

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

No. F6/DFS/MS/School/2016/SZ / 1326

Dated: 31/08/16

FIRE SAFETY CERTIFICATE

Certified that the **The British School located at Chanakyapuri, New Delhi**, comprised of **Two tier basement + Ground & 4 upper floors** owned/occupied by The British School Society has already been issued FSC for 1st Phase school building by this department vide letter No. F6/DFS/MS/School/2014/622 dated 20/05/14. The school was again inspected by the officer concerned of this department on 08/08/16 in the presence of **Mr. N Sethurama Subramanian (Chief Operations Manager)** and found that the said premises have deemed complied with the fire prevention and fire safety requirements in accordance with Rule 33 of the Delhi Fire Service Rules, 2010 and that the premises is fit for occupancy class **Group "B" Educational Building up to Sr. Secondary Level excluding Auditorium** with effect from...31/08/16 for a period of **Three years** in accordance with Rule 36 unless renewed under Rule 37 or sooner cancelled under Rule 40 and subjected to compliance of the conditions under Rule 38 of the Delhi Fire Service Rules, 2010.

Issued on ...31/08/16... at New Delhi by


(Vipin Kental)
Chief Fire Officer
Tel: 011-23412225

Copy to:-

1. Mr. N Sethurama Subramanian (Chief Operations Manager), The British School, Chanakyapuri, New Delhi.
2. The Directorate of Education, MCD Civic Centre Minto Road, New Delhi.

Conditions for the validity of fire safety certificate:

1. All the means of escape/entry/exit shall be kept free from any obstruction.
2. All the fire safety arrangements provided therein shall be maintained in good working condition at all time as seen during inspection. Any loss of life or property due to non-functional fire safety measures shall be at the responsibility of the management.
3. All the staff members must know the correct method of operation of firefighting system.
4. 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
5. This fire safety certificate may not in any way be treated as regularization of unauthorized construction, if any.
6. "The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director in Form 'J' [sub rule (1) of rule 37] along with a copy of this Certificate, six months prior to its expiry."
7. This FSC is not valid for Auditorium.

INSPECTION REPORT

1. Name & address of the building : The British School located at Chanakyapuri, New Delhi
2. Type of Occupancy : **Group "B" Educational Building up to Sr. Secondary Level**
3. Type of Case : New case [**Two tier basement + Ground & 4 upper floors (Excluding Auditorium)**]
4. Details of Previous NOC : F6/DFS/MS/School/2014 dated 20/05/14 (for 1st Phase only)
5. Fire Safety directives letter No : F6/DFS/MS/BP/2011/2028 dated 19/08/11
6. Date of inspection : 08/08/2016
7. Name of Inspecting Officer : A. K. Malik
8. Name and designation of officers from the building side : Mr. N Sethurama Subramanian (Chief Operations Manager)
9. Year of Construction : 2014 (Phase-I) and 2016 (Phase-II)
10. Applicant's letter No. : Nil, outdoor diary no. 7424 dated 27/07/16

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	Requirement NBC	Provided at site	Remarks MR/NMR
1.	Access to building			
	<ul style="list-style-type: none"> • Road width • Gate width • Width of internal road 	<p align="center">12m 4.5m 6m</p>	<p align="center">30m 6m 6m</p>	<p align="center">MR MR MR</p>
2.	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	<ul style="list-style-type: none"> • Upper Floors • Basements 	<p align="center">8 4</p>	<p align="center">12 5 in UB & 3 in LB</p>	<p align="center">MR MR</p>
	b. Width of staircases			
	<ul style="list-style-type: none"> • Upper Floor • Basements 	<p align="center">8x1.5m +3x2m 3x1.5m+1x2m+1 ramp</p>	<p align="center">8x1.5m +4x2m (G to 1st) 9x1.5m + 4x2m (1st to 2nd) 8x1.5m + 4x2m (3rd to 4th) 4x1.5m + 1x2m + 1 ramp in UB 2x1.5m + 1x2m + 1 ramp in LB</p>	<p align="center">MR MR</p>
	c. Protection of exits			
	<ul style="list-style-type: none"> • Fire check door • Pressurization 	<p align="center">Required Required</p>	<p align="center">Provided Provided</p>	<p align="center">MR MR</p>
	d. No. of continuous staircases to terrace	<p align="center">8 No's</p>	<p align="center">7x1.5m + 1x2m</p>	<p align="center">MR</p>
	Width of Corridor	<p align="center">-NA-</p>	<p align="center">2m</p>	<p align="center">-NA-</p>
	f. Door Size	<p align="center">1m x 2 No's</p>	<p align="center">1m x 2 No's</p>	<p align="center">MR</p>
3.	Compartmentation			
	<ul style="list-style-type: none"> • Fire check door • Sealing of electrical shafts • Fire Rating of shaft door • Water Curtain • Fire Dampers 	<p align="center">Required Required 2h Required Required</p>	<p align="center">Provided Provided 2h Provided Provided</p>	<p align="center">MR MR MR MR MR</p>
4.	Smoke Management System			
	<ul style="list-style-type: none"> • Basements • Upper floors 	<p align="center">30 ACPH NA (open corridor)</p>	<p align="center">Provided -NA-</p>	<p align="center">MR -NA-</p>
5.	Fire Extinguishers			
	<ul style="list-style-type: none"> • Total numbers • Types • IS marking 	<p align="center">100 No's ISI Marked</p>	<p align="center">120-No's ABC-60 CO₂/W.CO₂ -60</p>	<p align="center">MR MR MR</p>
6.	First-Aid Hose Reels			
	<ul style="list-style-type: none"> • Total numbers on each floor • Length of hose reel hose • Nozzle diameter 	<p align="center">LB & UB - 4,G to 2nd - 09, 3rd & 4th -08 30m 5mm</p>	<p align="center">Provided 30m 5mm</p>	<p align="center">MR MR MR</p>

	<ul style="list-style-type: none"> Type of detectors Location of Main Panel Location of Repeater Panel Alternate source of power Hooters' Location 	Smoke & Heat FCR at GF -NA- Required Required	Provided -NA- Provided All Floors	MR -NA- MR MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	<ul style="list-style-type: none"> Basement Ground Floor Sprinkler above false ceiling 	Required -NA- -NA-	Provided Provided -NA-	MR -NA- -NA-
11.	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser/down-comer Number of hydrants per floor Hose Box 	100mm LB & UB - 4,G to 2 nd - 09, 3 rd & 4 th -08 LB & UB - 4,G to 2 nd - 09, 3 rd & 4 th -08	150mm & 100mm Provided Provided	MR MR MR
12.	Yard Hydrants			
	<ul style="list-style-type: none"> Total number of hydrants Hose Box 	04 No's 04 No's	10 No's 10 No's	MR MR
13.	Pumping Arrangements			
	<ul style="list-style-type: none"> Ground Level <ul style="list-style-type: none"> ➤ Discharge of main Pump ➤ Head of Main pump ➤ Number of main pumps ➤ Jockey Pump out put ➤ Jockey pump head ➤ Standby Pump out put ➤ Standby Pump Head ➤ Auto Starting/Manual Stopping 	2280 + 2 x 2850 LPM 70m 3 No's 2 No's of 280 LPM 70m 2850 LPM 70m Required	2280 + 2 x 2850 LPM 70m 3 No's 2 No's of 280 LPM 70m 2850 LPM 70m Provided	MR MR MR MR MR MR MR MR
	<ul style="list-style-type: none"> Terrace level <ul style="list-style-type: none"> ➤ Discharge of pump ➤ Head of the pump ➤ Power Supply ➤ Auto Starting of pump 	900 LPM 40m Required Required	2 x 900 LPM 40m Provided Provided	MR MR MR MR
14.	Captive Water Storage for fire fighting			
	<ul style="list-style-type: none"> Underground tank capacity <ul style="list-style-type: none"> ➤ Draw-off connection ➤ Fire service inlet ➤ Access to tank Overhead Tank capacity 	1,00,000 Lts -NA- -NA- -NA- 25,000 Lts.	-NA- -NA- -NA- -NA- 40,000 Lts.	-NA- -NA- -NA- -NA- MR
15.	Exit Signage.	Required	Provided	MR
16.	Provision of Lifts.			
	<ul style="list-style-type: none"> Pressurization of Lift Shaft Pressurization of Lift lobby Communication In lift Car Fireman's Grounding Switch Lift Signage 	Required Required Required Required Required	Provided Provided Provided Provided Provided	MR MR MR MR MR
17.	Standby power supply	Required	Provided	MR
18.	Refuge Area.			
	<ul style="list-style-type: none"> ➤ Total Area ➤ Location 	-NA- -NA-	-NA- -NA-	-NA- -NA-
19.	Fire Control Room			
	<ul style="list-style-type: none"> Detector System Panel 	Required	Provided	MR

- N/13 -

	• PA System Panel	Required	Provided	MR
	• Battery backup	Required	Provided	MR
	• Building Floor Plans	Required	Provided	MR
20.	Special Fire Protection System for Protection of special Risks, if any:			-NA-

Notes:

1. Eight staircases from ground to terrace are mentioned in the recommendations, however only 5 are marked up to the terrace in approved plans.
2. Four staircases from basement to ground are mentioned in the recommendations, however only 3 are marked in the approved maps at lower basement level. Lower basement is constructed in 2nd phase and 1st phase has only one level of basement. Basement of 1st phase & 2nd phase are connected through ramp as marked on the approved plans.
3. 1st phase basement have two staircase (same is mentioned in earlier inspection report at N/6), whereas only one is marked in the approved sanction plans.
4. The construction of auditorium is still not complete, thus FSC for the same cannot be considered at this stage.

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

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

Accordingly DFA is put up for approval and signature.

Anilash
16/8/16

Signature of Inspecting Officer
Name: A. K. Malik
Designation: DO (SD)

Dy. CFO (SZ)

[Handwritten Signature]
17/8



CFO (SZ)

Kindly see the note portion at N/13. Pl give opinion

CFO PP [Signature]
19/8/16

Accepted
18/8