

FORM 'H': FORM FOR ISSUING FIRE SAFETY CERTIFICATE

[See sub-rule (1) of rule 35]

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

No. F6/DFS/MS/Hospital/2021/SZ/ 297

Dated: 07/07/2021

FIRE SAFETY CERTIFICATE

Certified that the Indraprastha Apollo Hospitals located at Sarita Vihar, Mathura Road, New Delhi, comprised of two blocks - OPD Block & Main (IPD) Block. Main (IPD) block is comprised of two tier Basement, Ground and Six Upper Floors & OPD Block is comprised of two tier Basement, Ground, Service Floor and Four Upper Floors was earlier granted Fire Safety Certificate by this department vide letter No. F6/DFS/MS/Hospital/SZ/1273 dated 31/05/2018. The premises was re-inspected by the officers concerned of Fire Service on 18.06.2021 in the presence of Sh. Kamal Krishan Rathee (Fire Officer) and observed that all the fire prevention and fire safety arrangements provided in the premises found in good working condition. The premises have therefore deemed complied with rule 33 of the Delhi Fire Service Rule, 2010 and that the building / premises is fit for occupancy class "**Institutional Building (Hospital)**" (Group - 'C') with effect from 07/07/2021 for a period of three years in accordance with rule 36 unless renewal under rule 37 or sooner cancelled under rule 40 and subject to compliance of the conditions under rule 38 of the DFS rules, 2010.

Issued on 07/07/2021 at New Delhi.

(ATUL GARG)
DIRECTOR.

Copy to :-

1. The Executive Engineer (Bldg), SDMC, Jal Vihar, Lajpat Nagar, New Delhi-110024.
2. The CEO, Indraprastha Apollo Hospitals, Sarita Vihar, Mathura Road, New Delhi.

Conditions for the validity of Fire Safety Certificate:

1. All the fire safety arrangement provided their in shall be maintained in good working conditions at all times.
2. Loss of life or property due to non functional fire safety measure shall be at the responsibility of the management.
3. The trained fire fighting staff should be available round the clock.
4. Any deviation with regard to the construction etc shall be verified by the concerned building sanctioning agency.
5. The basement shall be used strictly as per the provision of building bye laws.
6. This certificate cannot be treated in any case for regularizations of unauthorized construction.
7. "The owner / Occupier shall apply for renewal of this Fire Safety Certificate to the Director in Form 'J' [sub rule (1) of rule37] along with a copy of this Certificate, six months prior to its expiry".
8. 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: Indraprastha Apollo Hospitals, Sarita Vihar, Mathura Road, New Delhi.
2. Type of Occupancy : Industrial " Group-G"
3. Building Comprised of : [Two Blocks (Connected by a corridor at 3rd Floor & Lower Basement Level):- Main (IPD) Block: {2 tier Basement + Ground + Service Floor (above 1st F) + 6 Upper Floors}, OPD Block: {2tier Basement + Ground + Service Floors (above 2nd F) + 4 Upper Floors}]
4. Type of Case : Renewal
5. Details of previous NOC : F6/DFS/MS/Hospital/SZ/1273 dated 31/05/2018
6. Fire Safety directives Letter No.: F6/DFS/MS/BP/Hospital/2010/3455 dated 31/12/10
7. Date of inspection : 18/06/2021
8. Name of the Inspecting Officer : DO (SD) & A.D.O. (S.J.)
9. Name and designation of Officer
from the building side : Sh. Kamal Krishan Rathee (Fire Officer)
10. Year of Construction : 1996 & 2012
11. Applicant's letter received through email ID-kamal_r@apollohospitalsdelhi.com dated 13/04/2021:

S No	Minimum standards on fire prevention and fire safety U/R 33	Requirement as per BBL / NBC	Provided at site	Remarks MR/NMR
1.	Access of building			
	• Road width	12m	12m	MR
	• Gate width	4.5 mtr	2 X 5.8m & 1 X 4.8m	MR
	• Width of internal road	6 mtr	6 mtr	MR
2.	Number, width, Type & Arrangements of exits			
	a. Number of staircases			
	• Upper floors	IPD Block:(10 Nos) GF to Terrace -6 nos 2 nd F to 6 th F (Tower-1) -1 No. 4 th F to 6 th F (tower-2)-1No. Between GF & 3 rd F(one each in tower-1 & 2)-2No. OPD Block: 5 Nos (one staircase is not serving 1 st & 2 nd Floor)	Provided	MR (Old Case)
	• Basements	IPD Block: 7 Nos OPD Block: 4Nos	Provided	MR
	b. Width of staircases			
	• Upper floors	2m	IPD Block: (10 Nos) GF to Terrace- 1.12m, 1.1m, 2.1m, 2m, 1.09m & 1.04m 2 nd F to 6 th F (Tower- 1) - 1.42m 4 th F to 6 th F (Tower- 2)- 1.44m between GF & 3 rd F (one each in tower- 1 & 2)- 1.36m each OPD Block: 2 X 2m, 1.06m, 1.08m, (&1.5m)	MR (old case)
	• Basements	2m	IPD Block: 1.12m, 1.1m, 1.09m, 1.04m 1.36m 1.86m & 1.89m OPD Block: 1.06m, 1.08m, 0.98m, & 0.96m	MR (old case)
	c. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	Provided	MR
	d. No of continuous staircase to terrace	Required	Provided	MR
	e. Width Of Corridor	2.4m	Provided	MR
	f. Door Size	2m	Provided	MR
3.	Compartmentation			
	• Fire check door	Required	Provided	MR
	• Sealing of electrical shafts	Required	Provided	MR
	• Fire Rating of shaft door	Required	Provided	MR
	• Water Curtain	NA	NA	NA
	• Fire Dampers	Required	Provided	MR
4.	Smoke managements System			
	• Basements	30 a/c per hour	Lower Basement of OPD Block is only provided with suction	MR
	• Upper floors	12 a/c per hour	Provided only in 3 rd & 4 th floor of OPD Block	MR
5.	Fire Extinguishers			
	• Total numbers	717	Provided	MR
	• Types	ABC/WCO ₂ / CO ₂ & Foam	185/234/264/34	MR
	• ISI marking	ISI	Provided	MR

6.	First - Aid Hose Reels			
	• Total numbers on each floor	IPD-8 & OPD-5	Provided	MR
	• Length of hose reel hose	30 Mtr.	Provided	MR
	• Nozzle diameter	5 mm.	Provided	MR
7.	Automatic fire detection and alarming system			
	• Type of detector	Heat & Smoke	Provided	MR
	• Location of Main Panel	Ground Floor	Ground Floor	MR
	• Location of Repeater Panel	NA	NA	NA
	• Alternate source of power	Required	Provided	MR
	• Hooters' Location	All Areas	Provided	MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	• Basements	Required	Provided	MR
	• Upper Floor	Required [(Except in OPD-GF & 1 st F and IPD-GF, 1 st & 2 nd Floor)-N/16]	Provided	MR
	• Sprinkler above false ceiling	Required	Provided	MR
11.	Internal Hydrants			
	• Size of riser/down-comer	150 mm	Provided	MR
	• Number of hydrants per floor	IPD-8 & OPD-5	Provided	MR
	• Hose Box	IPD-8 & OPD-5	Provided	MR
12.	Yard Hydrants			
	• Total number of hydrants	15	Provided	MR
	• Hose Box	15	Provided	MR
13.	Pumping Arrangements			
	• Ground Level			
	• Discharge of main pump	2850 LPM	Internal Hydrant:4932LPM, Yard Hydrant:2280LPM, Sprinkler-1 & 2:3132LPM	MR
	➤ Head of main pump	70 m	Internal Hydrant:84m Yard Hydrant:70m Sprinkler-1&2:84m	MR
	➤ Number of main pumps	2	4	MR
	➤ Jockey pump out put	180 LPM x 2	180 LPM x 1 & 390 LPM x 2	MR
	➤ Jockey pump head	70 m each	70 m x 1 & 89m x 2	MR
	➤ Standby Pump out put	2280 LPM	2280 LPM	MR
	➤ Standby Pump Head	70m	87m	MR
	➤ Auto Staring/Manual stopping	Required	Provided	MR
	➤ Pump House Access	Required	Provided	MR
	• Terrace level			
	➤ Discharge of pump	900 LPM x 2	Provided	MR
	➤ Head of the pump	40m	40m	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 ltr	Provided	MR
	➤ Draw of connection	Required	Provided	MR
	➤ Fire service inlet	Required	Provided	MR
	➤ Access to tank	Required	Provided	MR
	• Overhead Tank capacity	20,000 lts on each block	Provided	MR

15	Exit Signage	Required	Provided	MR
16	Provision of Lifts			MR
	> Pressurization of Lift Shaft	Required	Provided	MR
	> Pressurization of lift lobby	Required	Lobbies are created with this fire rated Board & it is installed, the pressurization of lift shaft is increased in conformity with table 6 of NBC 2016 to meet the requirement	MR
	> 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			NA
	> Total area	NA	NA	NA
	> Location	NA	NA	NA
19.	Fire control room			
	> Detector system panel	Required	Provided	MR
	> Flow Switch Panel	NA	NA	NA
	> 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;	Co, flooding system in HT/LT panel	FM-200 flooding provided in panels ✓	MR

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

In view of the deemed compliance of the minimum standards of fire prevention and fire safety measures as required under the rules the FSC issued vide letter No. F6/DFS/MS/Hospital/SZ/1273 dated 31/05/2018 renewal under rule 35 of the Delhi Fire Service rules 2010 is recommended.

S.K. Dua
 23/06/21
 Signature of the Inspecting Officer
 Name : S. K. Dua
 Designation : D.O. (S.D.)

A.K. Jaiswal
 23/06/21
 Signature of the Inspecting Officer
 Name : A.K. Jaiswal
 Designation : A.D.O. (S.J.)

Defo (S2)

dh
 29/6



C.F.O.

dh
 29/6/2021

A.K. Jaiswal
 01/07/21