

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

E-mail: gargatul@hotmail.com, Tel:- 011-26189168

No. F6/DFS/MS/Hospital/SZ/2016/ **694**

Dated: **3/5/16**

FIRE SAFETY CERTIFICATE

Certified that **Escort Heart Institute & Research Centre located at Okhla Road, New Delhi-10025** comprised of basement, ground plus five upper floors was granted Fire Safety Certificate by this department vide letter No. F.6/DFS/MS/Hospital/2013/SZ/770 dated 22.08.2013 and was re-inspected by the officer concerned of this department on 20.04.2016 in the presence of Dr. Somesh Mittal (Zonal Director), Mrs. Sangita Dua (Admin Head), Dr. Anand Bansal (Medical Director), Mr. S.N. Sharma (CSO) and found that management have deemed complied with the fire prevention and fire safety requirements in accordance with Delhi Fire Service Act 2010 & Delhi Fire Service Rules 2007 and that the building/premises is fit for occupancy class **Group-C Institutional Building** with effect from **3/5/16** for a period of 03 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 and subject to compliance of the conditions under rule 38 of the Delhi fire service Rules, 2010 subject to conditions printed below.

Issued on **3/5/16** at New Delhi by.


(ATUL GARG)

Dy. CHIEF FIRE OFFICER

Copy to: -

1. The Director, Escort Heart Institute & Research Centre, Okhla Road, New Delhi- 10025
2. The Executive Engineer (Bldg.)-I, SDMC, 8th floor, Civic Centre, Minto Road, New Delhi-110002.

Conditions for the validity of Fire Safety Certificate

- a. 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.
- b. Any loss of life or property due to non functional fire safety measures shall be at the responsibility of the management.
- c. Basement shall be used as per the provisions of BBL.
- d. 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.
- e. The staffs shall be trained for operating fire fighting system and mock evacuation drills be conducted at regular intervals and record be maintained.
- f. 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
- g. * Upgradation of mechanical ventilation system in basement and upper floors & compartmentation of lift lobby is required before the next renewal.

INSPECTION REPORT

1. Name & address of the building : Escort Heart Institute & Research Centre, Okhla Road, New Delhi- 10025
2. Type of Occupancy : Institutional
3. Type of Case : Renewal
4. Details of previous NOC : F.6/DFS/MS/Hospital/2013/SZ/770 dated 22.08.2013
5. Fire Safety directives letter No : Delhi Fire Service Act. 2010 & Delhi Fire Service Rules 2007
6. Date of inspection : 20.04.2016
7. Name of the Inspecting Officers : Dharampal Bhardwaj, DO(SZ), M.K.Chattopadhyay, ADO (M.Road)
8. Name and designation of officers from the building side : Dr. Somesh Mittal (Zonal Director), Mrs. Sangita Dua (Admin Head), Dr. Anand Bansal (Medical Director), Mr. S.N. Sharma (CSO)
9. Year of Construction : 1984-85
10. Applicant's letter No. : nil dated 01.04.2016

Escort Heart Institute & Research Centre is comprised of basement, ground plus five upper floors.

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	09 mts	Provided	MR
	• Gate width	05 mts	Provided	MR
	• Width of internal road	06 mts	Provided	MR
2	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases	-----	-----	-----
	• Upper Floors	Old Case	02 Nos. stairs Basement to 2 nd floor, 03 Nos. stairs basement to terrace, 01 No. ground to terrace & 01 No. basement to 1 st floor	MR
	• Basements	Old Case	02 Nos. stairs Basement to 2 nd floor, 03 Nos. stairs basement to terrace, 01 No. basement to ground & 01 No. basement to 1 st floor	MR
	b. Width of staircases	-----	-----	-----
	• Upper Floors	Old Case	Basement to 2 nd floor-1.5&1.05 mts. basement to terrace- 1.95, 1.05, 1.0, ground to terrace- 1.15 mts., basement to 1 st floor- 1.94 mts.	MR
	• Basements	Old Case	Basement to 2 nd floor-1.5&1.05 mts. basement to terrace- 1.95, 1.05, 1.0, basement to ground- 1.60 mts., basement to 1 st floor- 1.94 mts.	MR
	c. Protection of exits	-----	-----	-----
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	Provided	MR
	e. No. of continuous staircases to terrace	03	Provided	MR
	g. Width of Corridor	Old case	Provided (2.0 mts)	MR
	h. Door Size	Old Case	Provided	MR
3	Compartmentation.			
	• Fire check door	Required	Provided	MR
	• Sealing of electrical shafts	Required	Provided	MR

	<ul style="list-style-type: none"> Water Curtain Fire Dampers 	N/A	N/A	N/A
		N/A	N/A	N/A
4	Smoke Management System.			
	<ul style="list-style-type: none"> Basements Upper floors 	30 a/c per hour 12 a/c per hour	Mech. Ventilation partially provided Mech. Ventilation partially provided	MR MR
5	Fire Extinguishers			
	<ul style="list-style-type: none"> Total numbers Types IS marking 	150 Nos. ABC, CO ₂ , WCO ₂ , Foam Required	Provided Provided Provided	MR MR MR
6	First-Aid Hose Reels.			
	<ul style="list-style-type: none"> Total numbers on each floor Length of hose reel hose Nozzle diameter 	04 nos. 30 m 5 mm	Provided Provided Provided	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 Ground floor Each floor Required Each floor	Provided Provided Provided Provided Provided	MR MR MR MR MR
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 N/A	Provided Provided N/A	MR MR N/A
11	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser/down-comer Number of hydrants per floor Hose Box 	Old case Old case Old case	Provided (150 mm) Provided (04 Nos.) Provided (04 Nos.)	MR MR MR
12	Yard Hydrants.			
	<ul style="list-style-type: none"> Total number of hydrants Hose Box 	Old case Old case	Provided (18 Nos.) Provided (18 Nos.)	MR MR
13	Pumping Arrangements.			
	<ul style="list-style-type: none"> Ground Level ➤ Discharge of main Pump ➤ Head of Main pump 	----- Old case Old case Old case	----- Provided (2850 LPM) Provided (90 Nos.) Provided (04 Nos.)	----- MR MR MR

	➤ Jockey pump head	Old case	Provided (90 Mts.)	MR
	➤ Standby Pump out put	Old case	Provided (2850 LPM)	MR
	➤ Standby Pump Head	Old case	Provided (90 mts.)	MR
	➤ Auto Starting/ Manual stopping	Old case	Provided	MR
	➤ Pump House Access	Old case	Provided	MR
	• Terrace level	-----	-----	-----
	➤ Discharge of pump	Old case	Provided (900 LPM)	MR
	➤ Head of the pump	Old case	Provided (40 mts.)	MR
	➤ Power Supply	Old case	Provided	MR
	➤ Auto Starting of pump	Old case	Provided	MR
14	Captive Water Storage for fire fighting.			
	• Underground tank capacity	Old case	Provided (2,10,000 lts)	MR
	➤ Draw-off connection	Required	Provided	MR
	➤ Fire service inlet	Required	Provided	MR
	➤ Access to tank	Required	Provided	MR
	• Overhead Tank capacity	Old case	Provided (25,000 lts)	MR
15	Exit Signage.	Required	Provided	MR
16	Provision of Lifts.			
	• Pressurization of Lift Shaft	Required	Provided	MR
	• Pressurization of Lift lobby	N/A	N/A	N/A
	• Communication In lift Car	Required	Provided	MR
	• Fireman's Grounding Switch	Required	Provided	MR
	• Lift Signage	Required	Provided	MR
17	Standby power supply	Required	Provided	MR
18	Refuge Area.			
	➤ Total Area	N/A	N/A	N/A
	➤ Location	N/A	N/A	N/A
19	Fire Control Room			
	• Detector System Panel	Required	Provided	MR
	• Flow Switch Panel	N/A	N/A	N/A
	• PA System Panel	Required	Provided	MR
	• Batter backup	Required	Provided	MR
	• Building Floor Plans	Required	Provided	MR
20	Special Fire Protection Systems for Protection of special Risks, if any:	Required	CO ₂ flooding system Provided at elect. Panel.	MR

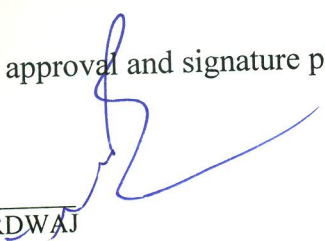
* Upgradation of mechanical ventilation system in basement and upper floors &

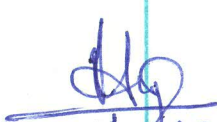
Installation of lift lobby is required before the next renewal

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

In view the deemed compliance of the minimum standards on fire prevention and fire safety measures as required under the rules, the NOC issued vide letter No. F.6/DFS/MS/Hospital/2013/SZ/770 dated 22.08.2013, renewal under the Delhi Fire Service Act. 2010 & Delhi Fire Service Rules 2007 is recommended.

Submitted for approval and signature please


DHARAMPAL BHARDWAJ
DO (SZ)


20/4/2016
M.K. CHATTOPADHYAY
ADO (M. Road)

~~DCFO (SZ)~~

~~28/4/16~~

~~DIRECTOR/DFS~~

~~MS~~

F.t. letter is prepared and put up for

Disposal plan.

~~DY CPO (SZ)~~

~~25/4/16~~

~~1~~
~~for file~~
~~3.5.16.~~