

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE: NEW DELHI - 110 001

No. F.6/DFS/MS/Hospital/SZ/2017/ 863

Dated: 16.06.2017

FIRE SAFETY CERTIFICATE

Certified that the Madhukar Multispeciality Hospital and Research Center, Plot No. 5, FC-29, Geetanjali, Near Malviya Nagar Metro Station, Gate No. 1, New Delhi-110017, comprised of 2 tier basement, Ground & 5 Upper floors has already been issued FSC by this department vide letter No. F6/DFS/MS/2013/SZ/1305 dated 11/12/13 for 2 tier basement, Ground & 2 Upper floors only. The Hospital was re-inspected by the officer concerned of this department on 09/06/2017 in the presence of Ms. Rajni Sharma & found to have deemed complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and that the building is fit for occupancy Group C "Institutional (Hospital)" with effect ~~16.06.~~ 2017 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.

Issued on 16.06.17....at New Delhi by.


(Vipin Kental)
Chief Fire Officer
Ph:-011-23412235

Copy to:-

1. Ms. Rajni Sharma, Bansal Madhukar Multispeciality Hospital and Research Center, Plot No. 5, FC-29, Geetanjali, Near Malviya Nagar Metro Station, Gate No. 1, New Delhi-110017
2. Executive Engg. (Bldg.), South Delhi Municipal Corporation, 8th Floor, Civic Center, Minto Road, New Delhi.

Conditions for the validity of fire safety certificate:

1. All the means of escape/entry/exit shall be kept free from any obstruction.
2. All the fire safety arrangements provided therein shall be maintained in good working condition at all time as seen during inspection. Any loss of life or property due to non-functional fire safety measures shall be at the responsibility of the management.
3. All the staff members must know the correct method of operation of firefighting system.
4. 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.
5. This fire safety certificate may not in any way be treated as regularization of unauthorized construction, if any.
6. "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."

INSPECTION REPORT

1. Name & address of the building : Madhukar Multispeciality Hospital and Research Center, Plot No. 5, FC-29, Geetanjali, Near Malviya Nagar Metro Station, Gate No. 1, New Delhi-110017
2. Type of Occupancy : Class-C "Institutional (Hospital)"
3. Type of Case : New
4. Details of Previous NOC : No. F6/DFS/MS/Hospital/2015/SZ/96 dated 14/01/2016
(For 2 tier basement, Ground & 2 Upper floors only)
5. Fire Safety directives letter No : F6/DFS/MS/BP/Hospital/639 dated 05/03/2010
6. Date of inspection : 09/06/2017
7. Name of Inspecting Officer : A. K. Malik
8. Name and designation of officers
From the building side : Ms. Rajni Sharma
9. Year of Construction : 2015 [2 tier Basement (Parking, Storage & Services) +
GF(OPD) + 1st, 2nd, 3rd & 5th Floor (Patient Rooms) + 4th Floor (Offices, Canteen & Patient Rooms)]
10. Applicant's letter No. : Nil dated 19/04/2017, outdoor diary no. 7854, dated 10/08/16

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	UBBL/NBC Requirement	Provided at site	Remarks MR/NMR
1.	Access to building			
	<ul style="list-style-type: none"> • Road width • Gate width • Width of internal road 	12m 5m 6m	Provided 2 x 5m Provided	MR MR MR
2.	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	<ul style="list-style-type: none"> • Upper Floors • Basements 	3 No's 3 No's	3 No's 3 No's	MR MR
	b. Width of staircases			
	<ul style="list-style-type: none"> • Upper Floor • Basements 	2m 1.5m	2m, 2m & 1.85m 2m, 1.96m & 1.85m	MR MR
	c. Protection of exits			
	<ul style="list-style-type: none"> • Fire check door • Pressurization 	Required Required	Provided Provided	MR MR
	d. No. of continuous staircases to terrace	3 No's	3 No's	MR
	e. Width of Corridor	2.4m & 1.5m	Provided	MR
	f. Door Size	2m & 1.25m	2m & 1.25m	MR
3.	Compartmentation			
	<ul style="list-style-type: none"> • Fire check door • Sealing of electrical shafts • Fire Rating of shaft door • Water Curtain • Fire Dampers 	Required Required Required -NA- Required	Provided Provided Provided -NA- Provided	MR MR MR -NA- MR
4.	Smoke Management System			
	<ul style="list-style-type: none"> • Basements • Upper floors 	30 a/c per hour 12 a/c per hour	Provided Provided	MR MR
5.	Fire Extinguishers			
	<ul style="list-style-type: none"> • Total numbers • Types • IS marking 	60 No's ABC/W. CO ₂ /CO ₂ ISI	75 No's 30/30/15 No's Yes	MR MR MR
6.	First-Aid Hose Reels			
	<ul style="list-style-type: none"> • Total numbers on each floor • Length of hose reel hose 	Two 30m	Provided Provided	MR MR

6. Date of inspection	: 09/06/2017			
7. Name of Inspecting Officer	: A. K. Malik			
8. Name and designation of officers				
From the building side	: Ms. Rajni Sharma			
9. Year of Construction	: 2015	[2 tier Basement (Parking, Storage & Services) + GF(OPD) + 1 st , 2 nd , 3 rd & 5 th Floor (Patient Rooms) + 4 th Floor (Offices, Canteen & Patient Rooms)]		
10. Applicant's letter No.	: Nil dated 19/04/2017, outdoor diary no. 7854, dated 10/08/16			
S. No.	Minimum Standards on fire prevention and fire safety U/R 33	UBBL/NBC Requirement	Provided at site	Remarks MR/NMR
1.	Access to building			
	• Road width	12m	Provided	MR
	• Gate width	5m	2 x 5m	MR
	• Width of internal road	6m	Provided	MR
2.	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	• Upper Floors	3 No's	3 No's	MR
	• Basements	3 No's	3 No's	MR
	b. Width of staircases			
	• Upper Floor	2m	2m, 2m & 1.85m	MR
	• Basements	1.5m	2m, 1.96m & 1.85m	MR
	c. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	Provided	MR
	d. No. of continuous staircases to terrace	3 No's	3 No's	MR
	e. Width of Corridor	2.4m & 1.5m	Provided	MR
	f. Door Size	2m & 1.25m	2m & 1.25m	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 Management System			
	• Basements	30 a/c per hour	Provided	MR
	• Upper floors	12 a/c per hour	Provided	MR
5.	Fire Extinguishers			
	• Total numbers	60 No's	75 No's	MR
	• Types	ABC/W. CO ₂ /CO ₂	30/30/15 No's	MR
	• IS marking	ISI	Yes	MR
6.	First-Aid Hose Reels			
	• Total numbers on each floor	Two	Provided	MR
	• Length of hose reel hose	30m	Provided	MR
	• Nozzle diameter	5mm	Provided	MR
7.	Automatic fire detection and alarming system			
	• Type of detectors	Smoke & Heat	Provided	MR
	• Location of Main Panel	Required	Ground Floor	MR
	• Location of Repeater Panel	-NA-	-NA-	-NA-
	• Alternate source of power	Required	Provided	MR

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Madhukar Multispeciality Hospital and Research Center, Plot No. 5, FC-29, Geetanjali, New Delhi-110017

	• Hooters' Location	Required	All floors	MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	• Basement	Required	Provided	MR
	• Ground Floor	Required	Provided	MR
	• Sprinkler above false ceiling	Required	Provided	MR
11.	Internal Hydrants			
	• Size of riser/down-comer	100mm	Provided	MR
	• Number of hydrants per floor	Two	Provided	MR
	• Hose Box	Two	Provided	MR
12.	Yard Hydrants			
	• Total number of hydrants	Required	5 No's	MR
	• Hose Box	Required	6 No's	MR
13.	Pumping Arrangements			
	• Ground Level			
	➤ Discharge of main Pump	2850LPM	2850LPM	MR
	➤ Head of Main pump	80m	80m	MR
	➤ Number of main pumps	Two	Two	MR
	➤ Jockey Pump out put	2Nos of 180 LPM	2Nos of 180 LPM	MR
	➤ Jockey pump head	80m	80m	MR
	➤ Standby Pump out put	2850LPM	2850LPM	MR
	➤ Standby Pump Head	80m	80m	MR
	➤ Auto Starting/Manual Stopping	Required	Provided	MR
	➤ Pump House Access	Required	Provided	MR
	• Terrace level			
	➤ Discharge of pump	900 LPM	Provided	MR
	➤ Head of the pump	40m	Provided	MR
	➤ Power Supply	Required	Provided	MR
	➤ Auto Starting of pump	Required	Provided	MR
14.	Captive Water Storage for fire fighting			
	• Underground tank capacity			
	➤ Draw-off connection	2,00,000 Lts	Provided	MR
	➤ Fire service inlet	Required	Provided	MR
	➤ Access to tank	Required	Provided	MR
	• Overhead Tank capacity	20,000 Lts.	Provided	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	-NA-	-NA-	-NA-
	➤ Location	-NA-	-NA-	-NA-
19.	Fire Control Room			
	• Detector System Panel	Required	Provided	MR

11.	<ul style="list-style-type: none"> • Size of riser/down-comer • Number of hydrants per floor • Hose Box 	100mm	Provided	MR
		Two	Provided	MR
		Two	Provided	MR
12.	Yard Hydrants			
	<ul style="list-style-type: none"> • Total number of hydrants • Hose Box 	Required	5 No's	MR
		Required	6 No's	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 			
		2850LPM	2850LPM	MR
		80m	80m	MR
		Two	Two	MR
		2Nos of 180 LPM	2Nos of 180 LPM	MR
		80m	80m	MR
		2850LPM	2850LPM	MR
		80m	80m	MR
		Required	Provided	MR
		Required	Provided	MR
	<ul style="list-style-type: none"> • Terrace level <ul style="list-style-type: none"> ➤ Discharge of pump ➤ Head of the pump ➤ Power Supply ➤ Auto Starting of pump 			
		900 LPM	Provided	MR
		40m	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
14.	Captive Water Storage for fire fighting			
	<ul style="list-style-type: none"> • Underground tank capacity <ul style="list-style-type: none"> ➤ Draw-off connection ➤ Fire service inlet ➤ Access to tank • Overhead Tank capacity 			
		2,00,000 Lts	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		20,000 Lts.	Provided	MR
15.	Exit Signage.	Required	Provided	MR
16.	Provision of Lifts.			
	<ul style="list-style-type: none"> • Pressurization of Lift Shaft • Pressurization of Lift lobby • Communication In lift Car • Fireman's Grounding Switch • Lift Signage 	Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
17.	Standby power supply	Required	Provided	MR
18.	Refuge Area.			
	<ul style="list-style-type: none"> ➤ Total Area ➤ Location 	-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
19.	Fire Control Room			
	<ul style="list-style-type: none"> • Detector System Panel • Flow Switch Panel • PA System Panel • Battery backup • Building Floor Plans 	Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
20.	Special Fire Protection System for Protection of special Risks, if any:	Automatic suppression System	Provided	MR

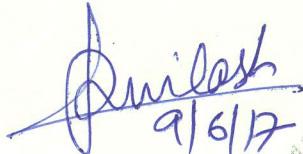
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Madhukar Multispeciality Hospital and Research Center, Plot No. 5, FC-29, Geetanjali, New Delhi-110017

The fire protection systems provided in the building were randomly tested, checked and found functional at the time of inspection. The Shortcomings communicated vide letter no. F6/DFS/MS/2016/680 dated 16/03/2016 found complied during the inspection. ✓

Keeping in view of the above substantial compliance of the minimum standards of fire prevention and fire safety measures as required under the rules it is recommended to grant Fire Safety Certificate under rule 35 of the Delhi Fire Service Rules 2010.

Accordingly DFA is put up for approval and signature.


9/6/17

Signature of Inspecting Officer

Name: A. K. Malik

Designation: Divisional Officer

DY. CFO (SZ)