

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

No. F6/DFS/MS/Hospital/2010/3079/23/07/14

Dated: 23/07/2014

FIRE SAFETY CERTIFICATE

Certified that the **Maharaja Agrasen Hospital at Punjabi Bagh, New Delhi-110026.**, building is comprised of basement, ground and 06 upper floors, owned/occupied by **Maharaja Agrasen Hospital** was issued FSC vide this office letter No. **F6/DFS/MS/Hospital/2010/3079** dated **01-12-2010**. The premises was re-inspected by the officers concerned of this department on **18/06/2014** in the presence of **Mr. Rakesh Kumar** and observed that all the fire prevention and fire safety arrangements as provided in the premises found in good working condition. The premises have therefore, deemed complied with the requirement under Rule 33 of the Delhi Fire Service Rule 2010 and the building/premises is fit for **Class-C (Institutional)** excluding new block, occupancy with effect from 23/7/14 for a period of three year in accordance with rule 36 unless renewed under 37 or sooner cancelled under Rule 40 and subject to compliance of the conditions under 38 of the Delhi Fire Service Rule 2010.

Following fire safety directives must be adhered to:-

- 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 a fire equipments and method of smooth and speedy safe evacuation of occupants in case of emergency.
- 3) All the fire fighting equipment shall be maintained in perfect working condition all the time and lapse rendering non-functional of fire safety measures, management shall be responsible.
- 4) Any deviation, with regards to construction, electric installation etc. may be got verified from the concerned authorities.
- 5) Basement shall be used as per NBC.
- 6) This NOC may not be treated in any case for regularizations 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 Rule 2010. The form is available on 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 a copy of this Certificate, six months prior to its expiry".
- 9) Layout plan for the entire hospital shall be provided within one month's time.

Issued on 23/7/14 at New Delhi by


(Santokh Singh)
Chief Fire Officer
Delhi Fire Service
011-23414250
www.dfs.delhigovt.nic.in

Copy to:

Mr. Rakesh Kumar

Maharaja Agrasen Hospital at Punjabi Bagh, New Delhi- 110026

Received the NOC of fire copy
Anil Kumar
23/7/14

1. Name & address of the building : Maharaja Agrasen Hospital at Punjabi Bagh, New Delhi-110026.
2. Type of Occupancy : Institutional
3. Type of Case : Renewal
4. Details of previous NOC : F6/DFS/MS/Hospital/2010/3079 dated 01-12-2010
5. Fire Safety directives letter No. : Not available
6. Date of inspection : 18-06-2014
7. Name of the Inspecting Officers : D.O. (M.N.)
8. Name and designation of officers
- From the building side : Mr. Rakesh Kumar
9. Year of Construction : 1991-1992
10. Applicant's letter No. : MAH/ADMN/2014/439 dated 15.05.2014

Point wise fire safety arrangements/equipments are mentioned as under:-

S. No.	Minimum Standards on fire Prevention and fire safety U/R 33	BBL Requirement	Provided at site	Remarks MR/NMR
1.	Access to building			
	• Road width	12 mtr	Provided	M.R
	• Gate width	5 mtr	Provided	M.R.
	• Width of internal road	6 mtr	Provided	M.R.
2.	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	• Upper Floors	03	03	M.R
	• Basement	03	03	M.R.
	b. Width of staircases			
	• Upper Floors	Old case	Old case	M.R.
	• Basement	Old case	Old case	M.R.
	c. Protection of exits			
	• Fire check door	Required	Provided	M.R.
	• Pressurization	Required	Provided	M.R.
	d. No. of continuous staircases to terrace	03	03	M.R.
		Old case	Old case	M.R
	e. Width of Corridor			
	f. Door size	Old case	Old case	M.R
3.	Compartmentation.			
	• Fire check door	Required	Provided	M.R.
	• Sealing of electrical shafts	Required	Provided	M.R.

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	<ul style="list-style-type: none"> • Fire Rating of shaft door • Water Curtain • Fire Dampers 	Required	Provided	M.R.
		N.R.	N.R.	N.R.
		Required	Provided	M.R.
4.	Smoke Management System.			
	<ul style="list-style-type: none"> • Basements 	30 a/c per hour	Exhaust fans	M.R.
	<ul style="list-style-type: none"> • Upper floors 	12 a/c per hour	Provided	M.R.
5.	Fire Extinguishers			
	<ul style="list-style-type: none"> • Total numbers 	50Nos. required	150 nos. Provided	M.R.
	<ul style="list-style-type: none"> • Types 	DCP, ABC, CO ² Water CO ²	Provided	M.R.
	<ul style="list-style-type: none"> • IS marking 	ISI marked	provided	M.R.
6.	First-Aid Hose Rees.			
	<ul style="list-style-type: none"> • Total numbers on each floor 	03	03 each floor Provided	M.R.
	<ul style="list-style-type: none"> • Length of hose reel hose 	30 m required	provided	M.R.
	<ul style="list-style-type: none"> • Nozzle diameter 	5 mm required	provided	M.R.
7.	Automatic fire detection and alarming system.			
	<ul style="list-style-type: none"> • Type of detectors 	Smoke & Heat	Provided	M.R.
	<ul style="list-style-type: none"> • Location of Main Panel 	G. floor	G. floor	M.R.
	<ul style="list-style-type: none"> • Location of Repeater Panel 	required	Provided	M.R.
	<ul style="list-style-type: none"> • Alternate source of power 	required	Provided	M.R.
	<ul style="list-style-type: none"> • Hooter's Location 	required	Provided	M.R.
8.	MOEFA	Required	Provided	M.R.
9.	Public Address System.	Required	Provided	M.R.
10.	Automatic Sprinkler system			
	<ul style="list-style-type: none"> • Basement 	Required	Provided	M.R.
	<ul style="list-style-type: none"> • Upper Floor 	Required	Provided	M.R.
	<ul style="list-style-type: none"> • Sprinkler above false ceiling 	Required	Provided	M.R.
11.	Internal Hydrants			

	<ul style="list-style-type: none"> Upper floors 	12 a/c per hour	Provided	M.R.
5.	Fire Extinguishers			
	<ul style="list-style-type: none"> Total numbers 	50Nos. required DCP, ABC, CO ² Water CO ²	150 nos. Provided	M.R.
	<ul style="list-style-type: none"> Types 		Provided	M.R.
	<ul style="list-style-type: none"> IS marking 		ISI marked	provided
6.	First-Aid Hose Rees.			
	<ul style="list-style-type: none"> Total numbers on each floor 	03	03 each floor Provided	M.R.
	<ul style="list-style-type: none"> Length of hose reel hose 	30 m required	provided	M.R.
	<ul style="list-style-type: none"> Nozzle diameter 	5 mm required	provided	M.R.
7.	Automatic fire detection and alarming system.			
	<ul style="list-style-type: none"> Type of detectors 	Smoke & Heat	Provided	M.R.
	<ul style="list-style-type: none"> Location of Main Panel 	G. floor	G. floor	M.R.
	<ul style="list-style-type: none"> Location of Repeater Panel 	required	Provided	M.R.
	<ul style="list-style-type: none"> Alternate source of power 	required	Provided	M.R.
	<ul style="list-style-type: none"> Hooter's Location 	required	Provided	M.R.
8.	MOEFA	Required	Provided	M.R.
9.	Public Address System.	Required	Provided	M.R.
10.	Automatic Sprinkler system			
	<ul style="list-style-type: none"> Basement 	Required	Provided	M.R.
	<ul style="list-style-type: none"> Upper Floor 	Required	Provided	M.R.
	<ul style="list-style-type: none"> Sprinkler above false ceiling 	Required	Provided	M.R.
11.	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser/down-comer 	150 m.m.	Provided	M.R.
	<ul style="list-style-type: none"> Number of hydrants per floor 	03	03 Provided	M.R.
	<ul style="list-style-type: none"> Hose Box 	03	03 Provided	M.R.

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Yard Hydrants.				
	• Total number of hydrants	05	05	M.R.
	• Hose Box	05	05	M.R.
13.	Pumping Arrangements.			
	Ground Level			
	➤ Discharge of main pump	2400 LPM	2400 LPM	M.R.
	➤ Head of Main pump	80 mtrs	80 mtr	M.R.
	➤ Number of main pumps	02	02	M.R.
	➤ Jockey Pump out put	220 LPM	Provided	M.R.
	➤ Jockey pump head	80 mtr	80 mtr	M.R.
	➤ Standby pump out put	2400	Provided	M.R.
	➤ Standby pump Head	80 mtr.	80 mtr.	M.R.
	➤ Auto Starting/Manual stopping	Required	Provided	M.R.
	➤ Pump Hose Access	Required	Provided	M.R.
	Terrace level			
	➤ Discharge of pump	N.R.	N.R.	N.R.
	➤ Head of the pump	N.R.	N.R.	N.R.
	➤ Power supply	N.R.	N.R.	N.R.
	➤ Auto Starting of pump	N.R.	N.R.	N.R.
14.	Captive Water Storage for fire fighting.			
	Underground tank capacity	2,00,000 ltrs	2,00,000 ltrs	M.R.
	➤ Draw -off connection	N.A.	N.A.	N.A.
	➤ Fire service inlet	Required	Provided	M.R.
	➤ Access to tank	Required	Provided	M.R.
	➤ Overhead Tank Capacity	50,000 ltrs	50,000 ltrs provided	M.R.
15	Exit Signage.	Required	Provided	M.R.
16.	Provision of Lifts			
	• Pressurization of Lift Shaft	Required	Provided	M.R.
	• Pressurization of Lift lobby	Required	Provided	M.R.

	Ground Level			
	➤ Discharge of main pump	2400 LPM	2400 LPM	M.R.
	➤ Head of Main pump	80 mtrs	80 mtr	M.R.
	➤ Number of main pumps	02	02	M.R.
	➤ Jockey Pump out put	220 LPM	Provided	M.R.
	➤ Jockey pump head	80 mtr	80 mtr	M.R.
	➤ Standby pump out put	2400	Provided	M.R.
	➤ Standby pump Head	80 mtr.	80 mtr.	M.R.
	➤ Auto Starting/Manual stopping	Required	Provided	M.R.
	➤ Pump Hose Access	Required	Provided	M.R.
	Terrace level			
	➤ Discharge of pump	N.R.	N.R.	N.R.
	➤ Head of the pump	N.R.	N.R.	N.R.
	➤ Power supply	N.R.	N.R.	N.R.
	➤ Auto Starting of pump	N.R.	N.R.	N.R.
14.	Captive Water Storage for fire fighting.			
	Underground tank capacity	2,00,000 ltrs	2,00,000 ltrs	M.R.
	➤ Draw -off connection	N.A.	N.A.	N.A.
	➤ Fire service inlet	Required	Provided	M.R.
	➤ Access to tank	Required	Provided	M.R.
	➤ Overhead Tank Capacity	50,000 ltrs	50,000 ltrs provided	M.R.
15	Exit Signage.	Required	Provided	M.R.
16.	Provision of Lifts			
	• Pressurization of Lift Shaft	Required	Provided	M.R.
	• Pressurization of Lift lobby	Required	Provided	M.R.
	• Communication In lift Car	Required	Provided	M.R.
	• Fireman's Grounding Switch	Required	Provided	M.R.
	• Lift Signage	Required	Provided	M.R.

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17.	Standby power supply	Required	Provided	M.R
18.	Refuge Area			
	➤ Total Area	1212 sq feet	1212 sq feet.	M.R.
	➤ Location	3 rd & 4 th floor	3 rd & 4 th floor	M.R.
19.	Fire Control Room			
	➤ Detector System Panel	Required	Provided	M.R.
	➤ Flow Switch Panel	Required	Provided	M.R.
	➤ PA system Panel	Required	Provided	M.R.
	➤ Batter backup	Required	Provided	M.R.
	➤ Building Floor plans	Required	Provided	M.R.
20.	Special Fire Protection Systems for Protection of special Risks, if any:	CO ₂ flooding system installed for LT panel	Provided	M.R.

The fire protection systems provided in the building were test checked and found functional at the time of inspection. In view of the deemed compliance of the minimum standard of fire prevention and fire safety measure as required under the rules the NOC issued vide letter no. F6/DFS/MS/Hospital/2010/3079 dated 01-12-2010 renewal under rule 35 of the Delhi Fire Service rules 2010 is recommended.

Signature of the Inspection Officer

Name Sunil Chawdhary

Designation D.O. (M.N.)

Signature of the Inspection Officer

Name

Designation