## GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI HEADQUARTERS: DELHI FIRE SERVICE: NEW DLEHI - 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 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.

(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 <a href="http://delhi.gov.in/wps/wcm/connect/doit\_fire/FIRE/Home/Forms">http://delhi.gov.in/wps/wcm/connect/doit\_fire/FIRE/Home/Forms</a>

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."

Indian Aviation Academy, Vasant Kunj New Delhi INSPECTION REPORT 1. Name& address of the building: Training Centre and Auditorium of Indian Aviation Academy, Vasant Kunj New Delhi. : Class-B "Educational" : 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 : 31/10/2018

2. Type of Occupancy

6. Date of inspection

3. Type of Case

Section of the prevention and fire safety U/R 33   Requirement	fire safety U/R 33  Access to building  Road width Gate width Width of internal road  Number, Width, Type & Arrangement of Exits  a. Number of staircases  Upper Floors  Basements  Upper Floor  Basements  Upper Floor  Training centre: 1.5m Auditorium: 2m Auditorium: 3 of 2m  Fire check door Pressurization  Width of Corridor  Width of Corridor  Fire check door  Width of Corridor  Fire check door  Sealing of electrical shafts Fire Rating of slaft door Water Curtain Fire Dampers  Basements  Fire plages  Provided  Provided  Auditorium: Auditorium: Auditorium: Auditorium: Auditorium: Auditorium: Auditorium: Auditorium: Anditorium: Anditoriu	10. App	blicant's letter No. : 2017  Form "I" outdoo	elwal [Sr. Manager (Ci		
Access to building   Road width   12m	Recess to building  Road width Gate width Width of internal road  Number, Width, Type & Arrangement of Exits  a. Number of staircases  Upper Floors  Basements  Upper Floor  Upper Floor  Training centre: 6 Nos Auditorium: 3 Nos  Basements  Upper Floor  Training centre: 1.5m Auditorium: 3 of 2m Auditorium: 2m Auditorium: 3 of 2m  Provided  Provided  Provided  Provided  Auditorium: 1.5m Auditorium: 2m Auditorium: 1.5m Auditorium: 2m Auditorium: 1.5m Auditorium: 2m Auditorium: 1.5m Auditorium: 2m Compartmentation  Provided Auditorium: 1 No  Nos Auditorium: 1 No  Required Provided Auditorium: 2 x 2.1m, 4 x 1.27m Auditorium: 2 x 2.1m, 4	5.110.	standards on the prevention and	BBL/NBC		Remark MR/NM
• Gate width • Width of internal road • Width of width, Type & Arrangement of Exits  a. Number of staircases • Upper Floors • Basements b. Width of staircases • Upper Floor • Basements c. Protection of exits • Fire check door • Width of Corridor • Width of Corridor • Width of Corridor • Width of Staircases to terrace  d. No. of continuous staircases to terrace  f. Door Size  • Gate width • Width of Staircases   Training centre: 6 Nos Auditorium: 3 Nos  Auditorium: 3 of 2m Auditorium: 3 of 2m Auditorium: 4 Lipper floor  Auditorium: 1 No -NA	• Gate width • Width of internal road  Number, Width, Type & Arrangement of Exits  a. Number of staircases  • Upper Floors  • Basements • Upper Floor • Basements • Upper Floor  • Basements • Provided  Auditorium:  Auditorium:  Auditorium:  Auditorium:  Auditorium:  Auditorium:  Auditorium:  I No  Provided  Provided	1.	Access to building			
2. Number, Width, Type & Arrangement of Exits  a. Number of staircases  • Upper Floors  • Upper Floors  • Upper Floors  • Upper Floor  • Basements  • Upper Floor  • Basements  • Upper Floor  • Basements  • Upper Floor  • Basements  • Provided  • Provided  • Provided  • Pressurization  • Fire cheek door  • Pressurization  • No. of continuous staircases to terrace  • Width of Corridor  • Width of Corridor  • Width of Corridor  • Provided  • No. of continuous staircases to terrace  • Width of Corridor  • Provided  • No. of continuous staircases to terrace  • Width of Corridor  • Provided  • No. of continuous staircases to terrace  • Width of Corridor  • Provided  • No. of continuous staircases to terrace  • Width of Corridor  • Provided  • No. of continuous staircases to terrace  • Width of Corridor  • Provided  • No. of continuous staircases to terrace  • Width of Corridor  • Provided  • No. of continuous staircases to terrace  • Width of Corridor  • Provided  • No. of continuous staircases to terrace  • Width of Corridor  • Provided  • No. of continuous staircases to terrace  • Width of Corridor  • Provided  • No. of continuous staircases to terrace  • Width of Corridor  • No. of continuous staircases to terrace  • Width of Corridor  • No. of continuous staircases to terrace  • No. of the training centre:  1.5m  • No.	Width of internal road  Number, Width, Type & Arrangement of Exits  a. Number of staircases  Upper Floors  Basements  Upper Floor  Upper Floor  Basements  Upper Floor  Upper Floor  Basements  Upper Floor  Upper Fl		The state of the s	12m	Provided	MR
2. Number, Width, Type & Arrangement of Exits  a. Number of staircases  • Upper Floors  • Basements  b. Width of staircases  • Upper Floor  • Basements  • Upper Floor  • Basements  • Upper Floor  • Training centre:  1.5m  6 of 1.5m  Auditorium:  2m  2m  • Provided  Minumber of staircases  • Fire check door  • Pressurization  • Width of Corridor  • Width of Corridor  Compartmentation  • Fire check door  • Fire check door  • Width of Corridor  Compartmentation  • Fire check door  • Fire check door  • Pressurization  • Required  Auditorium:  1 No  -NA-  Training centre:  1 m  Provided  Minumber of Staircases to terrace  Auditorium:  2 x 2, 1m, 4 x 1, 27m  Minumber of Staircases to terrace  Auditorium:  2 x 2, 1m, 4 x 1, 27m  Minumber of Staircases to terrace  Auditorium:  2 x 2, 1m, 4 x 1, 27m  Auditorium:  2 x 2, 1m, 4 x 1, 27m  Auditorium:  2 x 2, 1m, 4 x 1, 27m  Auditorium:  2 x 2, 2m (stage)  Compartmentation  • Fire heck door  • Sealing of shaft door  • Sealing of shaft door  • Water Curtain  • Fire Dampers  Required  Provided  Minumber of Staircases  Auditorium:	Number, Width, Type & Arrangement of Exits  a. Number of staircases  • Upper Floors  • Basements  • Upper Floor  • Basements  • Upper Floor  • Basements  • Upper Floor  • Compartmentation  • Fire check door • Pressurization  • Fire Check door • Sealing of electrical shafts • Fire Rating of shaft door • Water Curtain • Fire Dampers  • Basements  • Upper Floors   Training centre:  1.5m  • Auditorium:  1.5m  • Auditorium:  1.5m  • Nos  Auditorium:  1.5m  • Provided  Auditorium:  2 x 2.1m, 4 x 1.27m  & 2 x 2.1m, 4 x 1.27m  & 2 x 2.1.27m (stage)  • Water Curtain • Fire Rating of shaft door • Water Curtain • Fire Dampers  • Basements  30 a/c per hour  • Provided  Nos  Provided  Nos  Provided		The state of the s			MR
a. Number of staircases  • Upper Floors  • Basements • Upper Floor  • Basements • Upper Floor  • Training centre: 1.5m  • Gof I.5m  Auditorium: 3 of 2m 2m  • Basements  • Fire check door • Pressurization  • Fire check door • Pressurization  • Width of Corridor  • Width of Corridor  • Door Size   Compartmentation  • Fire check door • Sealing of shaft door • Sealing of shaft door • Water Curtain • Fire Dampers  • Basements  • Upper Floor  Training centre: 1.5m  6 of I.5m  Multiorium: 1.5m  6 of I.5m  Multiorium: 1.5m  Auditorium: 1.5m  Auditorium: 1.5m  Auditorium: 1.5m  Auditorium: 1.5m  Auditorium: 2.5m  Aud	a. Number of staircases  • Upper Floors  • Upper Floors  • Basements  • Upper Floor  • Provided  Auditorium:  • Basements  • Provided  Auditorium:  • Pressurization  • Pressurization  • Pressurization  • Pressurization  • Provided  Auditorium:  • No. of continuous staircases to terrace  • Width of Corridor  • Width of Corridor  • Fire cheek door  • Sealing of electrical shafts  • Fire Rating of shaft door  • Water Curtain  • Fire Rating of shaft door  • Water Curtain  • Fire Dampers  • Basements  30 a/c per hour  Provided  Auditorium:  Aud	2			Provided	MR
• Upper Floors  • Basements • Width of staircases  • Upper Floor  • Basements • Upper Floor  • Upper Floor  • Upper Floor  • Upper Floor  • Basements • Upper Floor  • Basements • C. Protection of exits • Fire check door • Pressurization  • Provided  • No. of continuous staircases to terrace  d. No. of continuous staircases to terrace  d. No. of continuous staircases to terrace  Training centre: 6 Nos Auditorium: 1 No -NA- Training centre: 7 In Provided Auditorium: 2 x 2.Im, 4 x 1.27m MR & 2 x 1.27m (stage)  Compartmentation  • Fire check door • Sealing of electrical shafts • Fire Rating of shaft door • Sealing of shaft door • Water Curtain • Fire Dampers  Required Provided MR  Smoke Management System  • Basements  • Upper Floors	• Upper Floors  • Basements  • Upper Floor  • Basements  • Upper Floor  • Basements  • Upper Floor  • Basements  • Upper Floor  • Basements  • Provided  • Provided  • Provided  • Pressurization  • Pressurization  • Pressurization  • Width of Corridor  • Width of Corridor  • Width of Corridor  • Pressurization  • Pressurization  • Provided  • No. of continuous staircases to terrace  • Width of Corridor  • Width of Corridor  • Pressurization  • Provided  • Auditorium:  1 No  -NA-  Training centre:  1 No  -NA-  Tr	2.	Number, Width, Type & Arrangement of E	xits		1,11
• Upper Floors  • Basements  • Upper Floor  • Basements  • Upper Floor  • Basements  • Provided  • Basements  • Provided  • Basements  • Provided  • Basements  • Provided  • Pressurization  • Fire check door  • Pressurization  • Pressurization  • Pressurization  • Provided  • No. of continuous staircases to terrace  • Width of Corridor  • Width of Corridor  • Fire check door  • Width of Corridor  • Fire check door  • Required  • No. of continuous staircases to terrace  • Width of Corridor  • Fire check door  • Sealing of electrical shafts  • Fire Rating of shaft door  • Water Curtain  • Fire Dampers  • Basements  • Basements  • Upper Floors   Training centre:  1 No  -NA  Training centre:  1 Provided  Auditorium:  2 x 2.1m, 4x 1.27m  & 2 x 2.1m, 4x 1.2	Basements b. Width of staircases  Upper Floor  Training centre: 1.5m  Auditorium: 3 of 2m  Auditorium: 3 of 2m  2m  Lism  6 of 1.5m  Auditorium: 3 of 2m  2m  Provided  Provided  Provided  No. of continuous staircases to terrace  Required  Provided  No. of continuous staircases to terrace  Uidth of Corridor  Training centre: Im Auditorium: 1 No No. NA  Training centre: Im Auditorium: Auditorium: 2 m 2 x 2.1m, 4 x 1.27m & 2 x 2.1m,		a. Number of staircases			
Basements	Basements  Upper Floor  Upper Floor  Basements  Upper Floor  Basements  Upper Floor  Basements  End of 1.5m  Auditorium:  Auditorium:  Auditorium:  Auditorium:  Simplify and provided  Auditorium:  Auditorium:  Auditorium:  Auditorium:  Auditorium:  Indicate the provided  Auditorium:  Indicate the provided  Auditorium:  Indicate the provided  Auditorium:  Auditorium:  Indicate the provided  Auditorium:  Auditorium:  Auditorium:  Indicate the provided  Auditorium:  Audit		• Harris Di	Training centre:		
Basements b. Width of staircases  - Upper Floor  - Upper Floor  - Basements c. Protection of exits - Fire check door c. Width of Corridor  - Width of Corridor  - Width of Corridor  - Training centre:  1.5m  Auditorium: 2m  - NA-  Training centre:  1.5m  6 of 1.5m  MI  Auditorium: - NA-  Training centre: 6 Nos  Auditorium: - NA-  Training centre: 6 Nos  Auditorium: - NA-  Training centre: 1 In No  - NA-  Training centre: - Im Provided  Auditorium: - NA-  Auditorium: - NA-  Training centre: - Im Provided  Auditorium: - NA-  Auditorium: - NA-  Auditorium: - NA-  Auditorium: - NA-  Training centre: - Im Provided - NA-  Auditorium: - NA NA-  Required - Provided - MR  Sealing of electrical shafts - Fire Rating of shaft door - Water Curtain - Fire Dampers - NA	Basements b. Width of staircases  Upper Floor  Upper Floor  Basements  Upper Floor  Basements  Description  Basements  End of 1.5m  Auditorium:  I No  Auditorium:  I No  Auditorium:  I No  Auditorium:  Auditorium:		• Opper Floors	6 Nos	Provided	MR
• Basements b. Width of staircases  • Upper Floor  • Upper Floor  • Upper Floor  • Basements • Upper Floor  • Basements • Provided  • Basements • Provided  • Basements • Fire check door • Pressurization  • Pressurization  • Provided  • Minum:  • Provided  • Minum:  • Provided  • Minum:  • NA-  • Training centre:  • Nos  • Auditorium:  • I No  • NA-  • NA-  • NA-  • Training centre:  • Im  • Provided  • Minum:  • Auditorium:  • Required  • Provided  • Minum:  • Sealing of electrical shafts • Fire Rating of shaft door • Water Curtain • Water Curtain • Fire Dampers  • Basements • Basements • Basements • Upper Floor    Training centre:  • Nos  • Provided  • Minum:  • NA-	Basements b. Width of staircases   Training centre:  1.5m		·			
b. Width of staircases  • Upper Floor  • Upper Floor  • Basements • Provided  • Pressurization  • Pressurization  • Pressurization  • Pressurization  • Provided  • Minum:  • Provided  • Minum:  • Nos  • Provided  • Minum:  • Provided  •	b. Width of staircases  • Upper Floor  • Upper Floor  • Basements • Provided  • Basements • Fire check door • Pressurization  • Width of Corridor  • Width of Corridor  • Fire check door • Price check door • Pressurization  • Width of Corridor  • Width of Corridor  • Fire check door • Pressurization  • Fire check door • Width of Corridor  • Width of Corridor  • Fire check door • Sealing of electrical shafts • Fire Rating of shaft door • Water Curtain • Fire Dampers  • Basements  • Basements  • Upper Floors  Training centre:  In Auditorium:  A		Pagamanta			
• Upper Floor  Training centre:  1.5m  Auditorium: 3 of 2m  M  Auditorium: 3 of 2m  M  Pressurization  Fire check door Auditorium: 1 No Auditorium: 2 M Auditorium: 4 No Audi	• Upper Floor  • Upper Floor  • Basements  • Protection of exits  • Fire check door • Pressurization  • Width of Corridor  • Door Size  Compartmentation  • Fire check door • Fire check door • Fire check door • Water Curtain • Fire Dampers  • Water Guran • Basements  • Upper Floor  Training centre:  1.5m  Auditorium:  3 of 2m  Provided  Provided,  -NA-  Training centre: 6  Nos  Auditorium:  1 No  -NA-  Training centre:  1 m  Provided  Auditorium:  2 x 2.1m, 4 x 1.27m  & 2 x 2.1m			6 Nos	Provided	MR
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Basements  C. Protection of exits  Fire check door Pressurization  Auditorium:  Auditorium:  2m  1.5m  6 of 1.5m  M  Auditorium:  3 of 2m  M  M  Provided  MI  No. of continuous staircases to terrace  M  Auditorium:  1 No  Auditorium:  1 No  Provided  Auditorium:  1 No  Auditorium:  1 No  Provided  MR  Auditorium:  2m  2 x 2.1m, 4 x 1.27m  MR  Auditorium:  2m  Compartmentation  Fire check door Sealing of electrical shafts Fire Rating of shaft door Water Curtain Fire Dampers  M  Auditorium:  Audi	Basements  C. Protection of exits  Fire check door Pressurization  C. Width of Corridor  E. Width of Corridor  C. Width of Corridor  Fire check door Fire check door  C. Width of Corridor  E. Width of Corridor  E. Width of Corridor  Compartmentation  Fire check door Sealing of electrical shafts Fire Rating of shaft door Water Curtain Fire Dampers  E. Basements  Somoke Management System  E. Linear Boors  Auditorium: Auditori		• Unner Floor		Training centre:	
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c. Protection of exits  • Fire check door • Pressurization  • Pressurization  d. No. of continuous staircases to terrace  • Width of Corridor  • Width of Corridor  • Price check door • Width of Corridor  • Width of Corridor  • Width of Corridor  • Width of Corridor  • Provided  • Door Size  • Fire check door • Sealing of electrical shafts • Fire Rating of shaft door • Water Curtain • Fire Dampers  • Basements  • Basements  • Upper floors  • Upper floors  • Upper floors  • Value of the check door • Provided • Basements  • Upper floors  • Upper floors  • Upper floors	c. Protection of exits  • Fire check door • Pressurization  d. No. of continuous staircases to terrace  e. Width of Corridor  e. Width of Corridor  Training centre:  In No  Auditorium:  I No  -NA-  Training centre:  Im Provided  Auditorium:  2m 2x 2.1m, 4x 1.27m  & 2x 2.1m, 4x 1.27				3 of 2m	MR
e. Protection of exits  • Fire check door • Pressurization  d. No. of continuous staircases to terrace  d. No. of continuous staircases to terrace  e. Width of Corridor  e. Width of Corridor  Training centre:  Ino  -NA-  Training centre:  Im Provided  Auditorium:  2m 2 x 2.1m, 4 x 1.27m MR  Auditorium:  2m 2 x 2.1m, 4 x 1.27m MR  Experimentation  Fire check door • Sealing of electrical shafts • Fire Rating of shaft door • Water Curtain • Fire Dampers  Required  Provided  MR	e. Width of Corridor  Training centre:  In No  Auditorium:  In No  Compartmentation  Fire check door  Sealing of electrical shafts Fire Rating of shaft door  Water Curtain Fire Dampers  Required Provided  -NA-  Training centre:  Im Provided Auditorium:  Auditorium:  2 x 2.1m, 4 x 1.27m  & 2 x 1.27m (stage)  Provided		• Basements			
Pressurization  One of continuous staircases to terrace  d. No. of continuous staircases to terrace  e. Width of Corridor  e. Width of Corridor  Training centre:  I no  One of continuous staircases to terrace  Auditorium:  I no  I no  I no of continuous staircases to terrace  Auditorium:  I no of continuous staircases to terrace  I no of continuous staircases  I no of continuous	• Pressurization  • Pressurization  d. No. of continuous staircases to terrace  d. No. of continuous staircases to terrace  • Width of Corridor  • Width of Corridor  • Width of Corridor  • Door Size  • Provided  Auditorium:  2m  2m  2x 2.1m, 4x 1.27m  & 2x 2.1m	(	c. Protection of exits	1.5m	6 of 1.5m	MR
Pressurization  One of continuous staircases to terrace  d. No. of continuous staircases to terrace  e. Width of Corridor  e. Width of Corridor  Training centre:  In Our Size  Training centre:  Im Our Size  Training centre:  Im Out of continuous staircases to terrace  Auditorium:  2m	• Pressurization  • Pressurization  d. No. of continuous staircases to terrace  d. No. of continuous staircases to terrace  • Width of Corridor  • Width of Corridor  • Width of Corridor  • Door Size  • Provided  Auditorium:  2m  2m  2x 2.1m, 4x 1.27m  & 2x 2.1m		Fire check door	Paguinad		
d. No. of continuous staircases to terrace    Training centre: 6   Nos   Provided   MF	d. No. of continuous staircases to terrace  d. No. of continuous staircases to terrace  e. Width of Corridor  e. Width of Corridor  Training centre:  Im Provided  Auditorium:  2m 2 x 2.1m, 4 x 1.27m  & 2 x 1.27m (stage)  Compartmentation  Fire check door Sealing of electrical shafts Fire Rating of shaft door Water Curtain Fire Dampers  Required Provided No  Smoke Management System					MR
d. No. of continuous staircases to terrace    Nos   Auditorium: 1 No   -NA- 2m   -NA   -NA- 2m   -NA   -NA- 2m   -NA   -NA- 2m   -NA   -NA- 2m   -NA   -NA- 2m   -NA   -NA   -NA- 2m   -NA	d. No. of continuous staircases to terrace    Nos	4.1993.00		No. and the second seco	-NA-	-NA-
e. Width of Corridor  e. Width of Corridor  Fraining centre:  Im  Auditorium:  Im  Auditorium:  Auditorium:  Auditorium:  Auditorium:  2m  Provided / MR  Auditorium:  2m  2 x 2.1m, 4 x 1.27m  & 2 x 1.27m (stage)   Compartmentation  Fire check door  Sealing of electrical shafts  Fire Rating of shaft door  Water Curtain  Fire Dampers  Required  Provided  MR  Provided  MR  Provided  MR  Smoke Management System  Basements  30 a/c per hour  Provided  MR	e. Width of Corridor  e. Width of Corridor  Fraining centre:  Im Provided Auditorium:  Auditorium:  Auditorium:  Auditorium:  Auditorium:  2m 2 x 2.1m, 4 x 1.27m  & 2 x 2.1m, 4 x 1.27		I No 6		Described	1.40
e. Width of Corridor  -NA- Training centre:  Im Provided MR Auditorium:  2m 2 x 2.1m, 4 x 1.27m MR  2x 2 x 1.27m (stage)  Compartmentation  Fire check door Sealing of electrical shafts Fire Rating of shaft door Water Curtain Fire Dampers  Required Provided MR  Required Provided MR  Required Provided MR  Required Provided MR  Smoke Management System  Basements  30 a/c per hour Provided MR	e. Width of Corridor  Fraining centre:  Im Auditorium: 2m  Compartmentation  Fire check door Sealing of electrical shafts Fire Rating of shaft door Water Curtain Fire Dampers  Smoke Management System  Provided  Ind Auditorium: 2 x 2.1m, 4 x 1.27m & 2 x 2.1m, 4 x 1		1. No. of continuous staircases to terrace		riovided	MK
e. Width of Corridor  -NA- Training centre:  Im Provided   MR Auditorium: 2m 2 x 2.1m, 4 x 1.27m   MR & 2 x 1.27m (stage)  Compartmentation  Fire check door Sealing of electrical shafts Fire Rating of shaft door Water Curtain Fire Dampers  Basements  Basements  -NA-  -NA- Required Provided MR	e. Width of Corridor  Training centre:  Im Provided Auditorium:  2m 2x 2.1m, 4x 1.27m & 2x 2x 1.27m (stage)  Compartmentation  Fire check door Sealing of electrical shafts Fire Rating of shaft door Water Curtain Fire Dampers  Smoke Management System  Basements  One of the distribution and the distribution are provided and and the distribution are provid					
Training centre:    Im	Training centre:  Im Provided Auditorium:  Auditorium:  2m 2 x 2.1m, 4 x 1.27m  & 2 x 1.27m (stage)  Compartmentation  Fire check door Sealing of electrical shafts Fire Rating of shaft door Water Curtain Fire Dampers  Smoke Management System  Basements  Training centre:  Required Provided Auditorium:  A	e	Width of Corridor		2m	NA
f. Door Size    Im	f. Door Size  Im Auditorium: Auditorium: 2 x 2.1m, 4 x 1.27m & 2 x 2.1m, 4 x 1.27m & 2 x 2.1m (stage)  Compartmentation  Fire check door Sealing of electrical shafts Fire Rating of shaft door Water Curtain Fire Dampers  Smoke Management System  Basements  June 12 / 12 / 12 / 12 / 12 / 12 / 12 / 12		. Width of Corridor	Training centre:		-11//-
Auditorium: 2m  Auditorium: 2 x 2.1m, 4 x 1.27m & 2 x 1.27m (stage)  Compartmentation  Fire check door Sealing of electrical shafts Fire Rating of shaft door Water Curtain Fire Dampers  Smoke Management System  Basements  Auditorium: 2 x 2.1m, 4 x 1.27m & 2 x 2.1m, 4 x 1.27m & Required Provided MR  Required Provided MR  Frovided MR  Frovided MR  Provided MR  Provided MR  Provided MR	Auditorium: 2m  2 x 2.1m, 4 x 1.27m & 2 x 1.27m (stage)  Compartmentation  Fire cheek door Sealing of electrical shafts Fire Rating of shaft door Water Curtain Fire Dampers  Smoke Management System  Basements  Auditorium:  2 x 2.1m, 4 x 1.27m & 2 x 2.1m, 4 x 1.27m Required Provided Provided Management Provided Management Provided Management Management Provided Management Provided Management Management Provided Management Management Management Management Provided Management Manage	f.	. Door Size			MR
Compartmentation  • Fire check door • Sealing of electrical shafts • Fire Rating of shaft door • Water Curtain • Fire Dampers • Basements • Basements • Upper floors	Compartmentation  Fire check door Sealing of electrical shafts Fire Rating of shaft door Water Curtain Fire Dampers  Smoke Management System  Basements  A Required Provided N  Smoke Management System	4.		Auditorium:		.,,,,,
Compartmentation  Fire check door Sealing of electrical shafts Fire Rating of shaft door Water Curtain Fire Dampers  Smoke Management System  Basements  A Required Provided Provided MR	Compartmentation  Fire check door Sealing of electrical shafts Fire Rating of shaft door Water Curtain Fire Dampers  Basements  Basements  Expuired Provided Provided Required Provided			2m	2 x 2.1m, 4 x 1.27m	MR
• Fire check door • Sealing of electrical shafts • Fire Rating of shaft door • Water Curtain • Fire Dampers • Basements • Basements • Upper floors	• Fire check door • Sealing of electrical shafts • Fire Rating of shaft door • Water Curtain • Fire Dampers  • Basements • Basements • Upper floors				& 2 x 1.27m (stage)	
• Sealing of electrical shafts • Fire Rating of shaft door • Water Curtain • Fire Dampers • Basements • Basements • Lipper floors	• Sealing of electrical shafts • Fire Rating of shaft door • Water Curtain • Fire Dampers  Smoke Management System  • Basements • Upper floors					Production 1 - The Production As I have the constitution of the Co
• Fire Rating of shaft door • Water Curtain • Fire Dampers • Required • Provided • MR  -NANANA- Required • Provided • MR  Smoke Management System • Basements • Basements • Upper floors	• Fire Rating of shaft door • Water Curtain • Fire Dampers  • Required  -NA- Required  Provided  N  Smoke Management System  • Basements  30 a/c per hour  Provided  N			Required	Provided	MR
• Water Curtain • Fire Dampers  -NA- Required Provided MR -NANA- Required Provided MR  Smoke Management System  • Basements  30 a/c per hour Provided MR	• Water Curtain • Fire Dampers  -NA- Required Provided N  -NANA- Required Provided N  -NANANANANANANA-		• Sealing of electrical shafts	Required	Provided	MR
• Fire Dampers  -NA- Required Provided MR  Smoke Management System  • Basements 30 a/c per hour Provided MR	• Fire Dampers  -NA- Required Provided  Smoke Management System  • Basements  30 a/c per hour Provided  N			Required	Provided	MR
Required Provided MR  Smoke Management System  Basements 30 a/c per hour Provided MR  Unper floors	Smoke Management System  Basements  30 a/c per hour  Provided  N				-NA-	-NA-
Basements     30 a/c per hour Provided MR      Upper floors	Basements     30 a/c per hour Provided N  Unper floors	0	^	Required	Provided	MR
• Upper floors	• Unner floors	31				
• Upper floors 12 a/c per hour Provided MP	• Upper floors 12 a/c per hour Provided			30 a/c per hour	Provided	MR
F- MON TOVIDUI WIK	12 are per nour riovided		• Upper floors	12 a/c per hour	Provided	MR

			ny, Vasant Kunj New Delhi	*	
	•	IS marking	ISI	Yes	MR
6.	First	-Aid Hose Reels			
			Training centre:	Provided	MR
	•	Total numbers on each floor	6 Nos		
			Auditorium:	Provided	MR
			2 No	1071404	IVIIC
	•	Length of hose reel hose	30m	One	MD
	•	Nozzle diameter			MR
7.	Autor	matic Constant	5mm	One	MR
/ •	Autor	matic fire detection and alarming system		Y 1500 TO 10	
	•	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.	MOE	FA	Required	The second secon	
9.		c Address System	•	Provided	MR
10.			-NA-	-NA-	-NA-
10.	Autor	matic Sprinkler System			
		Basement	Required	Provided	MR
			Required in dressing	178. j	
		Ground & II.	room, scenery		
		Ground & Upper Floors	docks, stages and	Provided	MR
			stage basement of		
			Auditorium		
		Sprinkler above false ceiling	-NA-	-NA-	-NA-
11.	Interr	nal Hydrants	1177	-1474-	-11//-
		Size of riser/down-comer	100	D :11.1	
		Size of fiser/down-comer	100mm	Provided	MR
		Number of hydrants per floor	Training centre:	Provided	MR
		Number of flydrants per floor	6 Nos		
			Auditorium:	1 2 2 2	
			2 No	2 Nos	MR
	•	Hose Box	Training centre:	Provided	MR
			6 Nos		
			Auditorium:		
			2 No	2 Nos	MR
2.	Yard	Hydrants			
		Total number of hydrants	-NA-	8 Nos	-NA-
		Hose Box	-NA-	8 Nos	
3.	Pumn	ing Arrangements	-11/1-	o INOS	-NA-
	1 dilip				
		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	
		Standby Pump out put			MR
	er .	Standby Pump Head	2850 LPM	Provided	MR
		Auto Starting/Manual Stopping	70m	Provided	MR
		Pump House Access	Required	Provided	MR
			Required	Provided	MR
	•	Terrace level			
		Discharge of pump	-NA-	900 LPM	-NA-
	E CONTRACTOR DE	-	-NA-	40m	
	No.	Head of the pump			-NA-
	1	Power Supply	-NA-	Provided	-NA-
		> Auto Starting of pump	-NA-	Provided	-NA-
4.	Captiv	ve Water Storage for fire fighting			
		Underground tank capacity	75,000 I te	Dravidad	MD

Indian Aviation Academy, Vasant Kunj New Delhi

	Indian Aviation Acade	my, Vasant Kunj New Delhi		
		Required	Provided	MR
	> Draw-off connection	Required	Provided	MR
	<ul><li>Fire service inlet</li><li>Access to tank</li></ul>	20,000 Lts.	Provided	MR
	Overhead Tank capacity	Required	Provided	MR
5.	Exit Signage.	Required		
6.	Provision of Lifts.	-NA-	-NA-	-NA-
	Pressurization of Lift Shaft	-NA-	-NA-	-NA-
	Pressurization of Lift lobby	Required	Provided	MR
	<ul><li>Communication In lift Car</li><li>Fireman's Grounding Switch</li></ul>	Required	Provided	MR
	Lift Signage	Required	Provided	MR
		Required	Provided	MR
17.	Standby power supply	requires		
18.	Refuge Area.	-NA-	-NA-	-NA-
	> Total Area	-NA-	-NA-	-NA-
	> Location	-NA-		
19.	Fire Control Room	NIA	-NA-	-NA-
	Detector System Panel	-NA-	-NA-	-NA-
	<ul> <li>Flow Switch Panel</li> </ul>	-NA-		-NA-
	<ul> <li>PA System Panel</li> </ul>	-NA-	-NA-	
	<ul> <li>Battery backup</li> </ul>	-NA-	-NA-	-NA-
	<ul> <li>Building Floor Plans</li> </ul>	-NA-	-NA-	-NA-
20.	Special Fire Protection System for Protection of special Risks, if any:	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

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