

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS, DELHI FIRE SERVICE, CONNAUGHT PLACE
NEW DELHI-110001

No. F6/DFS/MS/Hospital/2012/2201

Dated: 20/06/12

FIRE SAFETY CERTIFICATE

Certified that the Institute of Liver & Biliary Sciences Phase-I located at D-1, Vasant Kunj, New Delhi-110070, comprised of Lower Basement, Upper Basement, Ground + 4 Upper Floors was granted NOC by this department vide office letter No. F6/DFS/MS/Hospital/09/2685 dated 02/09/09. The premises was re-inspected by the officer concerned of this department on 12/06/12 in the presence of Mr. Amit Gautam (Asstt. Manager fire & security) and found that the said hospital 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 fit for occupancy class Institutional Building Group C-I Hospital with effect from 20/06/12 for period of 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, subject to conditions given below.

Issued 20/06/12 at New Delhi by.


Chief Fire Officer
Delhi Fire Service

Copy to:- (1) DHO (NM/HR),
Institute of Liver & Biliary Sciences Phase-I,
D-1, Vasant Kunj, New Delhi-110070.

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Following fire safety directives must be adhered to:-

1. All the fire safety arrangements provided therein shall be maintained in good working conditions at all times.
2. Any loss of life or property due to non functional fire safety measures shall be at the responsibility of the management.
3. The trained fire fighting staff should be available round the clock.
4. Any deviation w.r.t. construction etc. shall be verified by the concerned building sanctioning authority.
5. The basement shall be used as per the provisions of BBL.
6. This fire safety certificate may not be treated in any case for regularization of unauthorized construction, if any.
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

INSPECTION REPORT

1. Name & address of the building:- Institute of Liver & Biliary Sciences Phase-I,D-1,Vasant Kunj,New Delhi-110070.
2. Type of occupancy:- Institutional Building Group C-I Hospital.
3. Type of case:- Renewal
4. Details of previous NOC:- F6/DFS/MS/HOSPITAL/09/2685 dated 02/09/09
5. Fire safety directives No.-F6/DFS/MS/BP/Hospital/2001/2470 dated 07/11/01
6. Date of inspection:- 12/06/12
7. Name of the inspecting officer:- D.O. D.P. Bharadwaj & ADO S.S.Kaushik
8. Name & designation of officer
From the building side:- Mr. Amit Gautam (Asstt. Manager Fire & Security)
9. Year of construction:- 2003
10. Applicant's letter No:-F2/9/1/Fire Safety/ONM/2009/(CID-3813)/1375 Dated 14/05/12
Lower basement, upper basement, ground + 4 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	12 mtr.	25 mtr.	MR
	2) Gate width	5 mtr.	6 Mtr.	MR
	3)Width of internal road	6 mtr.	6 mtr.	MR
2.	Number, Width Type & Arrangement of Exits			
	A. Number of staircases			
	1. Upper floors	7 Nos.	7 Nos.	MR
	2. Basements	11 Nos.	11 Nos.	MR
	B. Width of staircase			
	1. Upper floors	2 mtr.	5 Nos. X 2 mtr. , 1.75 mtr.& 1.25 mtr.	MR old case
	2. Basements	2 mtr.	5 Nos. X 2 mtr. , 1.75 mtr.& 1.25 mtr. & 4 Nos.X 1.25 mtr. 1 ramp 4 mtr.	MR old case
	C. Protection of exits			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	Required	Provided	MR
	D. No. of continuous staircase to terrace	Required	6 Nos.	MR
	E. Width of corridor	2.5 mtr.	2.5 mtr. provided	MR
	F. Door size	2 mtr.	2 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 2 Hrs.	2 Hrs.	MR
	4) Water curtain	N/A	N/A	N/A

	5) Fire Dampers	Required	Provided	MR
4.	Smoke Management System			
	1) Basements	30 a/c per hour	Provided	MR
	2) Upper floors	12 a/c per hour	Provided	MR
5.	Fire Extinguishers			
	1) Total numbers	ISI Marked	276 Nos.	MR
	2) Types		ABC,DCP , M. Foam , Co2 & W. CO2	MR
	3) ISI marking		Yes	MR
6.	First-Aid Hose Reel			
	1) Total number of each floor	6 Nos.	6 at each floor	MR
	2) Length of hose reel hose	30 m	30 mtr.	MR
	3) Nozzle diameter	5 mm	6 mm.	MR
7.	Automatic Fire Detection & Alarming System			
	1) Type of detectors	Smoke & heat	Smoke & heat	MR
	2) Location of main panel	Ground floor	Ground floor	MR
	3) Location of repeater panel	Required	1st floor	MR
	4) Alternate source of power	Required	Provided	MR
	5) Hooter's Location	All Floors	All floors	MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	1) Basement	Required	Provided	MR
	2) Upper floors	Required	Provided	MR
	3) Sprinkler above false ceiling	Required	Provided	MR
11.	Internal Hydrants			
	1) Size of riser/down-comer	Yes	150 mm Dia.	MR
	2) Number of hydrants per floor	Yes	6 Nos.	MR
	3) Hose box	Yes	6 Nos.	MR
12.	Yard Hydrants			
	1) Total number of hydrants	14 Nos.	14 Nos.	MR
	2) Hose box	14 Nos.	14 Nos.	MR
13.	Pumping Arrangement			
	1) Ground level			
	a) Discharge of main pump	2850LPM X 2	2850LPM X 2	MR
	b) Head of main pump	60 mtr.	60 mtr.	MR
	c) Number of main pump	2 Nos.	2 Nos.	MR
	d) Jockey pump out put	180 LPM	180 LPM	MR
	e) Jockey pump head	60 mtr.	60 mtr.	MR
	f) Stand by pump output	2850 LPM	2850 LPM	MR
	g) Stand by pump head	60 mtr.	60 mtr.	MR
	h) Auto starting/Manual stopping	Yes	Provided	MR
	2) Terrace level			
	a) Discharge of pump	NR	900 LPM	MR
	b) Head of pump	NR	60 mtr.	MR
	c) Power supply	Required	DG & UPS Provided	MR
	d) Auto starting of pump	Required	Yes	MR
14.	Captive Water Storage for Fire Fighting			
	1) Under ground tank capacity	2,00,000 Ltrs	2,00,000 Ltrs	MR

	a) Draw-off connection	Required	Provided	MR
	b) Fire service inlet	Required	Provided	MR
	c) Access to tank	N/A	N/A	N/A
	d) Over head tank capacity	30,000 Ltrs.	30,000 Ltrs.	MR
15.	Exit Signage.	Required	Provided	MR
16.	Provision of Lifts.			
	a) Pressurization of lift shaft	Required	Provided	MR
	b) Pressurization of lift lobby	Required	compartmented	MR
	c) Communication in lift car	Yes	Provided	MR
	d) Fireman's switch	Required	Provided	MR

	e) Lift signage	Required	Provided	MR
17.	Stand by Power Supply	Required	Provided	MR
18.	Refuge Area	N/A	N/A	N/A
	Total area location	N/A	N/A	N/A
19.	Fire Control Room			
	a) Detector system panel	Required	Yes	MR
	b) Flow switch panel	Required	Yes	MR
	c) PA system panel	Required	Yes	MR
	d) Battery backup	Required	Yes	MR
	e) Building floor plan	Required	Yes	MR
20.	Special Fire Protection System for Protection of special Risk, if any:			FM 200 ,Fire trace fixed fire fighting installed on LT panel room.

Short Comif Commercial vide letter dt 19/12/11 has complied

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

Keeping in view of 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/-----

Accordingly DFA is put up please

Signature of the inspecting officer

Signature of the inspecting officer

Name:- D.P. Bharadwaj

Designation:- Divisional Officer

Name:- S.S. Kaushik

Designation:- Assistant Divisional Officer