

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

No. F6/DFS/MS/SZ/2018/ *Mos/2018/RRK/455*

Dated: *19/03/18*

FIRE SAFETY CERTIFICATE

Certified that **Multi Level Car Parking located** at Sir Ganga Ram Hospital, Rajender Nagar, New Delhi- 110060, comprised of basement, ground plus ten upper floors, owned & occupied by M/s Sir Ganga Ram Hospital. The building was inspected by the officer concerned of this department on 09.03.2018 in the presence of Sh. Amit Kumar Sarma, Architect and found that management have complied with the fire prevention and fire safety requirements in accordance with Delhi Fire Service Act 2010 & Delhi Fire Service Rules 2007 and that the building/premises is fit for occupancy class **Storage(Car Parking)** with effect from *19/3/18* for a period of 03 years in accordance with rule 36 unless renewed under rule 37 or sooner cancelled under Rule 40 and subject to compliance of the conditions printed overleaf under rule 38 of the Delhi Fire Service Rules, 2010.

Issued on *19/03/18* at New Delhi by.

W 19/3
(Vipin Kental)
Chief Fire Officer

Copy to: -

1. The Executive Engineer (Bldg.),
NDMC, Civic Center, 8th floor, Mintoo Road, New Delhi.
2. Sh. Amit Kumar Sarma,
J-33, NDSC 1,
New Delhi- 110049.
3. Sh. Ajay Goyal (Trustee),
Sir Ganga Ram Trust Society,
Sir Ganga Ram Hospital,
Rajinder Nagar, New Delhi- 110060

9/2/18
16/3/18

Conditions for the validity of Fire Safety Certificate

- a. 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.
- b. Any loss of life or property due to non functional fire safety measures shall be at the responsibility of the management.
- c. Basement shall be used as per the provisions of UBBL-2016.
- d. 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.
- e. The staffs shall be trained for operating fire fighting system and mock evacuation drills be conducted at regular intervals and record be maintained.
- f. 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
- g. 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. The form is available on www.dfs.delhigovt.nic.in

INSPECTION REPORT

1. Name & address of the building : Multi Level Car Parking at Sir Ganga Ram Hospital, Rajendra Nagar, New Delhi- 60.
2. Type of Occupancy : Storage (Parking)
3. Type of Case : New Case
4. Details of previous NOC : N/A
5. Fire Safety directives letter No : F.6/DFS/MS/BP/2016/133 dated 16.06.2016
6. Date of inspection : 09.03.2018
7. Name of the Inspecting Officers : M.K. Chattopadhyay, DO(SW)
8. Name and designation of officers from the building side : Sh. Amit Kumar Sarma, Architect
9. Year of Construction : 2016-17
10. Applicant's letter No. : nil dated 12.02.2018

The said multi level car parking is comprised of basement, ground plus ten upper floors.

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	Requirement as per NBC part-IV	Provided at site	Remarks MR/NMR
1	Access to building			
	• Road width	06 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	02 +02 ramp	Provided	MR
	• Basements	02 +02 ramp	Provided	MR
	b. Width of staircases	-	-	-
	• Upper Floors	1.50 mts. each	Provided	MR
	• Basements	1.50 mts. each	Provided	MR
	c. Protection of exits	-	-	-
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	Provided	MR
	e. No. of continuous staircases to terrace	02	02	MR
	g. Width of Corridor	N/A	N/A	N/A
	h. Door Size	1.50 mts	Provided	MR
3	Compartmentation.			
	• Fire check door	Required	Provided	MR
	• Sealing of electrical shafts	Required	Provided	MR
	• Fire Rating of shaft door	N/A	N/A	N/A
	• Water Curtain	Required	Provided	MR
	• Fire Dampers	N/A	N/A	N/A
4	Smoke Management System			

3. Type of Case : New Case
 4. Details of previous NOC : N/A
 5. Fire Safety directives letter No : F.6/DFS/MS/BP/2016/133 dated 16.06.2016
 6. Date of inspection : 09.03.2018
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	a. Number of staircases	-	-	-
	• Upper Floors	02 +02 ramp	Provided	MR
	• Basements	02 +02 ramp	Provided	MR
	b. Width of staircases	-	-	-
	• Upper Floors	1.50 mts. each	Provided	MR
	• Basements	1.50 mts. each	Provided	MR
	c. Protection of exits	-	-	-
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	Provided	MR
	e. No. of continuous staircases to terrace	02	02	MR
	g. Width of Corridor	N/A	N/A	N/A
	h. Door Size	1.50 mts	Provided	MR
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	• Fire check door	Required	Provided	MR
	• Sealing of electrical shafts	Required	Provided	MR
	• Fire Rating of shaft door	N/A	N/A	N/A
	• Water Curtain	Required	Provided	MR
	• Fire Dampers	N/A	N/A	N/A
4	Smoke Management System.			
	• Basements	30 a/c per hour	Provided	MR
	• Upper floors	12 a/c per hour	N/A	N/A

n/o

5	Fire Extinguishers			
	<ul style="list-style-type: none"> Total numbers 	40	Provided	MR
	<ul style="list-style-type: none"> Types 	ABC type	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 	04	04 in upper floors & 05 in basement floor	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 in basement	MR
	<ul style="list-style-type: none"> Location of Repeater Panel 	Required	Provided	MR
	<ul style="list-style-type: none"> Alternate source of power 	Required	Provided	MR
	<ul style="list-style-type: none"> Hooters' Location 	Required	Provided entire building	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	MR
	<ul style="list-style-type: none"> Sprinkler above false ceiling 	N/A	N/A	N/A
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 	04	04 in upper floors & 05 in basement floor	MR
	<ul style="list-style-type: none"> Hose Box 	04	04 in upper floors & 05 in basement floor	MR
12	Yard Hydrants.			
	<ul style="list-style-type: none"> Total number of hydrants 	07	Provided	MR
	<ul style="list-style-type: none"> Hose Box 	07	Provided	MR
13	Pumping Arrangements.			
	<ul style="list-style-type: none"> Ground Level 	---	---	---
	<ul style="list-style-type: none"> ➤ Discharge of main Pump 	2850 LPM x 02 nos., 1620 LPM x 01 no.	Provided	MR
	<ul style="list-style-type: none"> ➤ Head of Main pump 	85 mts each	Provided	MR
	<ul style="list-style-type: none"> ➤ Number of main pumps 	03 (one each for hydrant, sprinkler & water curtain)	Provided	MR
	<ul style="list-style-type: none"> ➤ Jockey Pump out put 	180 LPM x 02	Provided	MR
	<ul style="list-style-type: none"> ➤ Jockey pump head 	85 mts each	Provided	MR
	<ul style="list-style-type: none"> ➤ Standby Pump out put 	4500 LPM	Provided	MR
	<ul style="list-style-type: none"> ➤ Standby Pump Head 	85 mts each	Provided	MR
	<ul style="list-style-type: none"> ➤ Auto Starting/ Manual stopping 	Required	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 Location of Main Panel Location of Repeater Panel Alternate source of power Hooters' Location 	Smoke/heat	Provided	MR
		Required	Provided in basement	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided entire building	MR
8	MOEFA	Required	Provided	MR
9	Public Address System.	Required	Provided	MR
10	Automatic Sprinkler System.			
	<ul style="list-style-type: none"> Basement Upper Floor Sprinkler above false ceiling 	Required	Provided	MR
		Required	Provided	MR
		N/A	N/A	N/A
11	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser/down-comer Number of hydrants per floor Hose Box 	150 mm	Provided	MR
		04	04 in upper floors & 05 in basement floor	MR
		04	04 in upper floors & 05 in basement floor	MR
12	Yard Hydrants.			
	<ul style="list-style-type: none"> Total number of hydrants Hose Box 	07	Provided	MR
		07	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 	---	---	---
		2850 LPM x 02 nos., 1620 LPM x 01 no.	Provided	MR
		85 mts each	Provided	MR
		03 (one each for hydrant, sprinkler & water curtain)	Provided	MR
		180 LPM x 02	Provided	MR
		85 mts each	Provided	MR
		4500 LPM	Provided	MR
		85 mts each	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
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	➤ Discharge of pump	900 LPM	Provided	MR
	➤ Head of the pump	30 mts	30 mts	MR
	➤ Power Supply	Required	Provided	MR
	➤ Auto Starting of pump	Required	Provided	MR
14	Captive Water Storage for fire fighting.			
	• Underground tank capacity	2,00,000 lts	provided	MR
	➤ Draw-off connection	Required	Provided	MR
	➤ Fire service inlet	Required	Provided	MR
	➤ Access to tank	Required	Provided	MR
	• Overhead Tank capacity	20,000 lts	Provided(20 000 lts)	MR
15	Exit Signage.	Required	Provided	MR
16	Provision of Lifts.			
	• Pressurization of Lift Shaft	Required	Provided	MR
	• Pressurization of Lift lobby	Required	Provided	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.			
	➤ Total Area	Required	Provided	MR
	➤ Location	Required	Provided at 8 th floor	MR
19	Fire Control Room			
	• Detector System Panel	Required	Provided	MR
	• Flow Switch Panel	Required	Provided	MR
	• 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	Two ABC type fire extinguisher found provided near elect. panel	MR


The fire protection systems provided in the building were test checked and found functional at the time of inspection. The shortcomings pointed out by the department vide letter dated 17-01-2018 have been by the management of Gangaram Hospital.

In view the substantial compliance of the minimum standards on fire prevention and fire safety required under the rules, it is recommended to grant fire safety certificate under Delhi Fire Service Act-2007 & Rules- 2010.

Accordingly, DFA is put up please.

M.K. CHATTOPADHYAY
Divisional Officer (SW) CDC

173/00/80
12/03/2018
1693/cf-52


13/3/18

