

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

No. F.6/DFS/MS/Residential/SZ/2018/ 240

Dated: 12/2/18

FIRE SAFETY CERTIFICATE

Certified that the **Hostel Block (H-1), Inderprastha Institute of Information Technology, situated at Okhla Industrial Estate, Phase-III, New Delhi-110020** comprised of Half Sunken Basement, Ground & Ten Upper Floors. The premise was inspected by the officer concerned of this department on 01/02/2018 in the presence of Mr. Sanjay Roy, Chief Engineer (Civil) and found that the said Residential 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 the building block is fit for occupancy class "**Group A Residential building**" with effect from ~~-----~~ 12/2/2018 for a period of **five 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..... 12/2/18at 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. 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 http://delhi.gov.in/wps/wcm/connect/doit_fire/FIRE/Home/Forms
5. 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.
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."

1. Name & address of the building : Hostel Block (H-1), Inderprastha Institute of Information Technology, Okhla Industrial Estate, Phase-III, New Delhi-110020
2. Type of Occupancy : Class-A "Residential"
3. Type of Case : New [Hostel Block (H-1): Half sunken basement + G. Floor + 10 Upper 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 : 01/02/2018
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. : Form 'I' dated 29/01/2018

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			
	• Road width	12m	12m	MR
	• Gate width	4.5m	5m	MR
	• Width of internal road	6m	6m	MR
2.	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	• Upper Floors	2 Nos	Provided	MR
	• Basements	2 Nos	Provided	MR
	b. Width of staircases			
	• Upper Floor	1.5m	Provided	MR
	• Basements	1.5m	Provided	MR
	c. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	Natural Ventilation	MR
	d. No. of continuous staircases to terrace	2 Nos	Provided	MR
	e. Width of Corridor	Required	1.5m	MR
	f. Door Size	1m	Provided (final exit)	MR
3.	Compartmentation			
	• Fire check door	Required	Provided	MR
	• Sealing of electrical shafts	Required	Provided	MR
	• Fire Rating of shaft door	Required	Provided	MR
	• Water Curtain	NA	NA	NA
	• Fire Dampers	NA	NA	NA
4.	Smoke Management System			
	• Basements	Required	M. V. Provided	MR
	• Upper floors	12 a/c per hour	Natural Ventilation	MR
5.	Fire Extinguishers			
	• Total numbers	24 No's	24 No's	MR
	• Types	ABC/ W. CO ₂ /CO ₂	12/12/-- No's	MR
	• IS marking	ISI	Yes	MR
6.	First-Aid Hose Reels			
	• Total numbers on each floor	Two	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-	Provided	NA
	• Location of Main Panel	-NA-	Entrance Lobby	NA
	• Location of Repeater Panel	-NA-	-NA-	NA
	• Alternate source of power	-NA-	Provided	NA
	• Hooters' Location	-NA-	All Floors	NA
		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	Provided	MR
		NA	NA	NA
		NA	NA	NA
11.	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser/down-comer Number of hydrants per floor Hose Box 	100mm	Provided	MR
		02Nos	Provided	MR
		02Nos	Provided	MR
12.	Yard Hydrants			
	<ul style="list-style-type: none"> Total number of hydrants Hose Box 	05 Nos	Provided	MR
		05 Nos	Provided	MR
13.	Pumping Arrangements			
	<ul style="list-style-type: none"> Ground Level 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 	[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
	<ul style="list-style-type: none"> Terrace level Discharge of pump Head of the pump Power Supply Auto Starting of pump 	NA	900 LPM	NA
		NA	35m	NA
		NA	Provided	NA
		NA	Provided	NA
14.	Captive Water Storage for fire fighting			
	<ul style="list-style-type: none"> Underground tank capacity 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
		10,000 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 	Required	91m ²	MR
		Required	8 th Floor	MR
19.	Fire Control Room			
	<ul style="list-style-type: none"> MOEFA System Panel Flow Switch Panel 	Required	Provided	MR
		NA	NA	NA

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

Note: The Fire Safety Directives were issued vide letter mentioned above for a building comprised for Ground Floor and 10 Upper floors, however a small sunken basement is created due to rocky terrain during excavation for foundation as represented by applicant vide letter dated 12/12/2017 (C-66). This basement is not affecting the fire prevention and fire safety measures of the building as this small basement is having three exit on all the sides to the ground level, two staircases duly segregated at ground level and provided with sprinkler system & Mechanical Ventilation system, required as per NBC.

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 Form "H" in shape of DFA is put up for approval.

A. K. Malik
9/2/18

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

DY. CFO(SZ)

Deep
2/2

CFO(SZ)

The sunken basement is addition to the floor approved by the client which inspecting officer has pointed out in his inspection note. pl get it examined from FWD & give opinion as sprinkler system and ventilation system are also provided

CFO FWD.
M
5/2/18

M
5/2

ADD/SRS *Pls ex*

