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

No. F6/DFS/ms/school/NO2/2017/13/2

Dated: 30 | 08 | 17

## **FIRE SAFETY CERTIFICATE**

Certified that the Kala Niketan International School running on ground plus two upper floors of building is Comprised of basement ground plus two upper floors at Main Road, Gazipur Delhi, owned/occupied by Shimla Education & Walfare Society (Regd.) 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 16/08/17 in the presence of Mrs. Shimla Rai (Principal) of the school and that the ground plus two upper floors building is fit for occupancy class B' Educational Building' with effect from Delhi Fire Service of three years in accordance with the 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 overleaf.

Issued on.....at New Delhi by

(Vipin kental) Chief Fire Officer Delhi Fire Service

To,

The Principal, Kala Niketan International School , Main Road, Gazipur Delhi,

Copy:-

General Secretary, Shimla Education & Walfare Society (Regd.),283, Durgapuri Extn.,Delhi-93.

## **CONDITIONS:**

1. All the means of escape shall be kept free of all type of obstruction all the time.

2. 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

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. 6. Basement shall be used as per B.B.L.

7. The owner / occupier shall submit a declaration every year in form 'K' provided in the first schedule of Delhi Fire Service Rule 2010. www.dfs.delhigovt.nic.in The form is

1. Name & address of the building

: Kala Niketan International School at Main Road,

Gazipur, Delhi.

2. Building is comprised of

: B+G+2 upper floors. (Basement is not used for School)

3. Type of Occupancy

: Educational

4. Type of Case

: Renewal

5. Details of Previous FSC letter

: F6/DFS/MS/2006/3130 dt-18/08/06

6. Fire Safety direction letter No

: Nil

7. Date of Inspection

: 16/08/17

8. Name of the Inspecting officers

: ADO R.K. Yadav

9. Name and designation of Officer:

from the building side

: Mrs. Shimla Rai (Principal)

10. Year of Construction

: 2006

11. Applicant's letter No

: KIS/62 Dated- 15/07/17

Access to building	S.	Minimum Standards on fire	NBC Part-IV	Provided at	Remarks		
Road width     Gate width     Width of internal road     Number, Width, Type and Arrangement of Exits     a. Number of Staircases     Upper Floor     Basement     B. Width of Staircases     Upper Floor     Basement     C. Protection of exits     Fire check door     Pressurization     d. No. of continuous staircases to terrace     e. Width of Corridor     f. Door Size     Compartmentation.      Fire check door     Width of Corridor     f. Door Size     Compartmentation.      Fire check door     Sealing of electrical shafts     Fire Dampers     N/A     N/A	N	prevention and fire safety U/R33	Requirement	Site	MR/NMR		
■ Gate width     ■ Width of internal road     ■ Width of internal road     ■ N/A N/A N/A N/A      ■ Number, Width, Type and Arrangement of Exits     ■ a. Number of Staircases     ■ Upper Floor     ■ Basement     B. Width of Staircases     ■ Upper Floor     ■ Basement     ■ Upper Floor     ■ Basement     ■ Basement     ■ Basement     ■ Basement     ■ Basement     ■ Basement     ■ Discourse of Exits     ■ Fire check door     ■ Pressurization     ■ N/A N/A N/A N/A     ■ Sealing of electrical shafts     ■ Fire rating of shaft door     ■ Water curtain     ■ Water curtain     ■ Fire Dampers     ■ Basement     ■ Basement     ■ Basement     ■ N/A N/A N/A N/A     ■ N/A N/A N/A N/A     ■ Smoke Management System.     ■ Basement     ■ Basement     ■ 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     ■ 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 N/A     ■ N/A	1	Access to building					
Width of internal road			E 16 102 881	06 m.	MR		
Number, Width, Type and Arrangement of Exits		AND AND A STATE OF THE STATE OF	4.5 m.	4.5 m.	MR		
a. Number of Staircases		• Width of internal road	N/A	N/A	N/A		
Upper Floor	2	Number, Width, Type and Arrangement of Exits					
Basement     B. Width of Staircases		a. Number of Staircases					
B. Width of Staircases  Upper Floor  Basement  Basement  Discrete Check door Pressurization Discrete Corridor Door Size  Compartmentation.  Fire check door Sealing of electrical shafts Fire rating of shaft door Water curtain Fire Dampers  Basement  Discrete Check door Sealing of lectrical shafts Fire Dampers  Basement  Basement  Discrete Check door N/A		<ul> <li>Upper Floor</li> </ul>	02Nos.	03Nos.	MR		
■ Upper Floor     ■ Basement     ■ Basement     ■ Basement     ■ Basement     ■ Fire check door     ■ Pressurization     ■ N/A N/A N/A     ■ Sealing of electrical shafts     ■ Fire rating of shaft door     ■ Water curtain     ■ Fire Dampers     ■ Basement     ■ Basement     ■ Basement     ■ Upper floor     ■ N/A N/A N/A		<ul> <li>Basement</li> </ul>	02Nos.	02Nos.	MR		
Basement		B. Width of Staircases		8			
C. Protection of exits		Upper Floor	1.50 m.		MR		
<ul> <li>Fire check door</li> <li>Pressurization</li> <li>N/A</li> </ul>		Basement	1.50 m.		MR		
Pressurization     d. No. of continuous staircases to terrace     e. Width of Corridor     f. Door Size	2.	c. Protection of exits					
d. No. of continuous staircases to terrace e. Width of Corridor f. Door Size  O1 m.  O1 m.  O1 m.  MR  1.50m.  MR  1.50m.  MR  O1 m.  O1 m.  MR  Compartmentation.  Fire check door Sealing of electrical shafts Fire rating of shaft door Water curtain Fire Dampers  M/A  M/A  M/A  M/A  M/A  M/A  M/A  M/		Fire check door	N/A	N/A	N/A		
d. No. of continuous staircases to terrace e. Width of Corridor f. Door Size  O1 m.  O1 m.  O1 m.  MR  Compartmentation.  Fire check door Sealing of electrical shafts Fire rating of shaft door Water curtain Fire Dampers  MR  O1 m.  O1 m.  MR  O1 m.  MR  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/		<ul> <li>Pressurization</li> </ul>	N/A	N/A	N/A		
e. Width of Corridor   1.50m.   1.50m.   MR     f. Door Size			01 No.	01 No.	MR		
Sealing of electrical shafts			1.50m	1 50m	MD		
3         Compartmentation.           • 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           4         Smoke Management System.           • Basement         N/A         N/A         N/A           • Upper floor         N/A         N/A         N/A				2			
<ul> <li>Fire check door</li> <li>Sealing of electrical shafts</li> <li>Fire rating of shaft door</li> <li>Water curtain</li> <li>Fire Dampers</li> <li>M/A</li> </ul>			01 m.	01 m.	MR		
<ul> <li>Sealing of electrical shafts</li> <li>Fire rating of shaft door</li> <li>Water curtain</li> <li>Fire Dampers</li> <li>N/A</li> </ul>	3						
<ul> <li>Fire rating of shaft door</li> <li>Water curtain</li> <li>Fire Dampers</li> <li>N/A</li> </ul>		<ul> <li>Fire check door</li> </ul>		N/A	N/A		
<ul> <li>Water curtain</li> <li>Fire Dampers</li> <li>M/A</li> <li>N/A</li> </ul>		<ul> <li>Sealing of electrical shafts</li> </ul>		N/A	N/A		
● Fire Dampers         N/A         N/A         N/A           4 Smoke Management System.         N/A         N/A         N/A           ● Basement         N/A         N/A         N/A           ● Upper floor         N/A         N/A         N/A		<ul> <li>Fire rating of shaft door</li> </ul>		N/A	N/A		
4         Smoke Management System.           • Basement         N/A         N/A         N/A           • Upper floor         N/A         N/A         N/A		Water curtain			N/A		
<ul> <li>Basement</li> <li>Upper floor</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> </ul>			N/A	N/A	N/A		
<ul> <li>Basement</li> <li>Upper floor</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> </ul>	4	Smoke Management System.	8				
			N/A	N/A	N/A		
5 Fire Extinguishers		Upper floor	N/A	N/A	N/A		
5.   Fire Extinguishers	5.	Fire Extinguishers		•			
Total numbers			10 nos.	10 nos.	MR		
types     ABC /CO <sub>2</sub> ABC /CO <sub>2</sub> MR		• types	ABC /CO <sub>2</sub>	ABC /CO <sub>2</sub>	MR		
IS marking					MR		

6	First-aid-Hose Reels.	1 Nos.	Provided	MR
	Total numbers of each floor	30mtr.	Provided	MR
	Length of hose reel hose		Provided	MR
	Nozzle diameter	05mm	Provided	IVIIX
7	Automatic fire detection and alarm	ing system.	NI/A	N/A
	Type of detectors	N/A	N/A	W CARDON BA
	Location of main panel	N/A	N/A	N/A
	<ul> <li>Location of repeater panel</li> </ul>	N/A	N/A	N/A
	<ul> <li>Alternate source of power</li> </ul>	N/A	N/A	N/A
	Hooter's location	N/A	N/A	N/A
8	MOEFA	N/A	N/A	N/A
9	Public address System.	Required	Provided	MR
10	Automatic Sprinkler System.			
	Basement	Required	Provided	MR
	<ul> <li>upper floor</li> </ul>	N/A	N/A	N/A
	<ul> <li>sprinkler above false ceiling</li> </ul>	N/A	N/A	N/A
11	Internal Hydrants			
	size of riser/down-comer	100 mm	Provided	MR
4	Number of hydrants per floor	1 Nos.	Provided	MR
	Hose Box	1 Nos.	Provided	MR
12	Yard Hydrants.			
12	Total number of hydrants	N/A	N/A	N/A
	Hose Box	N/A	N/A	N/A
13	Pumping Arrangements.			
10	Ground Level	)		
	> Discharge of main	N/A	N/A	N/A
	Pump			
	Head of Main Pump	N/A	N/A	N/A
	Number of main pumps	N/A	N/A	N/A
	Jockey pump out put	N/A	N/A	N/A
	Jockey pump head	N/A	N/A	N/A
	Standby pump out put	N/A	N/A	N/A
	Standby pump Head	N/A	N/A	N/A
	Auto Starting /Manual stopping	N/A	N/A	N/A
	> Pump House Access	N/A	N/A	N/A
	D: 1 6	450 LPM	Provided	MR
	<ul><li>Discharge of pump</li><li>Head of the Pump</li></ul>	40 M	Provided	MR
	> Power supply	Required	Provided	MR
	> Auto Starting of pump	Required	Provided	MR
14	Captive Water Storage for Fire Fighting.		*	
	Underground tank capacity	50,000 Ltrs	50,000 Ltrs	MR
	> Draw-off connection	N/A	N/A	N/A
	> Fire service inlet	N/A	N/A	N/A
	> Access to tank	N/A	N/A	N/A
	Overhead Tank capacity	10,000 Ltr.	10,000Ltr.	MR
15	Exit Signage.	Required	Provided	MR

<ul> <li>Pressurization of Lift Shaft</li> <li>Pressurization of Lift lobby</li> <li>Communication in lift car</li> <li>Firemen's grounding switch</li> <li>Lift Signage</li> <li>Standby power supply</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
<ul> <li>Communication in lift car</li> <li>Firemen's grounding switch</li> <li>Lift Signage</li> </ul>	N/A N/A N/A	N/A N/A	N/A N/A
<ul> <li>Communication in lift car</li> <li>Firemen's grounding switch</li> <li>Lift Signage</li> </ul>	N/A N/A	N/A N/A	N/A
<ul><li>Firemen's grounding switch</li><li>Lift Signage</li></ul>	N/A	N/A	
Lift Signage			N/A
	N/A	NI/A	
Startuby power suppry		N/A	N/A
Refuge Area.		•	
	N/A	N/A	N/A
	N/A	N/A	N/A
	N/A	N/A	N/A
	Electronic Control of the Control of	N/A	N/A
Special Fire Protection systems for protection of special Risks, if	N/A	N/A	N/A
	for protection of special Risks, if	Location      Location  Fire Control Room     Detector system panel     Flow switch panel     PA system panel     Battery backup     Building Floor Plans  Special Fire Protection systems for protection of special Risks, if	Location     N/A     Location  Fire Control Room     Detector system panel     Flow switch panel     PA system panel     Battery backup     Building Floor Plans  Special Fire Protection systems for protection of special Risks, if  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/

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

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

Signature of the Inspecting Officer

Name R.K.Yadav Designation ADO(LN)

DO(ED)

( hand is poor area of school 1899.

Reford ( ) 28/8/12