Director of Education circular dated 01/03/2011.

1. Escape route:- Clear
2. LPG cylinders in laboratories :- Nil
3. Electric wiring:- Conduit Wiring MCB and ELCB.....
Electric circuit:- MCB Provided
4. Electric meter board / switch board panel.:-Not Under the staircase
5. Basement use as per BBL 1983 :- N/A
6. Emergency telephone no. board :- Displayed
7. Generator set :- NA

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

Keeping in view of the substantial compliance of the minimum standards of fire prevention and fire safety required under the rules it is recommended to grant Fire Safety Certificate under rule 35 of the Delhi Fire Service Rules 2010 is recommended.

D.O./100

Mukherjee 18/8/17

Dy. CEO

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Ashok Kumar Jaiswal
18/9/2017

Signature of the Inspecting Officer
Name : Ashok Kumar Jaiswal
Designation : A.D.O. (Jwala Puri)

21/9/17