## GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI HEADQUARTERS: DELHI FIRE SERVICE: CANNAUGHT PLACE NEW DELHI- 110 001

No.F6/DFS/MS/School/2018/

793

Dated: 23/05/18

## FIRE SAFETY CERTIFICATE

(Vipin Kental) Chief Fire Officer

To,

The Manager M/s Baalpan Public Model School F-280 Street No. 10, Shastri Park, Delhi-110053

Copy:-

The Dy. Director of Education, B–Block, Yamuna Vihar, Delhi-110053

## **CONDITIONS:**

- 1. All the means of escape shall be kept free of all type of obstruction all the time.
- All the employees shall be acquainted with the use and maintenance of all fire equipments and method of smooth and speedy safe evacuation of occupants in case of emergency.
- 3. All the fire fighting equipments shall be maintained in perfect working condition all the time and any lapse rendering non-functional of fire safety measures, management shall be responsible.
- 4. Any deviation, with regards to construction, ventilation, occupancy, electric installation etc. may be got verified from the concerned authorities.
- 5. This Fire Safety Certificate may not be treated in any case for regularizations of unauthorized construction /unauthorized use of land if any.
- 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
- 7. The owner / occupier shall apply for renewal of this Fire Safety Certificate of the Director in Form 'J' [sub rule (1) of rule (37)] along with a copy of this Certificate, Six Months prior to its expiry.

ADO This

1. Name & address of the building : Baalpan Public Model School,

F-280 Street No. 10, Shastri Park, Delhi-110053

2. Building is comprised of : Ground plus three upper floors

3. Type of Occupancy : Educational

Type of Case : New
4. Details of Previous NOC letter : Nil

5. Fire Safety direction letter No : NBC Part IV

6. Date of Inspection : 26/03/2017

7. Name of the Inspecting officers : ADO Vijay Bahadur

8. Name and designation of Officer

from the building side : Mr. Baldev Raj Verma (Manager)

9. Year of Construction : 2004

10. Applicant's letter No : Letter No.Baalpan-F-5-2018, Dated- 16/02/18

Sr. No.	Minimum Standards on Fire Prevention and Fire Safety U/R33	Requirement	Provided at Site	Remarks MR/NMR			
01	Access to Building.						
	Road width	06 mtr.	06 mtr (Encroachment removed)	MR			
	Gate width	N/A	N/A	N/A			
	Width of internal road	N/A	N/A	N/A			
02	Number, Width, Type and Arrange	ment of Exits.					
	a. Number of Staircases						
	<ul> <li>Upper floor</li> </ul>	02 No.	02 Nos.	MR			
	Basement	N/A	N/A.	N/A			
	B. Width of Staircases						
	<ul> <li>Upper floor</li> </ul>	1.50 mtr.	1.10 & 1.52 mtr.	MR			
	<ul> <li>Basement</li> </ul>	N/A	N/A	N/A			
	c. Protection of Exits						
	<ul> <li>Fire check door</li> </ul>	N/A	N/A	N/A			
	<ul> <li>Pressurization</li> </ul>	N/A	N/A	N/A			
	d. No. of Continuous Staircases to Terrace	01 No.	01 No.	MR			
	e. Width of Corridor	1.50 mtr.	1.50 mtr.	MR			
	f. Door Size	01 mtr.	01 mtr.	MR			
03	Compartmentation.						
	Fire check door	N/A	N/A	N/A			
	<ul> <li>Sealing of electrical shafts</li> </ul>	N/A	N/A	N/A			
	<ul> <li>Fire rating of shaft door</li> </ul>	N/A	N/A	N/A			
	<ul> <li>Water curtain</li> </ul>	N/A	N/A	N/A			
	<ul> <li>Fire dampers</li> </ul>	N/A	N/A	N/A			
04	Smoke Management System.						
	Basement	N/A	N/A	N/A			
	<ul> <li>Upper floor</li> </ul>	N/A	N/A	N/A			
05.	Fire Extinguishers.						
	Total numbers	08 nos.	10 nos.	MR			
	Types	ABC /CO <sub>2</sub>	ABC /CO <sub>2</sub>	MR			
	IS marking	ISI marked	ISI marked	MR			

Total numbers on each floor   01 nos.   30 mtr.   30	06	First-Aid-Hose Reels.					
Nozzle diameter		Total numbers on each floor			MR		
Type of detectors					MR		
Type of detectors		AN THE CONTROL OF THE PARTY AND THE PARTY AN	1990 000 19907 000 0000	05 mm	MR		
Location of main panel     Location of repeater panel     Alternate source of power     Alternate source of power     Hooter's location     N/A N/A N/A     N/A N/A      MOEFA     Public Address System.     N/A N/A N/A      Automatic Sprinkler System.      Basement     upper floor     sprinkler above false ceiling     N/A N/A      N/A      N/A N/A      N/A      N/A N/A      N/A      N/A N/A      N	Automatic Fire Detection and Alarming System.						
Location of main panel     Location of repeater panel     Alternate source of power     Hooter's location     N/A		Type of detectors	N/A	N/A	N/A		
■ Alternate source of power     ■ Hooter's location     ■ Hooter's location     ■ MOEFA     ■ N/A			N/A	N/A	N/A		
Hooter's location		<ul> <li>Location of repeater panel</li> </ul>			N/A		
08         MOEFA         N/A         N/A           09         Public Address System.         N/A         N/A           10         Automatic Sprinkler System.         N/A         N/A           • Basement upper floor sprinkler above false ceiling         N/A         N/A           11         Internal Hydrants         N/A         N/A           • Size of riser/down-comer Number of hydrants per floor Number of hydrants per floor Number of hydrants.         N/A         N/A           • Total number of hydrants Number of hydrants Number of hydrants Number of main pump Number Number of main pump Number of			N/A	N/A	N/A		
09         Public Address System.         N/A         N/A           10         Automatic Sprinkler System.           ■ Basement upper floor sprinkler above false ceiling         N/A         N/A           11         Internal Hydrants         N/A         N/A           ■ Size of riser/down-comer N/A Number of hydrants per floor Hose box         N/A         N/A           12         Yard Hydrants.         N/A         N/A           ■ Total number of hydrants Hose box         N/A         N/A           13         Pumping Arrangements.         N/A         N/A           ■ Ground Level         N/A         N/A         N/A           ■ Discharge of main pump Head N/A         N/A         N/A         N/A           ■ Number of main pump Head N/A         N/A         N/A         N/A           ■ Jockey pump out put Head Standby pump head N/A         N/A         N/A         N/A           ■ Standby pump out put Head N/A         N/A         N/A         N/A           ■ Standby pump out put Pump Head N/A         N/A         N/A         N/A           ■ Pump house access N/A         N/A         N/A         N/A           ■ Pump house access N/A         N/A         N/A         N/A           ■ Prescarge of pump Head N/A					N/A		
Basement     upper floor     sprinkler above false ceiling     N/A     N/	08	MOEFA	N/A	N/A	N/A		
Basement upper floor upper floor sprinkler above false ceiling  N/A  Internal Hydrants  size of riser/down-comer N/A N/A N/A  N/A N/A  N/A N/A  N/A  N/	09	Public Address System.	N/A	N/A	N/A		
upper floor     sprinkler above false ceiling     N/A N/A N/A     N/A N/A  13 Pumping Arrangements.  ▶ Ground Level  ▶ Discharge of main pump     N/A N/A N/A      Terrace Level  □ Discharge of pump     Head of the pump     Power supply     Auto starting of pump     Power supply     Auto starting of pump     Nequired Required Requir	10	Automatic Sprinkler System.			2		
Sprinkler above false ceiling   N/A   N/A		Basement	N/A	N/A	N/A		
11 Internal Hydrants		<ul> <li>upper floor</li> </ul>	N/A	N/A	N/A		
size of riser/down-comer Number of hydrants per floor Hose box N/A			N/A	N/A	N/A		
Pumping Arrangements.  Poscept pump head and starting /manual stopping Pump house access Pump head of the pump head head head head head head head head	11	Internal Hydrants					
Number of hydrants per floor Hose box  12 Yard Hydrants.  Total number of hydrants Hose box  N/A N/A N/A N/A N/A N/A N/A N/A N/A N/		size of riser/down-comer	N/A	N/A	N/A		
12 Yard Hydrants.  • Total number of hydrants • Hose box  Pumping Arrangements.  • Ground Level  • Discharge of main pump • N/A • Head of main pump • N/A • Number of main pump • N/A • Jockey pump out put • Standby pump head • Auto starting /manual stopping • Pump house access • Discharge of pump • Head of the pump • Head of the pump • Power supply • Auto starting of pump • Power supply • Auto starting of pump • Head of the pump • Power supply • Auto starting of pump • Head of the pump • Power Supply • Auto starting of pump • Head of the pump • Power Supply • Auto starting of pump • Head of the pump • Power supply • Auto starting of pump • Hoder of connection • Draw-off connection • Fire service inlet • Access to tank • Overhead tank capacity • N/A • Pressurization of lift shaft • Pressurization of lift lobby • Communication in lift car	- e		N/A	N/A	N/A		
Total number of hydrants Hose box  Pumping Arrangements.  Ground Level  Discharge of main pump Head of main pump Head of main pump Jockey pump out put Jockey pump head Standby pump out put Standby pump head Auto starting /manual stopping Pump house access  Terrace Level  Discharge of pump Head of the pump Fries service inlet Access to tank Overhead tank capacity Exit Signage.  Pressurization of lift shaft Pressurization of lift shaft Pressurization in lift car  N/A N/A N/A N/A N/A N/A N/A N/A N/A N/	2		N/A	N/A	N/A		
Hose box Pumping Arrangements.  → Ground Level  Discharge of main pump Head of main pump N/A	12	Yard Hydrants.					
Hose box Pumping Arrangements.  → Ground Level  Discharge of main pump Head of main pump N/A	_	Total number of hydrants	N/A	N/A	N/A		
Pumping Arrangements.    Ground Level		-			N/A		
Discharge of main pump     Head of main pump     Number of main pumps     Number of main pumps     Jockey pump out put     Jockey pump head     Standby pump out put     Standby pump head     Auto starting /manual stopping     Pump house access     Terrace Level      Discharge of pump     Head of the pump     Power supply     Auto starting of pump     Head of starting of pump     Terrace Level      Discharge of pump     Head of the pump     Required	13						
<ul> <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> <li>Pump house access</li> <li>Terrace Level</li> <li>Discharge of pump</li> <li>Head of the pump</li> <li>Power supply</li> <li>Auto starting of pump</li> <li>Head of the pump</li> <li>Auto starting of pump</li> <li>Auto starting of pump</li> <li>Power supply</li> <li>Auto starting of pump</li> <li>Access to tank</li> <li>Draw-off connection</li> <li>Fire service inlet</li> <li>Access to tank</li> <li>Overhead tank capacity</li> <li>Drovision of Lifts.</li> <li>Pressurization of lift shaft</li> <li>Pressurization of lift shaft</li> <li>Pressurization in lift car</li> <li>N/A</li> <li>N/A&lt;</li></ul>		> Ground Level			-		
<ul> <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> <li>Pump house access</li> <li>Terrace Level</li> <li>Discharge of pump</li> <li>Head of the pump</li> <li>Head of the pump</li> <li>Power supply</li> <li>Auto starting of pump</li> <li>Head of the pump</li> <li>Auto starting of pump</li> <li>Auto starting of pump</li> <li>Power supply</li> <li>Auto starting of pump</li> <li>Access to tank</li> <li>Draw-off connection</li> <li>Fire service inlet</li> <li>Access to tank</li> <li>Overhead tank capacity</li> <li>Provision of Lifts.</li> <li>Pressurization of lift shaft</li> <li>Pressurization of lift shaft</li> <li>Pressurization in lift car</li> <li>N/A</li> </ul>		Discharge of main pump	N/A	N/A	N/A		
<ul> <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 out put</li> <li>Standby pump head</li> <li>Auto starting /manual stopping</li> <li>Pump house access</li> <li>Terrace Level</li> <li>Discharge of pump</li> <li>Head of the pump</li> <li>Power supply</li> <li>Auto starting of pump</li> <li>Head of the pump</li> <li>Auto starting of pump</li> <li>Auto starting of pump</li> <li>Auto starting of pump</li> <li>Poraw-off connection</li> <li>Fire service inlet</li> <li>Access to tank</li> <li>Overhead tank capacity</li> <li>N/A</li> </ul>				N/A	N/A		
Jockey pump out put     Jockey pump head     Standby pump out put     Standby pump out put     Standby pump head     Auto starting /manual stopping     Pump house access     Terrace Level      Discharge of pump     Head of the pump     Power supply     Auto starting of pump     Auto starting of pump     Auto starting of pump     Power supply     Auto starting of pump     Auto starting of pump      Captive Water Storage for Fire Fighting.      Underground tank capacity     Draw-off connection     Fire service inlet     Access to tank     Overhead tank capacity     Exit Signage.  Pressurization of lift shaft     Pressurization in lift car  N/A			N/A	N/A	N/A		
Standby pump out put Standby pump head Auto starting /manual stopping Pump house access   Terrace Level  Discharge of pump Head of the pump Power supply Auto starting of pump  Captive Water Storage for Fire Fighting.  Underground tank capacity Draw-off connection Fire service inlet Access to tank Overhead tank capacity Exit Signage.  Pressurization of lift shaft Pressurization of lift lobby Communication in lift car  N/A N/A N/A N/A N/A N/A N/A N/A N/A N/		<ul> <li>Jockey pump out put</li> </ul>			N/A		
Standby pump head Auto starting /manual stopping Pump house access  Pump house access  Terrace Level  Discharge of pump Head of the pump Power supply Auto starting of pump Auto starting of pump  Captive Water Storage for Fire Fighting.  Underground tank capacity Draw-off connection Fire service inlet Access to tank Overhead tank capacity  Exit Signage.  Pressurization of lift shaft Pressurization of lift lobby Communication in lift car  N/A N/A N/A N/A N/A N/A N/A N/A N/A N/		<ul> <li>Jockey pump head</li> </ul>			N/A		
Auto starting /manual stopping Pump house access  Terrace Level  □ Discharge of pump □ Head of the pump □ Power supply □ Auto starting of pump □ Auto starting of pump □ Captive Water Storage for Fire Fighting.  □ Underground tank capacity □ Draw-off connection □ Fire service inlet □ Access to tank □ Overhead tank capacity □ Captive Storage □ Required □ N/A □ Required □ N/A □	2				N/A		
Pump house access  Pump house access  Terrace Level  Discharge of pump Head of the pump Power supply Auto starting of pump Auto starting of pump Auto starting of pump  Power supply Auto starting of pump  Captive Water Storage for Fire Fighting.  Underground tank capacity Draw-off connection Fire service inlet Access to tank Overhead tank capacity Exit Signage.  Provision of Lifts.  Pressurization of lift shaft Pressurization in lift car  N/A N/A N/A N/A N/A N/A N/A N/A N/A N/		* * *			N/A N/A		
➤ Terrace Level  Discharge of pump Head of the pump Power supply Auto starting of pump  Underground tank capacity Fire service inlet Access to tank Overhead tank capacity Exit Signage.  Pressurization of lift shaft Pressurization of lift lobby Communication in lift car  At 50 Lpm.  450 Lpm.  450 Lpm.  450 Lpm.  450 Lpm.  450 Lpm.  450 Lpm.  40 M Required Required Required  Required  N/A N/A N/A N/A N/A N/A N/A N/A N/A N/		•			N/A		
Discharge of pump     Head of the pump     Power supply     Auto starting of pump      Captive Water Storage for Fire Fighting.      Underground tank capacity     Draw-off connection     Fire service inlet     Access to tank     Overhead tank capacity     Provision of Lifts.  Pressurization of lift shaft     Pressurization in lift car      Access to tank     Pressurization in lift car  Provision of Lifts.  Pressurization in lift car  Provision of Lifts at the storage of pump  Ado M  Required  Required  Required  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/			IN/A	TV/A	14// \		
<ul> <li>Head of the pump</li> <li>Power supply</li> <li>Auto starting of pump</li> <li>Captive Water Storage for Fire Fighting.</li> <li>Underground tank capacity</li> <li>Draw-off connection</li> <li>Fire service inlet</li> <li>Access to tank</li> <li>Overhead tank capacity</li> <li>Exit Signage.</li> <li>Pressurization of lift shaft</li> <li>Pressurization of lift lobby</li> <li>Communication in lift car</li> <li>Power supply</li> <li>Required</li> <li>Required</li> <li>Required</li> <li>Required</li> <li>N/A</li> </ul>		refrace Level					
Power supply     Auto starting of pump  14 Captive Water Storage for Fire Fighting.      Underground tank capacity     Draw-off connection     Fire service inlet     Access to tank     Overhead tank capacity     Exit Signage.  Pressurization of lift shaft     Pressurization of lift lobby     Communication in lift car  Required Required Required Required Required Required Required N/A		Discharge of pump			MR		
Auto starting of pump      Auto starting of pump      Captive Water Storage for Fire Fighting.      Underground tank capacity     Draw-off connection     Fire service inlet     Access to tank     Overhead tank capacity      Exit Signage.  Provision of Lifts.  Pressurization of lift shaft     Pressurization of lift lobby     Communication in lift car  Required  Required  Required  N/A  N/A  N/A  Required  Required  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/					MR		
14 Captive Water Storage for Fire Fighting.   • Underground tank capacity • Draw-off connection • Fire service inlet • Access to tank • Overhead tank capacity  15 Exit Signage.  16 Provision of Lifts.  • Pressurization of lift shaft • Pressurization of lift lobby • Communication in lift car					MR MR		
<ul> <li>Underground tank capacity</li> <li>Draw-off connection</li> <li>Fire service inlet</li> <li>Access to tank</li> <li>Overhead tank capacity</li> <li>Exit Signage.</li> <li>Provision of Lifts.</li> <li>Pressurization of lift shaft</li> <li>Pressurization of lift lobby</li> <li>Communication in lift car</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> </ul>	14		Required	Required	IVIE		
Draw-off connection     Fire service inlet     Access to tank     Overhead tank capacity      Exit Signage.  Provision of Lifts.  Pressurization of lift shaft     Pressurization of lift lobby     Communication in lift car  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/	14		AI/A	K1/A	NI/A		
Fire service inlet Access to tank Overhead tank capacity  15 Exit Signage.  Provision of Lifts.  Pressurization of lift shaft Pressurization of lift lobby Communication in lift car  N/A N/A N/A N/A N/A N/A N/A N/A N/A N/					N/A N/A		
Access to tank     Overhead tank capacity     Required     Required     Provision of Lifts.  Pressurization of lift shaft     Pressurization of lift lobby     Communication in lift car  N/A					N/A N/A		
Overhead tank capacity  10,000 Ltr.  15 Exit Signage.  Required  Provision of Lifts.  Pressurization of lift shaft Pressurization of lift lobby Communication in lift car  10,000 Ltr. 10,000 Ltr. 10,000 Ltr. N/A Required  N/A N/A N/A N/A N/A	-				N/A		
15 Exit Signage. Required Required  16 Provision of Lifts.  Pressurization of lift shaft Pressurization of lift lobby Communication in lift car					MR		
Pressurization of lift shaft     Pressurization of lift lobby     Communication in lift car	15				MR		
Pressurization of lift lobby     Communication in lift car	16						
Pressurization of lift lobby     Communication in lift car		Drocouriestian of lift shoft	Ν/Δ	N/A	N/A		
Communication in lift car     N/A     N/A					N/A		
Communication in int car					N/A		
<ul> <li>Firemen's grounding switch</li> <li>N/A</li> <li>N/A</li> </ul>				N/A	N/A		
Lift signage     N/A     N/A	120				N/A		

17	Standby Power Supply	N/A	N/A	N/A			
18	Refuge Area.			175			
	Total area	N/A	N/A	N/A			
147	<ul> <li>Location</li> </ul>	N/A	N/A	N/A			
19	Fire Control Room						
	Detector system panel	N/A	N/A	N/A			
	<ul> <li>Flow switch panel</li> </ul>	N/A	N/A	N/A			
	PA system panel	N/A	N/A	N/A			
	Battery backup	N/A	N/A	N/A			
	Building floor plans	N/A	N/A	N/A			
20	Special Fire Protection Systems for Protection of Special Risks, if Any:	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. The shortcomings communicated earlier vide letter No. F6/DFS/MS/School/2016/2137 dated 07/09/16. have been refified now.

Keeping in view the compliance of the minimum standards on fire prevention and fire safety required under the NBC Part-IV, it is recommended to issue Fire Safety Certificate.

Signature of the Inspecting Officer

Name

:- Vijay Bahadur

Designation

:- A.D.O

DYLPOMPZ.

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Spoken

FT/O, Well.

M.S.Cell.

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