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GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEAD QUARTERS: DELHI FIRE SERVICE: NEW DELHI - 110001

No F 6 / DFS / MS / 2022/WZ/College/ 14

Dated 30/09/2022

FIRE SAFETY CERTIFICATE

Certified that the **National Institute of Technology** located at **Plot No. FA-07, Zone P1, Narela Sub City, Delhi-110036** comprised of **03 Blocks , Academic Block-07 (Basement+Ground+Five upper floors) Residential Block-01(Basement+Ground+Seven upper floors) & Academic Block-08 (Basement+Ground+Two upper floors)** owned/occupied by **National Institute of Technology** have complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and verified by the officers concerned of Fire Service on **29.09.2022** in the presence of **Sh. A.K. Garg (Add. GM, Engineering-NBCC)** and found that the building/ premises is fit for **occupancy 'Mixed' (Business, Educational & Residential)** with effect from **30/09/2022** for a period of **03 (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**30/09/2022** at New Delhi by



(A.K. Garg)

Director

Ph-011-23414000

JKR

Conditions for the validity of Fire Safety Certificate:

1. All the fire safety arrangement provided there-in shall be maintained in good working conditions at all times.
2. Loss of life or property due to non functional fire safety measure shall be at the responsibility of the management.
3. The trained fire fighting staff should be available round the clock.
4. Any deviation with regard to the construction etc shall be verified by the concerned building sanctioning agency.
5. This certificate cannot be treated in any case for regularizations of unauthorized construction.
6. The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director of Form 'J' [sub rule (1) of rule 37] along with a copy of this Certificate, six months prior to its expiry".
7. 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
8. All the means of escape shall be kept free of any obstruction all the time to evacuate the occupant, in a safe manner, in the event of emergency.

INSPECTION REPORT

1. Name & address of the building : National Institute Of Technology, located at Plot No. FA-7, Zone-P I, Narela Subcity, Delhi-110036.
2. Type of Occupancy : Mixed (Business, Educational & Residential)
3. Building comprised : Academic Block 07(Basement+Ground+Five Upper Floors)
Residential Block 01(Basement+Ground+Seven upper floors)
Academic Block 08 (Basement+Ground+Two upper floors)
4. Type of Case : New Case
5. Details of Previous NOC : NIL
6. Fire Safety directives letter No : F6/DFS/MS/BP/2017/124 Dated: 04/05/2017 (Academic Block-07)
F6/DFS/MS/BP/2017/16 Dated: 17/01/2017 (Resi. Blk-01 & Acad. Blk-08)
7. Date of inspection : 29.09.2022
8. Name of Inspecting Officer : DO/NW & ADO/BW
9. Name and designation of officers
From the building side : Sh. A.K. Garg (Add.G.M. Engineering-NBCC)
10. Year of Construction : 2022
11. Applicant's letter No. : Completion Case (Online id- 10106619) Dated-21/09/2022

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	As per Directives letter no. F6/DFS/MS/BP/2017/124	Provided at site	Remarks MR/NMR
1.	Access to building			
	• Road width	06 m	Provided	MR
	• Gate width	05 m	Provided	MR
	• Width of internal road	06 m	Provided	MR
2.	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	• Upper Floors	02(Acad. Block-7) 04(Resi. Block-01) 02(Acad. Block-08)	Provided	MR
	• Basements	Acad. Blk-07 (02 Staircase & 02 Ramp). Resi Blk.-01(04 staircase. 02 Ramp) & Acad. Blk.-08 (02 staircase) Exits- Acad. Blk-07(02) & Resi. Blk-01 & Acad. Blk-08(04)	Provided	MR
	b. Width of staircases			
	• Upper Floor	Academic Blocks-2 m Residential Block-1.5 m	Provided	MR
	• Basements	Academic Block-2 m Residential Block-1.5 m Ramp 4 m	Provided	MR
	c. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	Provided	MR
	d. No. of continuous staircases to terrace	All	All	MR
		02 m	Provided	MR
	e. Width of Corridor	1.50 m, 02 m for Assembly Hall	Provided	MR
	f. Door Size			
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	Required	Provided	MR
	• Fire Dampers	Required	Provided	MR
4.	Smoke Management System			
	• Basements	30 a/c per hour	Provided	MR
	• Upper floors	12 a/c per hour	Provided	MR
5.	Fire Extinguishers			
	• Total numbers	70	90	MR

	<ul style="list-style-type: none"> Types IS marking 	Water/ Co2/ ABC Yes	Water /Co2/ ABC Yes	MR
6.	First-Aid Hose Reels			MR
	<ul style="list-style-type: none"> Total numbers on each floor Length of hose reel hose Nozzle diameter 	Academic Block-02 Residential Block-04 30m 5mm	Provided 30m 5mm	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 G.F. NA Required NA	Provided Provided NA Provided NA	MR MR NA MR NA
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	<ul style="list-style-type: none"> Basement Upper Floor Sprinkler above false ceiling 	Required Required Required	Provided Provided Provided	MR MR MR
11.	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser/down-comer Number of hydrants per floor Hose Box 	150 mm Academic Block- 02 Residential Block-04 Required	Provided Provided Provided	MR MR MR
12.	Yard Hydrants			
	<ul style="list-style-type: none"> Total number of hydrants Hose Box 	14 Required	Provided Provided	MR MR
13.	Pumping Arrangements, Two Pump Rooms, one at(Academic Block-07) & one at (Resi. Blk-01 & Acad. Blk-08)			
	<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 	Academic Blk-2850 lpm Residential- 2280 x 2 80 m 02 180 lpm x 4 80 m 2850 lpm & 2280 lpm 80 m Required Required 900 lpm 80 m Required Required	Provided Provided Provided Provided Provided Provided Provided Provided Provided Provided Provided Provided Provided	MR MR MR MR MR MR MR MR MR MR MR MR 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 	2,00,000 ltrs x 2 Required Required Required (Acad. Blk.-07)20,000 ltrs &(Resi Blk-01& Acad.Blk-08) 25000 ltrs	Provided Provided Provided Provided Provided	MR MR MR MR 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 	Required Required Required	Provided Provided Provided	MR MR MR

17.
18.
19.

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	• Fireman's Grounding Switch	Required	Provided	MR
	• Lift Signage	Required	Provided	MR
MR	17. Standby power supply	Required	Provided	MR
MR	18. Refuge Area.			
	> Total Area	NA	NA	NA
	> Location	NA	NA	NA
	19. Fire Control Room			
	• Detector System Panel	Required	Provided	MR
	• Flow Switch Panel	NA	NA	NA
	• PA System Panel	Required	Required	MR
	• Battery backup	Required	Required	MR
	• Building Floor Plans	NA	NA	NA
	20. Special Fire Protection System for Protection of special Risks, if any:	Required	Provided	MR

The fire protection systems provided in the building were tested, checked and found functional at the time of inspection. The management had rectified the shortcomings/observations issued vide letter no.F6/DFS/MS/2022/WZ/College/44 and letter no. F6/DFS/MS/2022/WZ/College/43 dated 17/08/2022

In view of the substantial compliance of the minimum standards of the fire prevention and fire safety measures as required under rules it is recommended to Grant Fire Safety Certificate under rule 35 of Delhi Fire Service Rules,2010.

(Signature)
 ADO(BT) 29/9/22

Signature of Inspecting Officer
 Name:- Rajeev Kumar Sinha
 Designation:- ADO/BW

(Signature)
 29/09/2022
 Dy. CRO (WZ)

(Signature)
 30/9/2022

(Signature)
 30/9/2022

(Signature)
 30/9/22

FFPL

Adv. Mr. F.T. letter in respect to samples
(Signature)
 ADO(BT) 29/9/22