

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

Fax: 23412593, E-mail: cfohq.dfire@nic.in, Tel:- 011-23414333

NO.F6/DFS/MS/ Hospital/2013/SZ/770

Dated: 22/08/13

FIRE SAFETY CERTIFICATE

Certified that Escort Heart Institute & Research Centre, Okhla road, New Delhi-110025 comprised of basement, ground plus 05 upper floors was granted NOC by this department vide letter No. F.6/DFS/MS/Hospital/2002/1406 dated 02-09-2002. The premises was re-inspected by the officers concerned of this department on 07-08-2013 in the presence of Mr. H.S.Oberoi, Sangeeta Dua & R.K.Vats from the hospital side and found that the said hospital 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 the premises / building is fit for occupancy group G "Institutional building (hospital)" with effect from ~~22/08/13~~ for a period of **3(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 ~~22/08/13~~ at New Delhi by

(DR. G.C. MISRA)
CHIEF FIRE OFFICER
DELHI FIRE SERVICE

Copy to: -

1. Shri Rajiv Singhal, Owner/Occupier, Escort Heart Institute & Research Centre located at Okhla road, New Delhi-110025.

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 website www.dfs.delhigovt.nic.in
6. *Upgradation of Mechanical Ventilation system in basement and upper floors & Compartmentation of lift lobby is required in the interest of occupants safety before the next renewal.

Old Case

INSPECTION REPORT

1	Name & address of the building	M/S Escorts Heart Institute and Research Centre, Okhla Road, New Delhi-110025.		
2	Type of Occupancy	Institutional building "G" (Hospital)		
3	Type of case	Renewal		
4	Details of previous NOC	F6/DFS/MS/Hospital/1988/1329 dated 06.09.1988, F6/DFS/MS/Hospital/2002/1406 dated 02.009.2002		
5	Fire safety directives letter No	F6/DFS/MS/95/Hospital/641 Dated 22.5.1995		
6	Date of inspection	07.08.2013		
7	Name of the inspecting Officers	DO Dharampal Bhardwaj, ADO M.K. Chattopadhyay		
8	Name and designation of officers from the building side	H.S. Oberoi, Sangeet Dua, R.K. Vats		
9	Year of construction	Old Case		
10	Applicant's letter No.	Nil	01.05.2013	basement, ground plus five upper floors

Old Case

S. NO.	Minimum Standards on fire prevention and fire safety U/R 33	Old Case/NBC Requirement	Provided at site	Remarks MR / NMR
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1	Access to building			
	1) Road width	9Mtr	Provided	MR
	2) Gate width	5 Mtr	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	Old Case	2 Nos. Stair Basement to 2nd floor., 3 Nos. Stair Basement to terrace, 1 no. stair ground to terrace, & 1 no. stair basement to 1st floor.	MR
2.	basements	Old Case	2 Nos. Stair Basement to 2nd floor., 3 Nos. Stair Basement to terrace, 1 no. Stair basement to ground, 1 no. stair basement to 1st floor.	MR
b. Width of staircase				
1.	Upper floors	Old Case	1.5, 1.05, 1.05, 1.00, 1.95, 1.15, 1.94 Mtr Provided	MR
2.	basements	Old Case	1.5, 1.05, 1.05, 1.00, 1.95, 1.60, 1.94 Mtr Provided	MR
c. Protection of exits				
1.	Fire check door	Required	Provided	MR
2.	Pressurization	Required	Provided	MR
d. No. of continuous staircase to terrace				
		Required	Four Provided	MR
e. Width of corridor				
		Old Case	2 Mtr Provided	MR
f. Door size				
		Old Case	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	N/A	N/A	N/A
4.	water curtain	N/A	N/A	N/A
5.	Fire dampers	N/A	N/A	N/A

4 Smoke Management system.

	basement	30 a/c per hour 12 a/c per hour	Mech. Ventilation Partially Provided	MR
			Mech. Ventilation Partially	

INSPECTION REPORT

6	First-Aid Hose Reels.			
	total numbers on each floor	Old Case	4 Nos. Provided	MR
	Length of Hose reel hose	Old Case	30 Mtrs Provided	MR
	Nozzle Diameter	Old Case	5mm Provided	MR
7	Automatic fire detection and alarming system			
	Type of detectors	Required	(Somke) Provided	MR
	location of Main Panel	Required	Ground Floor	MR
	location of Repeater panel	Required	Provided	N/A
	Alternate source of power	Required	Battery Backup Provided	MR
	hooter's location	Required	Provided	MR
8	MOEFA	Required	Provided	MR
9	Public Address System.	Required	Provided	MR
10	Automatic Sprinkler System.			
	basement	Required	Provided	MR
	upper floors	Required	Provided	MR
	sprinkler above false ceiling	N/A	N/A	N/A
11	Internal Hydrants			
	Size of riser/down-corner	Old Case	150 MM Provided	MR
	Number of Hydrants per floor	Old Case	Four Provided	MR
	hose Box	Old Case	Four Provided	MR
12	Yard Hydrants.			
	total number of hydrants	Old Case	18 Nos. Provided	MR
	house box	Old Case	18 Nos. Provided	MR
13	Pumping arrangements			
	1. Ground level			
	a. Discharge of main Pump	Old Case	2850 LPM	MR
	b. Head of main pump	Old Case	90 Mtr	MR
	c. Number of main pumps	Old Case	Four Provided	MR
	d. jockey pump out put	Old Case	180 LPM	MR
	e. jockey pump head	Old Case	90 Mtr	MR
	f. Standby Pump output	Old Case	2850 LPM (One)	MR
	g. Stanby Pump head	Old Case	90 Mtr	MR
	h. Auto Starting/Manual stopping	Old Case	Both Provided	MR
	pump house access	Old Case	Provided	MR
			Old Case	
	2. Terrace level			
	a. Discharge of pump	Old Case	900 LPM Provided	MR
	b. head of the pump	Old Case	40 Mtr Provided	MR
	c. Power supply	Old Case	Provided	MR
	d. Auto starting of pump	Old Case	Provided	MR
14	Captive water storage for fire fighting			
	1. Underground tank capacity	Old Case	2,10,000 Ltr Provided	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	Old Case	25,000 ltr Provided	MR
15	Exit Signage.	Required	Provided	MR
16	Provision of lifts.			
	a. Pressurization of lift shaft	Required	Provided	MR
	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

INSPECTION REPORT

17	Standby power supply	Required	Provided	
18	Refuge Area.			MR
	total area	Not Required		
	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: Co2 Flooding manual provided.			MR

***-Up gradation of mechanical Ventilation system in basement and upper floors & Compartmentation of lift lobby is required before the next renewal.**

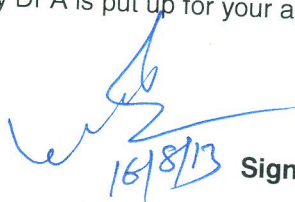
The fire protection systems provided in the building were checked and found functional at the time of inspection.

Keeping in view the substantial compliance of the minimum standards on fire prevention and fire safety required under the rule it is recommended to grant of Fire Safety Certificate under rules 35 of the Delhi Fire Service Rules 2010 Accordingly DFA is put up for your approval and signature please.

Signature of the inspecting officer

Name Dharampal Bhardwaj

Designation : Divisional Officer

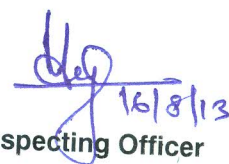


16/8/13

Signature of the Inspecting Officer

Name M.K. Chattopadhyay

Designation ADO (M.Rd)



16/8/13