

**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI  
HEADQUARTERS; DELHI FIRE SERVICE, NEW DELHI-110001.**

No.F6/DFS/MS/Hospital/2017/ SZ /1281

Dated: 25/08/17

**FIRE SAFETY CERTIFICATE**

Certified that the Maharaja Agrasen Hospital ( A unit of Maharaja Agrasen Hospital Cheritable Trust), Plot No.1, Sector-1, Dwarka, New Delhi comprised of three tier basements, ground plus six upper floors was issued Fire Safety Certificate vide this department letter no. F6/DFS/MS/Hospital/2015/SZ 1470 dated 31.3.2015 for **three tier basements & ground floor only**. The said Hospital building was re-inspected by the officers concerned of this department on 9.8.2017 in presence of Sh. Narinder Dagar ( Admn.) and found that the premises/building have complied with 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 C-1 "Institutional Building" (Hospital) for **six upper floors** with effect from ...25/08/17..... for a 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, printed overleaf.

Issued on .....25/08/17..... at New Delhi by

  
(Vipin Kental)  
Chief Fire Officer  
Delhi Fire Service

Copy to:-

1. Authorized Signatory, Maharaja Agrasen Hospital, Plot No.1, Sector-1, Dwarka, New Delhi.
2. The Jt. Director (L&I) DDA, Vikas Sadan, INA, New Delhi.

## CONDITIONS

1. All the means of escape shall be kept free of all type of obstruction all the time.
2. All the employees shall be acquainted with the use and maintenance of all fire equipments and method of smooth and speedy safe evacuation of occupants in case of emergency.
3. All the fire fighting equipments shall be maintained in perfect working condition all the time and any lapse rendering non-functional if fire safety measures, management shall be responsible.
4. Any deviation, with regards to construction, ventilation, occupation, electric installation etc. may be got verified from the concerned authorities.
5. The Fire Safety Certificate may not be treated in any case for regularizations of unauthorized construction / unauthorized use of land if any.
6. All comments / directions of licensing Department shall always be permitted and followed.
7. The owner / occupier shall submit a declaration every year in form 'K' provided in the first schedule of Delhi Fire Service Rule 2010. The form is available on [www.dfs.delhigovt.nic.in](http://www.dfs.delhigovt.nic.in)
8. The owner / occupier shall apply for renewal of this **Fire Safety Certificate to the Director in 'Form J' (sub Rule (1) of Rule 37)** along with copy of the certificate, six months prior to its expiry.



## INSPECTION REPORT

	Name & address of the building	Maharaja Agrasain Hospital, Plot No.1, Sector-1, Dwarka, New Delhi.		
2	Type of Occupancy	Institutional C-1 (Hospital)		
3	Type of case	New <b>Six upper floors</b>		
4	Details of previous NOC	F6/DFS/MS/Hospital/2015/SZ/470 dated 31.3.2015 (for <b>three tier basement &amp; Ground floor only</b> )		
5	Fire safety directives letter No	F/6/DFS/MS/BP/Hospital/2010/384 Dated 08.2.2010		
6	Date of inspection	9.08.2017		
7	Name of the inspecting Officers :	D O M K Chattopadhyay ADO S.P. Bhardwaj		
8	Name and designation of officers from the building side	Sh. Narinder (Admn.) & Sh. Ashwani (Fire Officer)		
9	Year of construction	2015		
10	Applicant's letter No.	MAH/DW/Adm/Fire/D-285 dated 24.06.2017		
<b>S. NO</b>	<b>Minimum Standards on fire prevention and fire safety U/R 33</b>	<b>NBC Requirements/ As per letter dated 8.2.2010</b>	<b>Provided at site</b>	<b>Remarks MR/NMR</b>
<b>1</b>	<b>Access to building</b>			
	1) Road width	9 Mtrs.	Provided.	MR
	2) Gate width	6 Mtrs.	Provided	MR
	3) Width of internal road	6 Mtrs.	Provided	MR
<b>2</b>	<b>Number, width Type &amp; arrangement of exits</b>			
	<b>a. Number of staircases</b>			
	1. Upper floors	3 Nos. Ground to 2 <sup>nd</sup> floor & 2 Nos. 3 <sup>rd</sup> to Terrace	3 Nos. Ground to 2 <sup>nd</sup> floor & 2 Nos. 3 <sup>rd</sup> to Terrace	MR
	2. basements	3 Nos.	3 Nos.	MR
	<b>b. Width of staircase</b>			
	1. Upper floors	Ground to 2 <sup>nd</sup> floor 2 of 2 M. & 1 of 1.50 M. 3 <sup>rd</sup> to terrace 1 of 2 M. & 1 of 1.50 M	Ground to 2 <sup>nd</sup> floor 2 of 2 M. & 1 of 1.50 M. 3 <sup>rd</sup> to terrace 1 of 2 M. & 1 of 1.50 M	MR
	2. basements	2 Mtrs. & 1.50 Mtrs.	2 Nos. 2 Mtrs. & 1 No. 1.50 Mtrs.	MR
	<b>c. Protection of exits</b>			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	Required	Provided	M/R
	<b>d. No. of continuous staircase to terrace</b>			
		2 Nos.	2 Nos.	MR
	<b>e. Width of corridor</b>	2.4 Mtrs.	2.4 Mtrs.	MR
	<b>f. Door size</b>	1.25, 1.50 & 2 Mtrs.	1.25, 1.50, & 2 Mtrs.	MR
<b>3</b>	<b>Compartmentation.</b>			
	1. Fire check door	Required	Provided	MR
	2. Sealing of electrical shafts	Required	Provided	MR
	3. Fire Rating of shaft door	2 Hours	3 Hours	MR



	4. water curtain	N/A	N/A	N/A
	5. Fire dampers	Required	Provided	MR
<b>4</b>	<b>Smoke Management system.</b>			
	basement	30 AC Change	Provided	MR
	upper floors	12 AC Change	Provided	MR
<b>5</b>	<b>Fire Extinguishers</b>			
	total numbers	As per IS 2190/1992.	32 Nos.	MR
	Types	CO2, ABC	CO2, ABC	MR
	ISI marking	Required	Provided	MR
<b>6</b>	<b>First-Aid Hose Reels.</b>			
	total numbers on each floor	3 Nos.-basements 2 nos-GF to 3rd floor 1 no.- 4th to 6 <sup>th</sup> floor	Provided	MR
	Length of Hose reel hose	30 m	30 m	MR
	Nozzle Diameter	5 mm	5 mm	MR
<b>7</b>	<b>Automatic fire detection and alarming system</b>			
	Type of detectors	Heat/Smoke	Provided	MR
	location of Main Panel	Ground Floor	Ground Floor	MR
	location of Repeater panel	Each floor	provided	MR
	Alternate source of power	Required	Battery Backup	MR
	hooter's location	Appropriate Places	Near Staircases	MR
<b>8</b>	<b>MOEFA</b>	Required	Provided	MR
<b>9</b>	<b>Public Address System.</b>	Required	Provided	MR
<b>10</b>	<b>Automatic Sprinkler System.</b>			
	basement	Required	Provided	MR
	upper floors	Required	Provided	MR
	sprinkler above false ceiling	Required	Provided	MR
<b>11</b>	<b>Internal Hydrants</b>			
	Size of riser/down-corner	150 mm	150 mm	MR
	Number of Hydrants per floor	3 Nos.-basements 2 nos-GF to 2nd floor 1 nos.- 4th to 6 <sup>th</sup> floor	Provided	MR
	hose Box	Required	Provided	MR
<b>12</b>	<b>Yard Hydrants.</b>			
	total number of hydrants	6 Nos.	6 Nos.	MR
	hose box	Required	Provided	MR
<b>13</b>	<b>Pumping arrangements</b>			
	<b>1. Ground level</b>			
	a. Discharge of main Pump	2280 LPM	2280 LPM	MR
	b. Head of main pump	80 Mtrs.	80 Mtrs.	MR
	c. Number of main pumps	Two	Two	MR
	d. jockey pump out put	220 LPM (2 Nos.)	220 LPM (2 Nos.)	MR
	e. jockey pump head	70 Mtrs.	70 Mtrs.	MR
	f. Standby Pump output	2280 LPM	2280 LPM	MR
	g. Stanby Pump head	80 Mtrs.	80 Mtrs.	MR
	h. Auto Starting/Manual stopping	Required	Provided	MR
	i. pump house access	Required	Provided	MR
	<b>2. Terrace level</b>			
	a. Discharge of pump	N/A	N/A	N/A



	c. Power supply	N/A	N/A	N/A
	d. Auto starting of pump	N/A	N/A	N/A
14	<b>Captive water storage for fire fighting</b>			
	1. Underground tank capacity	1.5 Lakh Ltrs.	1.5 Lakh Ltrs.	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	20000 Ltrs.	20000 Ltrs.	MR
15	<b>Exit Signage.</b>	Required	Provided	MR
16	<b>Provision of lifts.</b>			
	a. Pressurization of lift shaft	Required	Provided	MR
	b. pressurization of lift lobby	Required	Provided	MR
	c. communication in lift car	Required	Provided	MR
	d. Fireman's grounding switch	Required	Provided	MR
	e. Lift signage	Required	Provided	MR
17	<b>Standby power supply</b>	Required	DG Set 500 KVA	MR
18	<b>Refuge Area.</b>			
	total area	N/A	N/A	N/A
	location	N/A	N/A	N/A
	<b>Fire control room</b>			
	a. Detector system Panel	Required	Provided	MR
19	b. Flow switch Panel	Required	Provided	N/A
	c. PA system Panel	Required	Provided	MR
	d. Battery backup	Required	Provided	MR
	e. Building floor plans	Required	Provided	MR
20	<b>Special Fire Protection System for Protection of special Risks, if any:</b>	CO <sub>2</sub> Flooding system Provided.		MR

Fire protection systems provided in the building were checked and found functional at the time of inspection. Shortcomings vide letter no. F6/DFS/MS/Hospital/2015/SZ/2081 dated 8.10.2015 & F6/DFS/2017/SZ/1162 dated 5.5.2017 found rectified as all Exit doors are provided as per revised NBC & DDA Notification dated 5.4.2017. FSC for three tier basement & ground floor has already been issued vide letter No. F6/DFS/MS/Hospital/2015/SZ/1470 dated 31.3.2015.

Keeping in view compliance of the minimum standards on fire prevention & fire safety requirements under the rules issuance of Fire safety Certificate for First floor to sixth floor is recommended under rule 35 of the Delhi fire Service Act 2007 7 Rules 2010. Accordingly DFA is put up for approval and signature please.

*[Signature]*  
7/8/17  
M K Chattopadhyay  
Divisional Officer (SW)

*[Signature]*  
11/8/17  
S.P. Bhardwaj  
ADO (Dwarka)



*[Signature]*  
DCFO (SZ)

*[Signature]*  
15/8

1148/Ch-SZ  
22/8/24/8

*[Signature]*  
CFO SZ

PI speak *[Signature]*  
22/8

M.Scott

DCFO SZ  
The patient bed room doors are open with DO, S.A. & of ICW