


NO. F6/DFS/MS/2013/ 90

DATED: 19/03/13

FIRE SAFETY CERTIFICATE

Certified that the M/s IIIT Delhi, Campus extension of G.B. Pant Polytechnic Campus building at Okhla Phase III, New Delhi 110020, six block comprised of academic block (ground plus five upper floors), hostel block boys (ground plus five upper floors) , girls hostel block (ground plus four upper floors), dinning block (ground plus three upper floors), library block (ground plus three upper floors) and residential block (stilt plus eleven upper floors) owned/occupied by Govt. of NCT Delhi (Dept. of Training & Tech. Edu.) 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 28.02.2013 in the presence of Mr. D.D. Bhardwaj (Project Manager), of the Institute and that the building is fit for occupancy class "Mixed building" with effect from.....19/03/13 for a period of three years 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 Rule, 2010,subject to condition as mentioned below.

Issued on19/03/13..... at New Delhi by


Chief Fire Officer
Delhi Fire Service

Copy To:-

1. Mr. O.P. Shukla, Dy. Director, Deptt. Of Trg. & Tech. Edu. Govt. of NCT of Delhi, Pitampura, Delhi-110088.

Conditions for the validity of fire safety certificate

1. All the fire safety and means of escape facilities shall be maintained in good working conditions at all time. Any lapse rendering fire safety or means of evacuation facilities rendering non-functional shall be the responsibility of the management.
2. Building Sanctioning authority may verify any deviation with regard to the construction/occupancy in the building. In case of any deviation, the fire safety certificate stands null and void.
3. The staffs shall be trained for operating fire fighting system and mock evacuation drills be conducted at regular intervals and record be maintained.
4. The basement shall be used strictly as per the provisions of Building Bye laws.
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 www.dfs.delhigovt.nic.in

INSPECTION REPORT

1	Name & address of the building	M/s IIIT Delhi, Campus extension of G.B. Pant Polytechnic Campus building at Okhla Phase III, New Delhi 110020		
2	Type of Occupancy	Mixed Building		
3	Type of case	New		
4	Details of previous NOC	No		
5	Fire safety directives letter No	F6/DFS/MS/BP/2010/1094 Dated 15.04.2010		
6	Date of inspection	28.02.2013		
7	Name of the inspecting Officers :	D.O. (South) D.P. Bhardwaj, ADO(BCP) S S Kaushik		
8	Name and designation of officers	Mr. D. D. Bhardwaj (Project Manager)		
	from the building side			
9	Year of construction	2012		
10	Applicant's letter No.	61/1/2008-09/ADPL/106	Dated 12.02.2013	
		Resid block :- Stilt + 11 Upper floor, Library block :- G+3 Upper Floors, Academic block:- G+ 5 Upper Floors, Boys Hostel :- G+ 5 Upper Floors, Girls Hostel :- G+4 upper Floors & Dinning block :- G+ 3 Upper Floors		
S. NO.	Minimum Standards on fire prevention and fire safety U/R 33	NBC Requirement	Provided at site Old Case	Remarks MR / NMR
1	Access to building			
	1) Road width	Accessible	Provided	MR
	2) Gate width	6mtrs	Provided	MR
	3) Width of internal road	6 Mtr	Provided	MR
2	Number, width Type & arrangement of exits			
	a. Number of staircases			
	1. Upper floors	Resid. Block 2 Nos., Library Block 2 Nos., Academic Block 5 Nos., Dinning Block 3 Nos. Boys Hostel Block 5 Nos. & Girls Hostel Block 4 Nos.	(Resid. Block 2 Nos stairs.), (Library Block 2 Nos. Stairs), (Academic Block 5 Nos. stairs:- 2 nos. ground to Terrace, 1 no. ground to 1st floor, 1 no 1st to terrace, 1 no ground to 2nd floor & 1 ramp ground to 2nd floor.), (Dinning Block 3 Nos.stairs), (Boys Hostel Block 5 Nos. stairs) &(Girls Hostel Block 4 Nos.stairs) Provided	MR
	2. basements	N/A	N/A	N/A
	b. Width of staircase			
	1. Upper floors	1.5 Mtr	1.5 Mtr each provided in all block	MR
	2. basements	N/A	N/A	N/A
	c. Protection of exits			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	N/A	N/A	N/A
	d. No. of continuous staircase to terrace	Required	17 Nos. Provided	MR
	e. Width of corridor	Required	1.5 Mtr Provided	MR
	f. Door size	Required	1.5 Mtr Provided	MR

3	Compartmentation.				
	1. Fire check door	Required	Provided	MR	
	2. Sealing of electrical shafts	Required	Provided	MR	
	3. Fire Rating of shaft door	Required	Provided	MR	
	4. water curtain	N/A	N/A	N/A	
	5. Fire dampers	Required	Provided	MR	
4	Smoke Management system.				
	basement	30 a/c per hour	12	N/A	N/A
	upper floors			Natural Ventilation	MR
5	Fire Extinguishers				
	total numbers			212. Nos. Provided	MR
	Types			ABC, Water Co2 & Co2	
	ISI marking	ISI		Yes	MR
6	First-Aid Hose Reels.				
	total numbers on each floor	Required		Resid. Block 1 Nos., Library Block 1 Nos., Academic Block 3 Nos., Dinning Block 3 Nos. Boys Hostel Block 5 Nos. & Girls Hostel Block 4 Nos. Provided	MR
	Length of Hose reel hose	30 m		Yes	MR
	Nozzle Diameter	5 mm		Yes	MR
7	Automatic fire detection and alarming system				
	Type of detectors	Required		Smoke & Heat Provided in all Block expect in Resid. Block.	MR
	location of Main Panel	Required		Service Block Provided	MR
	location of Repeater panel	Required		Provided	MR
	Alternate source of power	Required		Provided	MR
	hooter's location	Required		Staircase & Corridor	MR
8	MOEFA	Required		Provided	MR
9	Public Address System.	Required		Provided	MR
10	Automatic Sprinkler System.				
	basement	N/A		N/A	N/A
	upper floors	Required		Academic, Dinning & Library block	MR
	sprinkler above false ceiling	N/A		N/A	N/A
11	Internal Hydrants				
	Size of riser/down-corner	100mm		Provided	MR
	Number of Hydrants per floor	Required		Resid. Block 1 Nos., Library Block 1 Nos., Academic Block 3 Nos., Dinning Block 3 Nos. Boys Hostel Block 5 Nos. & Girls Hostel Block 4 Nos. Provided	MR
	hose Box	Required		Resid. Block 1 Nos., Library Block 1 Nos., Academic Block 3 Nos., Dinning Block 3 Nos. Boys Hostel Block 5 Nos. & Girls Hostel Block 4 Nos. Provided	MR
12	Yard Hydrants.				
	total number of hydrants	Required		28Nos. Provided	MR
	hose box	Required		28Nos. Provided	MR

13	Pumping arrangements			
	1. Ground level			
	a. Discharge of main Pump	2280 LPM	2280 & 1620 LPM Provided	MR
	b. Head of main pump	Required	110 Mtr	MR
	c. Number of main pumps	Two	Three	MR
	d. jockey pump out put	180 LPM	180 LPM Provided	MR
	e. jockey pump head	Required	110 Mtr	MR
	f. Standby Pump output	2280 LPM	2280 & 1620 LPM Provided	MR
	g. Stanby Pump head	Required	110 Mtr	MR
	h. Auto Starting/Manual stopping	Required	Both Provided	MR
	pump house access	Required	Provided	MR
	2. Terrace level			
	a. Discharge of pump	Resid. Block 900 & Others Block 450 LPM	3 Nos 900 LPM, 3 Nos. 450 & 6 Nos. 180 Provided	MR
	b. head of the pump	Required	Between 55 to 80 Mtr	MR
	c. Power supply	Required	Provided	MR
	d. Auto starting of pump	Required	Provided	MR
14	Captive water storage for fire fighting			
	1. Underground tank capacity	3,00,000 ltr	3,00,000 ltr	MR
	a. Draw-off connection	Required	Provided	MR
	b. fire service inlet	Required	Provided	MR
	c. Access to tank	Required	Provided	MR
	Over head tank Capacity	25,000 ltr	25,000 ltr each block Provided	MR
15	Exit Signage.	Required	Provided	MR
16	Provision of lifts.			
	a. Pressurization of lift shaft	N/A	N/A	N/A
	b. pressurization of lift lobby	N/A	N/A	N/A
	c. communication in lift car	Required	Provided	MR
	d. Fireman's grounding switch	Required	Provided	MR
	e. Lift signage	Required	Provided	MR
17	Standby power supply	Required	Provided	MR
18	Refuge Area.	Not Required		
	total area			
	location			
19	Fire control room			
	a. detector system Panel	Required	Provided	MR
	b. Flow switch Panel	N/A	N/A	N/A
	c. PA system Panel	Required	Provided	MR
	d. Batter backup	Required	Provided	MR
	e. Building floor plans	Required	Provided	MR
20	Special Fire Protection systems for protection of special risks, if any:	LT and Ht panel 20 nos. co2 cylinder provided		
<p>The shortcoming communicated vide letter no F6/DFS/MS/2012/4069 Dated 30.10.12 found complied. The fire protection systems provided in the building were checked and found functional at the time of inspection. Keeping in view the substantial compliance of the minimum standards on fire prevention and fire safety required under the rules it is recommended to grant Fire Safety Certificate under rules 35 of the Delhi Fire Service Rules 2010</p> <p style="text-align: center;">Accordingly DFA is put up for your approval and signature please.</p>				
Signature of the inspecting officer		Signature of the inspecting officer		
Name	D. P. Bhardwaj	Name	S.S. kaushik	
Designation	Divisional Officer (South)	Designation	A.D.O. (BCP)	