

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

Fax: 23412593, E-mail: cfohq.dlfire@nic.in

No. F6/DFS/MS/2013/186

Dated: 18.04.2013

FIRE SAFETY CERTIFICATE

Certified that the Delhi State Cancer Institute at G.T.B. Hospital Complex, Dilshad Garden, Delhi -95, comprised of basement, ground plus three upper floors, owned/occupied by Govt. of NCT of Delhi 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 29.01.2013 in the presence of Sh.Harjeet Singh(CE-E) and that the building is fit for occupancy group C -1 "Institutional Building" with effect from 18.04.2013.. for a period of three years in accordance with the 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, printed overleaf.

Issued on.....18.04.2013.....at New Delhi by


(Dr.G.C.Misra)
Chief Fire Officer
Delhi Fire Service
Ph.23414333

To,

The Director
Delhi State Cancer Institute
G.T.B. Hospital Complex, Dilshad Garden,
Delhi -95

Copy to:-

The Chief Engineer (E),
Delhi State Cancer Institute
G.T.B. Hospital Complex, Dilshad Garden,
Delhi -95

CONDITIONS:

1. All the means of escape shall be kept free of all type of obstruction all the time.
2. All the employees shall be acquainted with the use and maintenance of all fire equipments and method of smooth and speedy safe evacuation of occupants in case of emergency.
3. All the fire fighting equipments shall be maintained in perfect working condition all the time and any lapse rendering non-functional of fire safety measures, management shall be responsible.
4. Any deviation, with regards to construction, ventilation, occupancy, electric installation etc. may be got verified from the concerned authorities.
5. Internal access road of 6 mtrs wide all around building blocks must be kept clear all the time for free movement of fire engines in case of fire.
6. Basement shall be used as per BBL.
7. The owner / occupier shall submit a declaration every year in form 'K' provided in the first schedule of Delhi Fire Service Rule 2010. The form is available on www.dfs.delhigovt.nic.in.
8. This Fire Safety Certificate may not be treated in any case for regularizations of unauthorized construction/ unauthorized use of land if any.

INSPECTION REPORT

1. Name & address of the building : Delhi State Cancer Institute at G.T.B. Hospital Complex, Dilshad Garden, Delhi.
2. Building Comprised of : B+Ground plus three upper floos
2. Type of Occupancy : Institutional (Hospital Building)
3. Type of Case : New Case
4. Details of Previous NOC : Nil
5. Fire Safety directives No : Nil
6. Date of Inspection : 29.01.2013
7. Name of the Inspecting Officer : DO Virendra Singh
8. Name of the designation of Officer
From the building side : Sh. Harjeet Singh (CE-E) with other supported staff.
9. Year of Construction : 1999
10. Applicant's letter No. : F.7(129)/DSCI/CE/2011-12/671 dated 05/02/13

S.NO.	Minimum Standards on fire prevention and fire safety U/R33	As per requirement	Provided at Site	Remarks
1	Access to building			
	<ul style="list-style-type: none"> • Road width • Gate width • Width of internal road 	12 Mtrs.	26 Mtrs.	MR
		4.5 Mtrs.	6 Mtrs.	MR
		6 Mtrs.	6 Mtrs.	MR
2	Number, Width, Type and Arrangement of Exits			
	a. Number of Staircases			
	<ul style="list-style-type: none"> • Upper Floor • Basement 	05 Nos.	05 Nos.	MR
		05 nos.	05 Nos.	MR
	b. Width of Staircases			
	<ul style="list-style-type: none"> • Upper Floor • Basement 	2.0 Mtrs.	Provided	MR
		2.0 Mtrs.	Provided	MR
	c. Protection of exits			
	<ul style="list-style-type: none"> • Fire check door • Pressurization 	Required	Provided	MR
		Required	Provided	MR
	e. No. of continuous staircases to terrace	3 nos.	5 nos.	MR
	g. Width of Corridor	2.0 M	2.40 M	MR
	h. Door Size	2.0 M	2.0 M & 1.30 M	MR
3	Compartmentation.	Required	Provided	
	<ul style="list-style-type: none"> • Fire check door • Sealing of electrical shafts • Fire rating of shaft door • Water curtain • Fire Dampers 	Required	Provided	MR
		Required	Sealed	MR
		1 hrs.	1 hrs.	MR
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4	Smoke Management System			
	<ul style="list-style-type: none"> • Basement • Upper floor 	N/A	Provided	Acceptable
		12 a/c per hour	Provided	MR

Delhi State Cancer Institute, G.T.B. Hospital Complex, Dilshad Garden, Delhi.

5.	Fire Extinguisher			
	<ul style="list-style-type: none"> Total numbers types 	50 Nos.	150 Nos.	MR
		Water Type,ABC &Co2	Provided	MR
	<ul style="list-style-type: none"> IS marking 	ISI marked	Provided	MR
6	First-aid-Hose Reels.			
	<ul style="list-style-type: none"> Total numbers of each floor Length of hose reel hose Nozzle diameter 	04 nos.	Provided	MR
		30 m	Provided	MR
		20 mm	Provided	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 	Heat & smoke	Provided	MR
		Ground floor	Provided	MR
		Ground floor	Provided	MR
		Battery & DG Set	Provided	MR
	<ul style="list-style-type: none"> Hooters's location 	Near Staircase	Provided	MR
8	MOEFA	Required	Provided	MR
9	Public address System.	Required	Provided	MR
10	Automatic Sprinkler System.	Required	Provided	MR
	<ul style="list-style-type: none"> basement upper floor sprinkler above false ceiling 	Required	Provided	MR
		-----	Provided	Acceptable
		-----	Provided	Acceptable
11	Internal Hydrants			
	<ul style="list-style-type: none"> size of riser/down-comer Number of hydrants per floor Hose Box 	150 mm	Provided	MR
		04 Nos.	Provided	MR
		04 Nos	Provided	MR
12	Yard Hydrants.			
	<ul style="list-style-type: none"> Total number of hydrants Hose Box 	06 Nos.	15 Nos.	MR
		06 Nos.	15 Nos.	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 Terrace Level Discharge of pump 	2280 LPM	2280 LPM	MR
		2280LPM	Provided	MR
		70 Mtrs.	Provided	MR
		01 No.	Provided	MR
		180 LPM	Two 180 LPM	MR
		70 Mtrs.	Provided	MR
		2280LPM	2280 LPM	MR
		70 Mtrs	Provided	MR
		Auto	Provided	MR
		Required	Provided	MR
		220 lpm	Provided	MR

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	➤ Head of the Pump	70 mtrs,	Provided	MR
	➤ Power supply	Required	Provided	MR
	➤ Auto Starting of pump	Required	Provided	MR
14	Captive Water Storage for Fire Fighting.			
	• Underground tank capacity	1,50,000 Ltrs.	1,50,000 Ltrs.	MR
	➤ Draw-off connection	Required	Provided	MR
	➤ Fire service inlet	Required	Provided	MR
	➤ Access to tank	Required	Provided	MR
	• Overhead Tank capacity	10,000 Ltrs.	20,000 Ltrs.	MR
15	Exit Signage.	Required	Provided	MR
16	Provision of Lifts.			
	• Pressurization of Lift Shaft	Required	Provided	MR
	• Pressurization of Lift lobby	Required	Provided	MR
	• Communication in lift car	Required	Provided	MR
	• Firemen's grounding switch	Required	Provided	MR
	• Lift Signage	Required	Provided	MR
17	Standby power supply	Required	320 KVA	MR
18	Refuge Area.	-----	-----	-----
	• Total area	-----	-----	-----
	• Location	-----	-----	-----
19	Fire Control Room			
	• Detector system panel	Required	Provided	MR
	• Flow switch panel	Required	Provided	MR
	• PA system panel	Required	Provided	MR
	• Battery backup	Required	Provided	MR
	• Building Floor Plans	Required	Provided	MR
20	Special Fire Protection systems for protection of special Risks, if any:	Required for HT/LT panels	Provided	MR

The fire protection systems provided in the building were tested checked and found functional at the time of inspection.

Keeping in view the compliance of the minimum standards on fire prevention and fire safety required under the rules it is recommended to grant Fire Safety Certificate under rule 35 of the Delhi Fire Service Rule 2010.

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