

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

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

NO.F6/DFS/MS/Hospital/2014/ 52/1224

Dated: 19/09/14

FIRE SAFETY CERTIFICATE

Certified that Indraprastha Apollo Hospitals located at Sarita Vihar, Mathura Road, New Delhi comprised of two blocks (OPD Block and Main Block). Main block is comprised of two tier basements, ground plus six upper floors & OPD block is comprised of two tier basements, ground, service floor plus four upper floors and was granted Fire Safety Certificates by this department vide letter Nos. F.6/DFS/MS/Hospital/2011/2091 dated 26.08.2011 and F.6/DFS/MS/Hospital/2012/2454 dated 10.07.2012. The hospital was re-inspected by the officers concerned of this department on 16-08-2014 in presence of Mr. Dinesh Nehra, Fire Officer 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 / building is fit for occupancy class **Group-C Institutional Building (Hospital)** with effect from 19/09/14 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 subject to conditions as mentioned below.

Issued on 19/09/14 at New Delhi by.


(Dr. G.C. MISRA)
CHIEF FIRE OFFICER

Copy to: -

1. The Chief Engineer, Indraprastha Apollo Hospitals, Sarita Vihar, Mathura Road, New Delhi.

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 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. * **Fire check doors in staircases and lift lobbies, sprinkler system, detection system, ventilation system etc. in left out areas within 06 months shall be installed under intimation to this department.**
7. The owner/occupier shall apply for renewal of this Fire Safety Certificate, six months prior to its expiry.

INSPECTION REPORT

1. Name & address of the building :Main Building & OPD block, Indraprastha Apollo Hospital,
Mathura Road, New Delhi
2. Type of Occupancy : Institutional
3. Type of Case : Renewal
4. Details of previous NOC : Letter No. F.6/DFS/MS/Hospital/2011/2091 Dated: 26.08.2011
Letter No. F.6/DFS/MS/Hospital/2012/2454Dated: 10.07.2012
5. Fire Safety directives letter No : Letter No. F.6/DFS/MS/BP/Hospital/2010/3455 Dated: 31.12.2010
6. Date of inspection : 30-08-2014
7. Name of the Inspecting Officers :Atul Garg(DCFO), Dharampal Bhardwaj (DO, SZ), M.K.Chattopadhyay, ADO(CC)
8. Name and designation of officers
from the building side : Mr.Dinesh Nehra, Fire Officer
9. Year of Construction : 1996
10. Applicant's letter No. : Nil dated 09.07.2014

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	4.5 mts	Provided	MR
	• Width of internal road	06 mts	Provided	MR
2	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases	-	-	-
	• Upper Floors	OPD-5, Main-08	provided	MR
	• Basements	OPD-04 +02 ramp, Main-07	Provided	MR
	b. Width of staircases	-	-	-
	• Upper Floors	Old case	OPD-1.07 mts(02), 2.0 mts(02), 1.87mt(2) Main- 1.05(3), 1.08(1), 1.55(2), 1.87(1)	MR
	• Basements	Old case	OPD-1.07 mts(02), 1.0 mts(02) Main- 1.05(4), 1.79(2), 1.59(2)	MR
	c. Protection of exits	---	----	---
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	Provided	MR
	e. No. of continuous staircases to terrace	OPD-4, Main-6	provided	MR
	g. Width of Corridor	2.4 mts	Provided	MR
	h. Door Size	2.0 mts	Provided	MR

3	Compartmentation.			
	<ul style="list-style-type: none"> • Fire check door 	Required	Provided	MR
	<ul style="list-style-type: none"> • Sealing of electrical shafts 	Required	Provided	MR
	<ul style="list-style-type: none"> • Fire Rating of shaft door 	Required	Provided	MR
	<ul style="list-style-type: none"> • Water Curtain 	N/A	N/A	N/A
	<ul style="list-style-type: none"> • Fire Dampers 	Required	Provided	MR
4	Smoke Management System.			
	<ul style="list-style-type: none"> • Basements 	30 a/c per hour	Provided	MR
	<ul style="list-style-type: none"> • Upper floors 	12 a/c per hour	Provided	MR
5	Fire Extinguishers			
	<ul style="list-style-type: none"> • Total numbers 	717	Provided	MR
	<ul style="list-style-type: none"> • Types 	WCO ₂ , CO ₂ , clean agent, water mist	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 on each floor 	OPD-5, Main-8	Provided	MR
	<ul style="list-style-type: none"> • Length of hose reel hose 	30 m	Provided	MR
	<ul style="list-style-type: none"> • Nozzle diameter 	5 mm	Provided	MR
7	Automatic fire detection and alarming system.			
	<ul style="list-style-type: none"> • Type of detectors 	Smoke/heat	Provided	MR
	<ul style="list-style-type: none"> • Location of Main Panel 	Required	Provided	MR
	<ul style="list-style-type: none"> • Location of Repeater Panel 	Each floor	Provided	MR
	<ul style="list-style-type: none"> • Alternate source of power 	Required	Provided	MR
	<ul style="list-style-type: none"> • Hooters' Location 	All areas	Provided	MR
8	MOEFA			
		Required	Provided	MR
9	Public Address System.			
		Required	Provided	MR
10	Automatic Sprinkler System.			
	<ul style="list-style-type: none"> • Basement 	Required	Provided	MR
	<ul style="list-style-type: none"> • Upper Floor 	Required	Provided except (OPD-Gr, 1st floor), (Main-Gr, 1st & 2nd floor)	MR
	<ul style="list-style-type: none"> • Sprinkler above false ceiling 	Required	Provided	MR
11	Internal Hydrants			
	<ul style="list-style-type: none"> • Size of riser/down-comer 	150 mm	Provided	MR


	<ul style="list-style-type: none"> Number of hydrants per floor Hose Box 	Main-8, OPD-5	Provided	MR
		Main-8, OPD-5	Provided	MR
12	Yard Hydrants.			
	<ul style="list-style-type: none"> Total number of hydrants Hose Box 	15	Provided	MR
		15	Provided	MR
13	Pumping Arrangements.			
	<ul style="list-style-type: none"> Ground Level <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Discharge of pump Head of the pump Power Supply Auto Starting of pump 	---	----	----
		4950, 3132 LPM	Provided	MR
		84.5 mts	Provided	MR
		04	Provided	MR
		550 LPM	Provided	MR
		79.5 mts	Provided	MR
		2500 LPM	Provided	MR
		84.5 mts	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		N/A	N/A	N/A
		950 LPM	Provided	MR
		50 mt	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
14	Captive Water Storage for fire fighting.			
	<ul style="list-style-type: none"> Underground tank capacity Draw-off connection Fire service inlet Access to tank Overhead Tank capacity 	5,70,000 lts	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		1,00,000 liters	Provided	MR
15	Exit Signage.			
		Required	Provided	MR
16	Provision of Lifts.			
	<ul style="list-style-type: none"> Pressurization of Lift Shaft Pressurization of Lift lobby 	Required	Provided	MR
		Required	Provided	MR

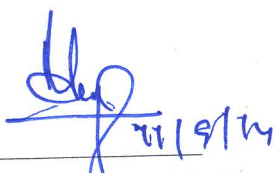
	<ul style="list-style-type: none"> • Communication In lift Car • Fireman's Grounding Switch • Lift Signage 	Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
17	Standby power supply	Required	Provided	MR
18	Refuge Area.			
	➤ Total Area	Required	Provided	MR
	➤ Location	Required	Balcony Provided at each floor	MR
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	FM-200 provided	MR

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 required under the rules, the NOC issued vide letter F.6/DFS/MS/Hospital/2011/2091 Dated 26.08.2014(Main building) and F.6/DFS/MS/Hospital/2012/2454 Dated 10.07.2012(OPD block), renewal under rule 35 of the Delhi Fire Service Rules 2010 is recommended.


ATUL GARG
DCFO


DHARAMPAL BHARDWAJ
DO(SZ)


M.K.CHATTORADHYAY
ADO(M.ROAD)