

**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI**  
**HEADQUARTERS: DELHI FIRE SERVICE: NEW DELHI- 110 001**

No. *F6/DFS/MS/School/2017/52/460*

Dated: *29/03/17*

**FIRE SAFETY CERTIFICATE**

Certified that M/s Carmel Convent School, located at Malcha Marg, Chankyapuri, New Delhi-110021, having two blocks i.e old block comprised of ground plus three upper floors and new block comprised of small basement, ground, mezzanine plus two upper floors, owned/occupied by Carmel Convent School, was granted Fire Safety Certificate by this department vide letter No.F6/DFS/MS/School/2014/SZ/503, dated 22.04.2014. The premises was re-inspected by the officer concerned of this department on 21-03-2017 in the presence of Sister Joviana, Principal of the school and found that the said premises have deemed complied with the fire prevention and fire safety requirements in accordance with Rule 33 of Delhi Fire Service Rules 2010 and that the building is fit for occupancy class-B "Educational" with effect from *29/03/2017* 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 Delhi Fire Service Rules,2010.

Issued on *29/03/2017* at New Delhi by

*28/3*  
(Vipin Kental)

Chief Fire Officer

T. No.011- 23412225

Copy to:-1. Director of Education, Old Secretariat, Civil Lines, Delhi-54.

2. Principal, M/s Carmel Convent School, located at Malcha Marg, Chankyapuri, New Delhi-110021.

**Conditions for the validity of fire safety certificate are as under:-**

1. All the means of escape shall be kept free of all type of obstruction all the time.
2. 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 fire fighting equipments shall be maintained in perfect working condition all 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.
6. 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](http://www.dfs.delhigovt.nic.in).
7. The owner/occupier shall apply for renewal of this Fire Safety Certificate, six month prior to its expiry.

**INSPECTION REPORT**

1	Name & address of the building	M/s Carmel Convent School, located at Malcha Marg, Chankyapuri, New Delhi-110021.
2	Type of Occupancy	Educational Building "B"
3	Type of case	Renewal
4	Details of previous NOC	No.F6/DFS/MS/School/2014/SZ/503, Dated 22.04.2014.
5	Fire safety directives letter No	F6/DFS/MS/BP/97/380, Dated 07.04.1997. For new block only.
6	Date of inspection	21.03.2017.
7	Name of the inspecting Officers	A.D.O. Vedpal.
8	Name and designation of officers from the building side	Sister Joviana, Principal of the school.
9	Building Comprised of	Two Blocks. Old Block=ground plus three upper floors. New Block= Small basement, ground, mezzanine plus two upper floors.
10	Year of construction	Not Known.
11	Applicant's letter No.	No. Nil, Dated 07.03.2017.

S. NO.	Minimum Standards on fire prevention and fire safety U/R 33	Requirements as per initial FSC dt 26.7.11	Provided at site	Remarks MR / NMR
--------	---	--	------------------	------------------

1	<b>Access to building</b>			
	1) Road width	Accessible	15m	MR
	2) Gate width	5m	5m	MR
	3) Width of internal road	N/A		MR
2	<b>Number, width Type &amp; arrangement of exits</b>			N/A

a. Number of staircases	1. Upper floors	Old block=02nos & New block=04nos (02nos upto mezzanine floor, 01no upto 2nd & 01 ramp upto 1st floor & than from 1st to 2nd floor=01no staircase	Old block=02nos & New block=04nos (02nos upto mezzanine floor, 01no upto 2nd & 01 ramp upto 1st floor & than from 1st to 2nd floor=01no staircase	MR(old case)	
	2. basements	01no.(very small basement laying vacant)	01no.	MR(old case)	
	b. Width of staircase	1. Upper floors	1.5m & 75cm	Old block=1.58, 1.37m & New block=1.6 & 1.64 upto mezzanine floor, 1.40m upto 2nd floor & ramp= 1.6m upto 1st floor & than from 1st to 2nd floor staircase=1.5m	MR(old case)
		2. basements	1.25m	1.15m	MR(old case)
	c. Protection of exits	1. Fire check door	N/A	N/A	N/A
		2. Pressurization	N/A	N/A	N/A
	d. No. of continuous staircase to terrace		01no.	01no.	MR
	e. Width of corridor		N/A	1.5m	N/A
	f. Door size		1 Mtr	1Mtr Provided	MR

3	<b>Compartmentation.</b>			
	1. Fire check door	N/A	N/A	N/A
	2. Sealing of electrical shafts	Required	Provided	MR
	3. Fire Rating of shaft door	N/A	N/A	N/A
	4. water curtain	N/A	N/A	N/A
	5. Fire dampers	N/A	N/A	N/A

4	<b>Smoke Management system.</b>			
	basement	30 a/c per hour	12 a/c	N/A
	Upper Floors			N/A
			Natural Ventilation & Exhaust fans in Multipurpose hall	MR

5	<b>Fire Extinguishers</b>			
	total numbers	40nos.	ABC & 44nos	

7	Date of inspection	21.03.2017		
7	Name of the inspecting Officers :	A.D.O. Vedpal.		
8	Name and designation of officers from the building side	Sister Joviana, Principal of the school.		
9	Building Comprised of	Two Blocks. Old Block=ground plus three upper floors. New Block= Small basement, ground, mezzanine plus two upper floors.		
10	Year of construction	Not Known.		
11	Applicant's letter No.	No. Nil, Dated 07.03.2017.		
S. NO.	Minimum Standards on fire prevention and fire safety U/R 33	Requirements as per initial FSC dt 26.7.11	Provided at site	Remarks MR / NMR
1	<b>Access to building</b>			
	1) Road width	Accessible	15m	MR
	2) Gate width	5m	5m	MR
	3) Width of internal road	N/A		N/A
2	<b>Number, width Type &amp; arrangement of exits</b>			
	<b>a. Number of staircases</b>			
	1. Upper floors	Old block=02nos & New block=04nos (02nos upto mezzanine floor, 01no upto 2nd & 01 ramp upto 1st floor & than from 1st to 2nd floor=01no staircase	Old block=02nos & New block=04nos (02nos upto mezzanine floor, 01no upto 2nd & 01 ramp upto 1st floor & than from 1st to 2nd floor=01no staircase	MR(old case)
	2. basements	01no.(very small basement laying vacant)	01no.	MR(old case)
	<b>b. Width of staircase</b>			
	1. Upper floors	1.5m & 75cm	Old block=1.58, 1.37m & New block=1.6 & 1.64 upto mezzanine floor, 1.40m upto 2nd floor & ramp= 1.6m upto 1st floor & than from 1st to 2nd floor staircase=1.5m	MR(old case)
	2. basements	1.25m	1.15m	MR(old case)
	<b>c. Protection of exits</b>			
	1. Fire check door	N/A	N/A	N/A
	2. Pressurization	N/A	N/A	N/A
	<b>d. No. of continuous staircase to terrace</b>	01no.	01no.	MR
	<b>e. Width of corridor</b>	N/A	1.5m	N/A
	<b>f. Door size</b>	1 Mtr	1Mtr Provided	MR
3	<b>Compartmentation.</b>			
	1. Fire check door	N/A	N/A	N/A
	2. Sealing of electrical shafts	Required	Provided	MR
	3. Fire Rating of shaft door	N/A	N/A	N/A
	4. water curtain	N/A	N/A	N/A
	5. Fire dampers	N/A	N/A	N/A
4	<b>Smoke Management system.</b>			
	basement	30 a/c per hour	12 a/c	N/A
	Upper Floors	per hour	Natural Ventilation & Exhaust fans in Multipurpose hall	MR
5	<b>Fire Extinguishers</b>			
	total numbers	40nos.	ABC &	44nos.
	Types	WCO2	ISI Mark	ABC & Water CO2
	ISI marking			ISI Mark

6	<b>First-Aid Hose Reels.</b>			
	total numbers on each floor	03nos	03nos.	MR
	Length of Hose reel hose	30m	30m	MR
	Nozzle Diameter	5mm	5mm	MR
7	<b>Automatic Fire Detection &amp; Alarming System</b>			
	Type of detectors	N/A	N/A	N/A
	location of Main Panel	N/A	N/A	N/A
	location of Repeater panel	N/A	N/A	N/A
	Alternate source of power	N/A	N/A	N/A
	hooter's location	N/A	N/A	N/A
8	<b>MOEFA</b>	Required	Provided	MR
9	<b>Public Address System.</b>	N/A	Provided	N/A
10	<b>Automatic Sprinkler System.</b>			
	basement	N/A (Basement area less than 200 sq. m)	N/A	N/A
	upper floors	N/A	N/A	N/A
	sprinkler above false ceiling	N/A	N/A	N/A
11	<b>Internal Hydrants</b>			
	Size of riser/down-corner	N/A	N/A	N/A
	Number of Hydrants per floor	N/A	N/A	N/A
	hose Box	N/A	N/A	N/A
12	<b>Yard Hydrants.</b>			
	total number of hydrants	N/A	N/A	N/A
	hose box	N/A	N/A	N/A
13	<b>Pumping arrangements</b>			
	<b>1. Ground level</b>	N/A	N/A	N/A
	a. Discharge of main Pump	N/A	N/A	N/A
	b. Head of main pump	N/A	N/A	N/A
	c. Number of main pumps	N/A	N/A	N/A
	d. jockey pump out put	N/A	N/A	N/A
	e. jockey pump head	N/A	N/A	N/A
	f. Standby Pump output	N/A	N/A	N/A
	g. Stanby Pump head	N/A	N/A	N/A
	h. Auto Starting/Manual stopping	N/A	N/A	N/A
	pump house access	N/A	N/A	N/A
	<b>2. Terrace level</b>			
	a. Discharge of pump	Old block=450LPM & New block=900 & 450LPM	Old block=450LPM & New block=900 & 450LPM	MR
	b. head of the pump	40m(each)	40m(each)	MR
	c. Power supply	Required	Provided	MR
	d. Auto starting of pump	Required	Provided	MR
14	<b>Captive water storage for fire fighting</b>			
	1. Underground tank capacity	50000Liters	50000Liters	MR
	a. Draw-off connection	Required	Provided	MR
	b. fire service inlet	N/A	N/A	N/A
	c. Access to tank	Required	Provided	MR
	Over head tank Capacity	Old block=10000 & New block=15000Liters	Old block=10000 & New block=15000Liters	MR
15	<b>Exit Signage.</b>	Required	Provided	MR
16	<b>Provision of lifts.</b>			
	a. Pressurization of lift shaft	N/A	N/A	N/A
	b. pressurization of lift lobby	N/A	N/A	N/A
	c. communication in lift car	N/A	N/A	N/A
	d. Fireman's grounding switch	N/A	N/A	N/A
	e. Lift signage	N/A	N/A	N/A
17	<b>Standby power supply</b>	N/A	N/A	N/A
18	<b>Refuge Area.</b>		Not Required	
	total area	N/A	N/A	N/A
		N/A	N/A	N/A

	Alternate source of power hooter's location	N/A	N/A	N/A
8	MOEFA	Required	Provided	MR
9	Public Address System.	N/A	Provided	N/A
10	Automatic Sprinkler System.			
	basement	N/A (Basement area less than 200 sq. m)	N/A	N/A
	upper floors	N/A	N/A	N/A
	sprinkler above false ceiling	N/A	N/A	N/A
11	Internal Hydrants			
	Size of riser/down-corner	N/A	N/A	N/A
	Number of Hydrants per floor	N/A	N/A	N/A
	hose Box	N/A	N/A	N/A
12	Yard Hydrants.			
	total number of hydrants	N/A	N/A	N/A
	hose box	N/A	N/A	N/A
13	Pumping arrangements			
	1. Ground level	N/A	N/A	N/A
	a. Discharge of main Pump	N/A	N/A	N/A
	b. Head of main pump	N/A	N/A	N/A
	c. Number of main pumps	N/A	N/A	N/A
	d. jockey pump out put	N/A	N/A	N/A
	e. jockey pump head	N/A	N/A	N/A
	f. Standby Pump output	N/A	N/A	N/A
	g. Stanby Pump head	N/A	N/A	N/A
	h. Auto Starting/Manual stopping	N/A	N/A	N/A
	pump house access	N/A	N/A	N/A
	2. Terrace level			
	a. Discharge of pump	Old block=450LPM & New block=900 & 450LPM	Old block=450LPM & New block=900 & 450LPM	MR
	b. head of the pump	40m(each)	40m(each)	MR
	c. Power supply	Required	Provided	MR
	d. Auto starting of pump	Required	Provided	MR
14	Captive water storage for fire fighting			
	1. Underground tank capacity	50000Liters	50000Liters	MR
	a. Draw-off connection	Required	Provided	MR
	b. fire service inlet	N/A	N/A	N/A
	c. Access to tank	Required	Provided	MR
	Over head tank Capacity	Old block=10000 & New block=15000Liters	Old block=10000 & New block=15000Liters	MR
15	Exit Signage.	Required	Provided	MR
16	Provision of lifts.			
	a. Pressurization of lift shaft	N/A	N/A	N/A
	b. pressurization of lift lobby	N/A	N/A	N/A
	c. communication in lift car	N/A	N/A	N/A
	d. Fireman's grounding switch	N/A	N/A	N/A
	e. Lift signage	N/A	N/A	N/A
17	Standby power supply	N/A	N/A	N/A
18	Refuge Area.		Not Required	
	total area	N/A	N/A	N/A
	location	N/A	N/A	N/A


N/12

19	Fire control room			
	a. detector system Panel	N/A	N/A	N/A
	b. Flow switch Panel	N/A	N/A	N/A
	c. PA system Panel	N/A	N/A	N/A
	d. Batter backup	N/A	N/A	N/A
	e. Building floor plans	N/A	N/A	N/A

20 Special Fire Protection systems for protection of special risks, if any: N/A

The fire protection systems provided in the building were test checked at random and found functional at the time of inspection. In view of the deemed compliance of the minimum standards on fire prevention and fire safety required under the rules, the FSC issued vide letter No: F6/DFS/MS/School/2014/SZ/503, dated 22.04.2014, renewal under rule 37 of the Delhi Fire Service Rule 2010 is recommended.

Accordingly DFA is put up for your approval and signature please.



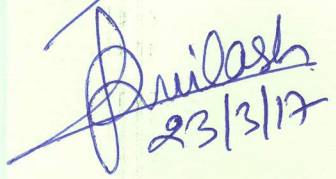
22/3/17

Signature of the inspecting officer

Name: Vedpal

Designation : ADO

~~D.O. (S.D.)~~



23/3/17