

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

No. F.6/DFS/MS/Educational/SZ/2018/ 623

Dated: 6/4/18

FIRE SAFETY CERTIFICATE

Certified that **Air Force Bal Bharti School**, located at **Lodhi Road, New Delhi- 110003** comprised of **Senior Block (Ground and 2 Upper Floors)**, **Junior Block (Ground and 2 Upper Floors)**, **Art & Science Block (Ground and 3 Upper Floors)**, **Multipurpose Sports Hall (Ground Floor Only)** are in purview of Rule-27 and **Residence Block (Ground and 3 Upper Floors) & Girls Hostel (Ground and 3 Upper Floors)** are not in purview of Rule-27. The four blocks which are covered under Rule 27 were granted FSC by this department vide letter no. F6/DFS/MS/School/2012/3648 dated 03/10/2012. The premises was re-inspected by the officer concerned of this department on 23/03/2018 in the presence of **Gr. Capt. C. P. Nigam (Administrative Officer)** and found that the building blocks i.e. **Senior Block, Junior Block, Multipurpose Sports Hall and Art & Science Block** of the school have deemed compiled with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and that these three blocks of the premises is fit for occupancy class "**Educational (School)**" with effect from 6/4/2018 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 the Delhi Fire Service Rules, 2010.

Issued on 6/4/18 at New Delhi by


(Vipin Kental)
Chief Fire Officer
Ph.: 011-23412225

Copy to:-

1. Mrs. Mani Shankra (Principal), Air Force Bal Bharti School, located at Lodhi Road, New Delhi- 110003.
2. The Director of Education, Govt. Of NCT of Delhi, Old Secretariat, New Delhi.

Conditions for the validity of fire safety certificate:

1. The space beyond 15m from the central staircase towards the dead end in the Senior Block shall remain out of bond for occupancy till construction of required staircase as undertaken by the school management.
2. All the means of escape/entry/exit shall be kept free from any obstruction.
3. 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.
4. All the staff members must know the correct method of operation of fire fighting system.
5. The owner/ occupier shall submit a declaration **every year** in **Form 'K'** provided in the first schedule of Delhi Fire Service Rules 2010. The forms is available on:
http://www.delhi.gov.in/wps/wcm/connect/doiit_fire/FIRE/Home/Forms
6. This fire safety certificate may not in any way be treated as regularization (Clause 2.8 of UBBL- 2016) of unauthorized construction or Alteration (Clause 1.4.3 of UBBL-2016), if any.
7. "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."

The file was sent by CFO (SZ) on 23/03/2018 with a telephonic instruction to inspect the premise on the same day and to check the compliance of the shortcomings already communicated vide letter no. F6/DFS/MS/Educational/SZ/2017/1551 dated 16/06/2017 and to consider individual blocks for issue of FSC under Rule 37 of DFS Rules-2010, if the shortcomings are complied. The inspection was conducted on 23/03/2018 and the inspection report is as under:-

INSPECTION REPORT

1. Name & address of the building : Air Force Bal Bharti School, Lodhi Road, New Delhi-110003
2. Type of Occupancy : Group-B Educational (School)
3. Type of Case : Renewal
4. Details of Previous NOC : F6/DFS/MS/School/2012/3648 dated 03/10/2012
5. Fire Safety directives letter No : FC/DFS/MS/BP/91/344 dated 05/03/91 & F6/DFS/MS/BP/92/1472 dated 10/08/92
6. Date of inspection : 23/03/2018
7. Name of Inspecting Officer : A.K. Malik
8. Name and designation of officers
From the building side : Gr. Capt. C. P. Nigam (Administrative Officer)
9. Year of Construction : 1987 **[Ground Floor Only]**
10. Applicant's letter No. : outdoor diary no 3880 dated 08/03/2018

[Senior Block (G+2UF), Junior Block (G+2UF), Art & Science Block (G+3UF), Multipurpose Sports Hall (GF) are in purview of Rule-27]

[Residence Block (G+3UF) & Girls Hostel (G+3UF) are not in purview of Rule-27]

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	BBL/NBC Requirement	Provided at site	Remarks MR/NMR
1.	Access to building			
	<ul style="list-style-type: none"> • Road width • Gate width • Width of internal road 	9m 5m NA	Provided Provided NA	MR NA NA
2.	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	<ul style="list-style-type: none"> • Upper Floors 	Senior Block: 3 Nos Junior Block: 2 Nos Art & Science Block: 2 Nos	2 Nos 2 Nos GF to 1 st F-6 Nos GF to 2 nd F- 2Nos	MR* MR MR
	<ul style="list-style-type: none"> • Basements 	NA	NA	NA
	b. Width of staircases			
	<ul style="list-style-type: none"> • Upper Floor 	1.5m	Senior Block: 1.48m & 1.93m Junior Block: 1.6m & 1.03m Art & Science Block: GF to 1 st F-1.53m,1.9m, 2.5m,2m & 2 Nos of 0.85m GF to 2 nd F- 1.53m & 1.9m	MR (old case) MR (old case) MR (old case)
	<ul style="list-style-type: none"> • Basements 	NA	NA	NA
	c. Protection of exits			
	<ul style="list-style-type: none"> • Fire check door • Pressurization 	NA NA	NA NA	NA NA
	d. No. of continuous staircases to terrace	One	Spiral staircase of iron having width of 0.74m is provided between 2 nd F and Terrace	MR

	e. Width of Corridor	NA	NA	NA
	f. Door Size	1m & 2m (in Multipurpose Hall)	1m & 1.8m	MR (old case)
3.	Compartmentation			
	• Fire check door	NA	NA	NA
	• Sealing of electrical shafts	NA	NA	NA
	• Fire Rating of shaft door	NA	NA	NA
	• Water Curtain	NA	NA	NA
	• Fire Dampers	NA	NA	NA
4.	Smoke Management System			
	• Basements	30 ACPH	NA	NA
	• Upper floors	12 ACPH	Exhaust Fan (in Multipurpose Hall)	MR
5.	Fire Extinguishers			
	• Total numbers	60 No's	60 Nos	MR
	• Types	ABC/W.CO ₂ /CO ₂	20/20/10	MR
	• IS marking	ISI marked	Yes	MR
6.	First-Aid Hose Reels			
	• Total numbers on each floor	Senior Block: 2 Nos Junior Block: 2 Nos Art & Science Block: 2 Nos Multipurpose Sports Hall: 2 Nos	Provided	MR
	• Length of hose reel hose	30m	Provided	MR
	• Nozzle diameter	5mm	Provided	MR
7.	Automatic fire detection and alarming system			
	• Type of detectors	NA	NA	NA
	• Location of Main Panel	NA	NA	NA
	• Location of Repeater Panel	NA	NA	NA
	• Alternate source of power	NA	NA	NA
	• Hooters' Location	NA	NA	NA
8.	MOEFA	NA	Provided	NA
9.	Public Address System	NA	NA	NA
10.	Automatic Sprinkler System			
	• Basement	NA	NA	NA
	• Ground Floor	NA	Provided	NA
	• Sprinkler above false ceiling	NA	NA	NA
11.	Internal Hydrants			
	• Size of riser/down-comer	NA	NA	NA
	• Number of hydrants per floor	NA	NA	NA
	• Hose Box	NA	NA	NA
12.	Yard Hydrants			
	• Total number of hydrants	NA	NA	NA
	• Hose Box	NA	NA	NA
13.	Pumping Arrangements			
	• Ground Level			
	➤ Discharge of main Pump	NA	NA	NA

	➤ Head of Main pump	NA	NA	NA
	➤ Number of main pumps	NA	NA	NA
	➤ Jockey Pump out put	NA	NA	NA
	➤ Jockey pump head	NA	NA	NA
	➤ Standby Pump out put	NA	NA	NA
	➤ Standby Pump Head	NA	NA	NA
	➤ Auto Starting/Manual Stopping	NA	NA	NA
	➤ Pump House Access	NA	NA	NA
	• Terrace level			
	➤ Discharge of pump	Boosting	Senior Block: 450LPM & 180 LPM Junior Block: 2 Nos of 450 LPM Art & Science Block common with Multipurpose Sports Hall: 450LPM & 180 LPM	MR MR MR
	➤ Head of the pump	35m	Provided	MR
	➤ Power Supply	Required	Provided	MR
	➤ Auto Starting of pump	Required	Provided	MR
14.	Captive Water Storage for fire fighting			
	• Underground tank capacity	1,50,000 lts	1,00,000 Lts	MR(old case)
	➤ Draw-off connection	NA	NA	NA
	➤ Fire service inlet	NA	NA	NA
	➤ Access to tank	NA	NA	NA
	• Overhead Tank capacity	2500 Lts on each Block	Provided	MR
15.	Exit Signage.	Required	Provided	MR
16.	Provision of Lifts.			
	• Pressurization of Lift Shaft	NA	NA	NA
	• Pressurization of Lift lobby	NA	NA	NA
	• Communication In lift Car	NA	NA	NA
	• Fireman's Grounding Switch	NA	NA	NA
	• Lift Signage	NA	NA	NA
17.	Standby power supply	Required	Provided	MR
18.	Refuge Area.			
	➤ Total Area	NA	NA	NA
	➤ Location	NA	NA	NA
19.	Fire Control Room			
	• Detector System Panel	NA	NA	NA
	• Flow Switch Panel	NA	NA	NA
	• PA System Panel	NA	NA	NA
	• Batter backup	NA	NA	NA
	• Building Floor Plans	NA	NA	NA
20.	Special Fire Protection System for	NA	NA	NA

-2/14-

Protection of special Risks, if any:

NOTE: - The shortcomings at Sr. No. 2 to 8 as communicated vide letter no. F6/DFS/MS/Educational/SZ/2017/1551 dated 16/06/2017 found complied, however Principal vide letter dated 26/03/2018 (C/612) undertook that the space beyond 15m towards the dead end in the senior school building will not be used for any activity till the construction of required staircase to meet out the travel distance requirement and the same is shown as MR* on the point no. 2 of the inspection note and may be accepted by the competent authority.

The fire protection systems provided in the building were randomly 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 of Form "H" is put up for approval.

A.K. Malik
27/3/18.

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

Dy. CFO (SZ)

[Signature]
27/3
CFO (S/2)
M. SCILL
FTM.
[Signature]
27/3.



Since F.P. is put up for his/pleas,

[Signature]

A.K. Malik
27/3/18
DO (SD)

1182/cfo sz
27/3/18

M. SCILL
[Signature]
27/3.