

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

No. F.6/DFS/MS/B/SZ/2018/2484

Dated: 8/11/18

**FIRE SAFETY CERTIFICATE**

Certified that the **Training Centre and Auditorium of Indian Aviation Academy** situated at Vasant Kunj, New Delhi is comprised of two interconnected blocks i.e. Training Centre (Basement, Ground & two upper floors) and Auditorium (Ground and one upper floor). The premise was inspected by the officer concerned of this department on 31/10/2018 in the presence of Sh. Prem Khandelwal [Sr. Manager (Civil)] and found that the said Educational building 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 building is fit for occupancy class "**Group B Educational Building**" with effect from 8/11/18 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.....8/11/18.....at New Delhi by.

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


Copy to:-

1. The Executive Engineer (Bldg.), SDMC, Jal Vihar, Lajpat Nagar, New Delhi-110024.
2. Sh. Kamal Kataria, Asstt. GM (Engg.-Elect.), office of Executive Director Engg.-NER, Airport Authority of India, New Delhi.

**Conditions for the validity of fire safety certificate:**

1. *The owner/occupier shall occupy the auditorium only after issue of license by the Dy. Commissioner of concerned revenue District of NCT of Delhi as notified by Revenue department, Govt. of NCT of Delhi vide Delhi Gazette notification dated 09/01/15.*
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 firefighting 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 form is available on [http://delhi.gov.in/wps/wcm/connect/doit\\_fire/FIRE/Home/Forms](http://delhi.gov.in/wps/wcm/connect/doit_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."

**INSPECTION REPORT**

1. Name & address of the building : Training Centre and Auditorium of Indian Aviation Academy, Vasant Kunj New Delhi.
2. Type of Occupancy : Class-B "Educational"
3. Type of Case : New [Two interconnected blocks i.e. Training Centre (B+G+2 Upper Floors) and Auditorium (G+1<sup>st</sup> F)]
4. Details of Previous NOC : NA
5. Fire Safety directives letter No : F6/DFS/MS/2014/BP/146 dated 30/05/2014
6. Date of inspection : 31/10/2018
7. Name of Inspecting Officer : A. K. Malik
8. Name and designation of officers  
From the building side : Mr. Prem Khandelwal [Sr. Manager (Civil)]
9. Year of Construction : 2017
10. Applicant's letter No. : Form "I" outdoor diary no. 16882 dated 26/12/2017

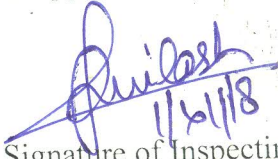
S. No.	Minimum Standards on fire prevention and fire safety U/R 33	BBL/NBC Requirement	Provided at site	Remarks MR/NMR
1.	<b>Access to building</b>			
	<ul style="list-style-type: none"> <li>• Road width</li> <li>• Gate width</li> <li>• Width of internal road</li> </ul>	12m 4.5m 6m	Provided Provided Provided	MR MR MR
2.	<b>Number, Width, Type &amp; Arrangement of Exits</b>			
	a. Number of staircases			
	<ul style="list-style-type: none"> <li>• Upper Floors</li> </ul>	<b>Training centre:</b> 6 Nos <b>Auditorium:</b> 3 Nos	Provided	MR
	<ul style="list-style-type: none"> <li>• Basements</li> </ul>	6 Nos	Provided	MR
	b. Width of staircases			
	<ul style="list-style-type: none"> <li>• Upper Floor</li> </ul>	<b>Training centre:</b> 1.5m <b>Auditorium:</b> 2m	<b>Training centre:</b> 6 of 1.5m <b>Auditorium:</b> 3 of 2m	MR MR
	<ul style="list-style-type: none"> <li>• Basements</li> </ul>	1.5m	6 of 1.5m	MR
	c. Protection of exits			
	<ul style="list-style-type: none"> <li>• Fire check door</li> <li>• Pressurization</li> </ul>	Required -NA-	Provided -NA-	MR -NA-
	d. No. of continuous staircases to terrace			
		<b>Training centre:</b> 6 Nos <b>Auditorium:</b> 1 No	Provided	MR
	e. Width of Corridor	-NA-	2m	-NA-
	f. Door Size	<b>Training centre:</b> 1m <b>Auditorium:</b> 2m	<b>Training centre:</b> Provided <b>Auditorium:</b> 2 x 2.1m, 4 x 1.27m & 2 x 1.27m (stage)	MR MR
3.	<b>Compartmentation</b>			
	<ul style="list-style-type: none"> <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> </ul>	Required Required Required -NA- Required	Provided Provided Provided -NA- Provided	MR MR MR -NA- MR
4.	<b>Smoke Management System</b>			
	<ul style="list-style-type: none"> <li>• Basements</li> </ul>	30 a/c per hour	Provided	MR
	<ul style="list-style-type: none"> <li>• Upper floors</li> </ul>	12 a/c per hour	Provided	MR
5.	<b>Fire Extinguishers</b>			

	• IS marking	ISI	Yes	MR
6.	<b>First-Aid Hose Reels</b>			
	• Total numbers on each floor	<b>Training centre:</b> 6 Nos	Provided	MR
	• Length of hose reel hose	<b>Auditorium:</b> 2 No	Provided	MR
	• Nozzle diameter	30m	One	MR
		5mm	One	MR
7.	<b>Automatic fire detection and alarming system</b>			
	• Type of detectors	Smoke & Heat	Provided	MR
	• Location of Main Panel	Required	Ground Floor	MR
	• Location of Repeater Panel	-NA-	-NA-	-NA-
	• Alternate source of power	Required	Provided	MR
	• Hooters' Location	Required	All floors	MR
8.	<b>MOEFA</b>	Required	Provided	MR
9.	<b>Public Address System</b>	-NA-	-NA-	-NA-
10.	<b>Automatic Sprinkler System</b>			
	• Basement	Required	Provided	MR
	• Ground & Upper Floors	Required in dressing room, scenery docks, stages and stage basement of Auditorium	Provided	MR
	• Sprinkler above false ceiling	-NA-	-NA-	-NA-
11.	<b>Internal Hydrants</b>			
	• Size of riser/down-comer	100mm	Provided	MR
	• Number of hydrants per floor	<b>Training centre:</b> 6 Nos	Provided	MR
		<b>Auditorium:</b> 2 No	2 Nos	MR
	• Hose Box	<b>Training centre:</b> 6 Nos	Provided	MR
		<b>Auditorium:</b> 2 No	2 Nos	MR
12.	<b>Yard Hydrants</b>			
	• Total number of hydrants	-NA-	8 Nos	-NA-
	• Hose Box	-NA-	8 Nos	-NA-
13.	<b>Pumping Arrangements</b>			
	• Ground Level			
	➤ Discharge of main Pump	2850 LPM	Provided	MR
	➤ Head of Main pump	70m	Provided	MR
	➤ Number of main pumps	One	Provided	MR
	➤ Jockey Pump out put	180 LPM	Provided	MR
	➤ Jockey pump head	70m	Provided	MR
	➤ Standby Pump out put	2850 LPM	Provided	MR
	➤ Standby Pump Head	70m	Provided	MR
	➤ Auto Starting/Manual Stopping	Required	Provided	MR
	➤ Pump House Access	Required	Provided	MR
	• Terrace level			
	➤ Discharge of pump	-NA-	900 LPM	-NA-
	➤ Head of the pump	-NA-	40m	-NA-
	➤ Power Supply	-NA-	Provided	-NA-
	➤ Auto Starting of pump	-NA-	Provided	-NA-
14.	<b>Captive Water Storage for fire fighting</b>			
	• Underground tank capacity	75,000 lts	Provided	MR

	<ul style="list-style-type: none"> <li>➤ Draw-off connection</li> <li>➤ Fire service inlet</li> <li>➤ Access to tank</li> <li>• Overhead Tank capacity</li> </ul>	Required	Provided	MR
		Required	Provided	MR
		20,000 Lts.	Provided	MR
15.	<b>Exit Signage.</b>	Required	Provided	MR
16.	<b>Provision of Lifts.</b>			
	<ul style="list-style-type: none"> <li>• Pressurization of Lift Shaft</li> <li>• Pressurization of Lift lobby</li> <li>• Communication In lift Car</li> <li>• Fireman's Grounding Switch</li> <li>• Lift Signage</li> </ul>	-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
17.	<b>Standby power supply</b>	Required	Provided	MR
18.	<b>Refuge Area.</b>			
	<ul style="list-style-type: none"> <li>➤ Total Area</li> <li>➤ Location</li> </ul>	-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
19.	<b>Fire Control Room</b>			
	<ul style="list-style-type: none"> <li>• Detector System Panel</li> <li>• Flow Switch Panel</li> <li>• PA System Panel</li> <li>• Battery backup</li> <li>• Building Floor Plans</li> </ul>	-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
20.	<b>Special Fire Protection System for Protection of special Risks, if any:</b>	Segregation of HT/LT/Transformer	Provided	MR

The fire protection systems provided in the building were randomly tested, checked and found functional at the time of inspection. The shortcomings communicated vide letter no. F6/DFS/MS/SZ/2018/484 dated 05/02/2018 found complied. 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 under Rule 35(3) to grant Fire Safety Certificate under rule 35 of the Delhi Fire Service Rules 2010.

Accordingly form "H" in shape of DFA is put up for approval under Rule 35(4).

  
 Signature of Inspecting Officer  
 Name: A. K. Malik  
 Designation: Divisional Officer

DY. CFO (SZ)

  
 17/11

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FTM,  
6/11



178/cfo 52  
6/11/18/11

Sir  
F.T. added with Condition No. 1 is put up for  
sic please.