

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

No. F.6/DFS/MS/Educational/SZ/2017/ 1306

Dated: 29/08/17

FIRE SAFETY CERTIFICATE

Certified that the **Academic Block, Inderprastha Institute of Information Technology, situated at Okhla Industrial Estate, Phase-III, New Delhi-110020** comprised of Ground & Seven Upper Floors. The premise was inspected by the officer concerned of this department on 25/08/2017 in the presence of Mr. Sanjay Roy, Chief Engineer (Civil) and found that the said Storage 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 these two building blocks are fit for occupancy class "**Group B Educational building**" with effect from ~~-----~~ 29/08-2017 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 the Delhi Fire Service Rules, 2010.

Issued on..... 29/08/17.....at New Delhi by.


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

Copy to:-

1. The Executive Engineer (Bldg.), Building Department, SDMC, Civic Center, Minto Road, New Delhi-110002
2. Dr. B. Chandrasekhar (Registrar), Inderprastha Institute of Information Technology, situated at Okhla Industrial Estate, Phase-III, New Delhi-110020

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."

INSPECTION REPORT

1. Name & address of the building : Academic Block, Inderprastha Institute of Information Technology, Okhla Industrial Estate, Phase-III, New Delhi-110020
2. Type of Occupancy : Class-B "Educational"
3. Type of Case : New [Academic Block: GF + 7Upper floors]
4. Details of Previous NOC : NA
5. Fire Safety directives letter No : F6/DFS/MS/BP/2015/103 dated 09/04/15
6. Date of inspection : 25/08/2017
7. Name of Inspecting Officer : A. K. Malik
8. Name and designation of officers
From the building side : Mr. Sanjay Roy, Chief Engineer (Civil)
9. Year of Construction : 2017
10. Applicant's letter No. : IIITD/BldgProj/PhaseII/181/2014P-V dated 23/08/17, outdoor diary no. _____ dated 23/08/2017

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	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 	12m 4.5m 6m	12m 5m 6m	MR MR MR
2.	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	<ul style="list-style-type: none"> • Upper Floors • Basements 	3 Nos NA	Provided NA	MR NA
	b. Width of staircases			
	<ul style="list-style-type: none"> • Upper Floor • Basements 	1.5m NA	2m, 1.6m & 1.55m NA	MR NA
	c. Protection of exits			
	<ul style="list-style-type: none"> • Fire check door • Pressurization 	Required Required	Provided Natural Ventilation	MR MR
	d. No. of continuous staircases to terrace	3 Nos	Provided	MR
	e. Width of Corridor	NA	2.15m	MR
	f. Door Size	1m	Provided	MR
3.	Compartmentation			
	<ul style="list-style-type: none"> • Fire check door • Sealing of electrical shafts • Fire Rating of shaft door • Water Curtain • Fire Dampers 	Required Required Required NA Required	Provided Provided Provided NA Provided	MR MR MR NA MR
4.	Smoke Management System			
	<ul style="list-style-type: none"> • Basements • Upper floors 	NA 12 a/c per hour	NA Provided	NA MR
5.	Fire Extinguishers			
	<ul style="list-style-type: none"> • Total numbers • Types • IS marking 	60 No's ABC/ W. CO ₂ /CO ₂ ISI	60 No's 24/-/24 No's Yes	MR MR MR
6.	First-Aid Hose Reels			
	<ul style="list-style-type: none"> • Total numbers on each floor • Length of hose reel hose • Nozzle diameter 	Three 45m 5mm	Provided Provided Provided	MR MR MR
7.	Automatic fire detection and alarming system			
	<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 Required -NA- Required Required	Provided Ground Floor Each Floor Provided All floors	MR MR -NA- MR MR

10.	Automatic Sprinkler System			
	<ul style="list-style-type: none"> Basement Ground Floor Sprinkler above false ceiling 	NA	NA	NA
		Required	Provided	MR
		Required	Provided	MR
11.	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser/down-comer Number of hydrants per floor Hose Box 	100mm	150mm	MR
		03Nos	Provided	MR
		03Nos	Provided	MR
12.	Yard Hydrants			
	<ul style="list-style-type: none"> Total number of hydrants Hose Box 	07 Nos	Provided	MR
		07 Nos	Provided	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 Pump House Access Terrace level <ul style="list-style-type: none"> Discharge of pump Head of the pump Power Supply Auto Starting of pump 	[Two Pump Room (PR) with similar set of Pumps]		
		2850LPM	2850LPM:PR-1 2850LPM:PR-2	MR MR
		90m	90m:PR-1 90m:PR-2	MR
		2Nos	Two:PR-1 Two:PR-2	MR MR
		2 Nos of 180 LPM	2 Nos of 180 LPM:PR-1 2 Nos of 180 LPM:PR-2	MR MR
		90m	90m:PR-1 90m:PR-2	MR
		2850LPM	2280LPM:PR-1 2280LPM:PR-2	MR MR
		90m	90m:PR-1 90m:PR-2	MR
		Required	Provided	MR
		Required	Provided	MR
		900 LPM	Provided	MR
		40m	Provided	MR
		Required	Provided	MR
		Required	Provided	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 	5,00,000 Lts	5,00,000 Lts	MR
		Required	Provided	MR
		Required	Provided	MR
		25,000 Lts.	Provided	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	Provided	MR
		Required	Natural Ventilation	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
17.	Standby power supply	Required	Provided	MR
18.	Refuge Area.			
	<ul style="list-style-type: none"> Total Area Location 	396.66m ²	Provided	MR
		6 th floor	Provided	MR
19.	Fire Control Room			
	<ul style="list-style-type: none"> Detector System Panel Flow Switch Panel PA System Panel 	Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR

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

The fire protection systems provided in the building were randomly tested, checked and found functional at the time of inspection and the shortcomings communicated vide letter no. F/6/DFS/MS/Educational/SZ/2017/2067 dated 09/08/2017 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 to grant Fire Safety Certificate under rule 35 of the Delhi Fire Service Rules 2010.

Accordingly reply letter in shape of DFA is put up.

[Signature]
25/8/17
Signature of Inspecting Officer
Name: A. K. Malik
Designation: Divisional Officer

DY. CFO(SZ)



[Signature]
25/8

CFO(SZ)

m.scell P.T.10.

[Signature]
29/8

[Signature] P.T. is put up for his. please

~~A~~ CFO(SZ) *[Signature]*
29/8/17

m.scell *[Signature]*
29/8

Academic Block, Inderprastha Institute of Information Technology, Okhla Industrial Estate, Phase-III, New Delhi-110020