

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

No.F6/DFS/MS/Hospital/2015/SZ 1470

Dated: 31/03/15

FIRE SAFETY CERTIFICATE

Certified that the Maharaja Agrasen Hospital (A unit of Maharaja Agrasen Hospital Charitable Trust) Plot No.1, Sector-1, Dwarka, New Delhi comprised of three tier basement, ground plus six upper floors have complied with fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and verified by the officers concerned of fire service on 17.3.2015 & subsequent on 25.3.2015 in the presence of Sh. Ajeet Sharma Civil engineer & Sh. C M Sharma Manager Administration, and that the Building/premises is fit for occupancy Institutional building (Hospital) for three tier basements and ground floor only , with effect from31/03/15..... 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, 2010, subject to conditions printed overleaf.

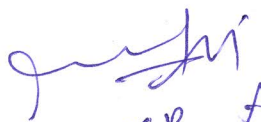
Issued on31/03/15..... at New Delhi by


373
Dr. G.C. Misra
Chief Fire Officer
Delhi Fire Service
Tele. No. - 23414333

Copy to:

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

Executive


SHAMSHEER Ali
9910862182

INSPECTION REPORT

1	Name & address of the building	Maharaja Agrasen Hospital, Plot No.1, Sector-1, Dwarka, New Delhi.
2	Type of Occupancy	Institutional C-1 (Hospital)
3	Type of case	New
4	Details of previous NOC	Nil
5	Fire safety directives letter No	F/6/DFS/MS/BP/Hospital/2010/384 Dated 8.2.2010
6	Date of inspection	17.3.2015 & 26.3.2015
7	Name of the inspecting Officers	DO Sanjay Kumar Tomar & ADO Satpal Bhardwaj
8	Name and designation of officers from the building side	Sh. AJEET SHARMA (Civil Engineer) & Sh. C M Sharma (Manager Admn.)
9	Year of construction	2015
10	Applicant's letter No.	MAH/MKT/Fire/2015/10 20.3.2015

Three Tier Basement, Ground + six upper Floors (FSC considered for three basements and ground floor only)

S. NO.	Minimum Standards on fire prevention and fire safety U/R 33	Requirements As per NBC	Provided at site	Remarks MR / NMR
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1	Access to building			
	1) Road width	60 Mtrs. & 12 Mtrs.	60 Mtrs & 12 Mtrs.	MR
	2) Gate width	6 Mtrs.	6 Mtrs.	MR
	3) Width of internal road	6 Mtrs.	6 Mtrs.	MR

2	Number, width Type & arrangement of exits			
	a. Number of staircases			
	1. Upper floors	3 Nos.	3 Nos.	MR
	2. basements	3 Nos.	3 Nos.	MR
	b. Width of staircase			
	1. Upper floors	2 Mtrs.	2 Mtrs. & 1.5 Mtrs.	MR
	2. basements	2 Mtrs.	2 Mtrs. & 1.5 Mtrs.	MR
	c. Protection of exits			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	Required	Provided	M/R
	d. No. of continuous staircase to terrace			
		2 No.	2 Nos.	MR
	e. Width of corridor	2.4 Mtrs.	2.4 Mtrs.	MR
	f. Door size	2 Mtrs.	1.8 Mtrs.	MR

3	Compartmentation.			M/R
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	1. Fire check door	Required	Provided	MR
	2. Sealing of electrical shafts	Required	Provided	MR
	3. Fire Rating of shaft door	2 Hours rating	3 Hours	MR
	4. water curtain	N/A	N/A	N/A
	5. Fire dampers	Required	Provided	MR

4	Smoke Management system.			
	basement	30 AC Change	Mech Exhaust system provided	MR
	upper floors	12 AC Change	Mech Exhaust system provided	MR

5	Fire Extinguishers			
	total numbers	As per IS 2190	32 Nos.	MR
	Types	Co2 OR ABC	ABC, Co2, Wco2 & DCP	MR
	ISI marking	Required	Provided	MR

6	First-Aid Hose Reels.			
	total numbers on each floor	2 No.	2 No. & 3 in basement.	MR
	Length of Hose reel hose	30 M	30 Mtrs.	MR
	Nozzle Diameter	5 mm	5 mm	MR
7	Automatic fire detection and alarming system			
	Type of detectors	Heat/Smoke	Provided	MR
	location of Main Panel	Basement-1	Ground Floor	MR
	location of Repeater panel	Ground floor	Ground Floor	N/A
	Alternate source of power	Required	Battery Backup	MR
	hooter's location	Appropriate Places	Near stairs each floor	MR
8	MOEFA	Required	Provided	MR
9	Public Address System.	Required	Provided	MR
10	Automatic Sprinkler System.			
	basement	Required	Provided	MR
	upper floors	Required	Provided	MR
	sprinkler above false ceiling	Required	Provided	MR
11	Internal Hydrants			
	Size of riser/down-corner	150 mm	150mm	MR
	Number of Hydrants per floor	3 Nos.	3 Nos.	MR
	hose Box	Required	Provided	MR
12	Yard Hydrants.			
	total number of hydrants	6 Nos.	6 Nos.	MR
	hose box	Required	Provided	MR
13	Pumping arrangements			
	1. Ground level			
	a. Discharge of main Pump	2280 LPMx2	2280 LPM X 2	MR
	b. Head of main pump	80 Mtrs.	80 Mtrs.	MR
	c. Number of main pumps	1No.	1 No.	MR
	d. jockey pump out put	180 LPM	180 LPM	MR
	e. jockey pump head	80 Mtrs.	80 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
	2. Terrace level			
	a. Discharge of pump	N/A	N/A	N/A
	b. head of the 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	Captive water storage for fire fighting			
	1. Underground tank capacity	1.5 Lac Ltrs.	2 Lac 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.	25000 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	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	Standby power supply			
		Required	DG Set 500 KVA	MR

N/15

18	Refuge Area.				
	total area	N/A	N/A	N/A	
	location	N/A	N/A	N/A	
19	Fire control room				
	a. Detector system Panel	Required	Provided	MR	
	b. Flow switch Panel	Required	Provided	MR	
	c. PA system Panel	Required	Provided	MR	
	d. Battery backup	Required	Provided	MR	
	e. Building floor plans	Required	Provided	MR	
20	Special Fire Protection System for Protection of special Risks, if any:	Co2 Provided.			

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

Keeping in view the deemed compliance of the minimum standards on fire prevention and fire safety required under the rules, issuance of Fire Safety Certificate for three basements & ground floor only is recommended under rules 35 of the Delhi Fire Service Rules 2010.

Accordingly DFA is put up for approval and signature please.

Sanjay Kumar Tomer
28/12/15

Signature of the Inspecting Officer

Name Sanjay Kumar Tomer

Designation DO (South West)

Sanjay
28/12/15

Signature of the Inspecting Officer

Name S.P. Bhardwaj

Designation ADO (Dwarka)