

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

No. F.6/DFS/MS/Hospital/2016/SZ/ 1423

Dated: 20/09/16

FIRE SAFETY CERTIFICATE

Certified that the **Fortis Flt. Lt. Rajan Dhall Hospital situated at Sector B, Pocket-1, Aruna Asaf Ali Marg, Vasant Kunj, New Delhi-110070**, comprised of **Basement, Ground plus five upper floor** has already been issued FSC by this department vide letter No. F.6/DFS/MS/2007/HR/2506/NOC/23 dated 28/08/2007. The Hospital was re-inspected by the officer concerned of this department on **19/08/2016** in presence of **Mr. Harpal Singh (CSO)** & 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 **20/9/2016** 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 20/9/16 at New Delhi by.


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

Copy to: -

1. Authorized Signatory, Fortis Flt. Lt. Rajan Dhall Hospital, Sector B, Pocket-1, Aruna Asaf Ali Marg, Vasant Kunj, New Delhi-110070.
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 risk and 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 the form 'K' provided in the first schedule of Delhi Fire Service Rules 2010. The form is available on www.dfs.delhigovt.nic.in.
5. The 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 the 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 : Fortis Flt. Lt. RajanDhall Hospital, Sector B, Pocket-1, ArunaAsafAli Marg, Vasant Kunj, New Delhi-110070
2. Type of Occupancy : Class-C "Institutional (Hospital)"
3. Type of Case : Renewal
4. Details of Previous NOC : No. F6/DFS/MS/2007/HR/2506/NOC/23 dated 28/08/2007
5. Fire Safety directives letter No : F6/DFS/BP/Hospital/99/825 dated 27/08/99
6. Date of inspection : 19/08/2016
7. Name of Inspecting Officer : A. K. Malik
8. Name and designation of officers
From the building side : Mr. Harpal Singh (CSO)
9. Year of Construction : -Nil- [Basement + GF + 5 Upper floors]
10. Applicant's letter No. : FHVK/ADMIN/Fire-NOC/02/2015, dated 02/08/16

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	12 Fire Safety Points	Provided at site	Remarks MR/NMR
1.	Access to building			
	<ul style="list-style-type: none"> • Road width • Gate width • Width of internal road 	6m Required Required	9m 5m 6m (Three side)	MR MR MR(old case)
2.	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	<ul style="list-style-type: none"> • Upper Floors • Basements 	Required	2(GF to 5 th Floor) +1 (GF to half portion of 4 th Floor)	MR (Old Case)
	b. Width of staircases	Required	4 + 1 ramp	MR (Old Case)
	<ul style="list-style-type: none"> • Upper Floor • Basements 	Required	1.74, 1.73m + 1.2m	MR (Old Case)
	c. Protection of exits	Required	1.74, 1.73m + 1.14m + 2.7m	MR (Old Case)
	<ul style="list-style-type: none"> • Fire check door • Pressurization 	Required	Provided	MR
	d. No. of continuous staircases to terrace	-NA-	-NA-	-NA-
	e. Width of Corridor	One	One	MR
	f. Door Size	-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
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	Provided	MR
		Required	Provided	MR
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
4.	Smoke Management System			
	<ul style="list-style-type: none"> • Basements 	30 a/c per hour	Provided	-NA-
	<ul style="list-style-type: none"> • Upper floors 	12 a/c per hour	Provided	-NA-
5.	Fire Extinguishers			
	<ul style="list-style-type: none"> • Total numbers • Types • IS marking 	80 No's ISI	145 No's ABC-95 No's W. CO ₂ /CO ₂ - 50 No's	MR MR MR
6.	First-Aid Hose Reels			
	<ul style="list-style-type: none"> • Total numbers on each floor • Length of hose reel hose • Nozzle diameter 	Two 30m 5mm	Provided Provided Provided	MR MR 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 	Smoke & Heat Required -NA-	Provided Basement NA	MR MR

	• Hooters' Location	Required	All floors	MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	-NA-	Provided	-NA-
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	150mm	150mm	MR
	• Number of hydrants per floor	Two	Two	MR
	• Hose Box	Two	Two	MR
12.	Yard Hydrants			
	• Total number of hydrants	-NA-	9 No's	-NA-
	• Hose Box	-NA-	9 No's	-NA-
13.	Pumping Arrangements			
	• Ground Level			
	➤ Discharge of main Pump	2850LPM	2850LPM	MR
	➤ Head of Main pump	85m	85m	MR
	➤ Number of main pumps	Two	Two	MR
	➤ Jockey Pump out put	180 LPM	180 LPM	MR
	➤ Jockey pump head	85m	85m	MR
	➤ Standby Pump out put	2850LPM	2850LPM	MR
	➤ Standby Pump Head	85m	85m	MR
	➤ Auto Starting/Manual Stopping	Required	Provided	MR
	➤ Pump House Access	Required	Provided	MR
	• Terrace level			
	➤ Discharge of pump	-NA-	-NA-	-NA-
	➤ Head of the pump	-NA-	-NA-	-NA-
	➤ Power Supply	-NA-	-NA-	-NA-
	➤ Auto Starting of pump	-NA-	-NA-	-NA-
14.	Captive Water Storage for fire fighting			
	• Underground tank capacity			
	➤ Draw-off connection	1,00,000 Lts	1,00,000 Lts	MR
	➤ Fire service inlet	Required	Provided	MR
	➤ Access to tank	Required	Provided	MR
	• Overhead Tank capacity	50,000 Lts.	50,000 Lts.	MR
15.	Exit Signage.	Required	Provided	MR
16.	Provision of Lifts.			
	• Pressurization of Lift Shaft	-NA-	Provided	-NA-
	• Pressurization of Lift lobby	-NA-	-NA-	-NA-
	• Communication In lift Car	-NA-	Provided	-NA-
	• Fireman's Grounding Switch	Required	Provided	MR
	• Lift Signage	-NA-	Provided	-NA-
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	-NA-	-NA-	-NA-
	• Flow Switch Panel	-NA-	-NA-	-NA-
	• PA System Panel	-NA-	-NA-	-NA-
	• Battery backup	-NA-	-NA-	-NA-
	• Building Floor Plans	-NA-	-NA-	-NA-
20.	Special Fire Protection System for Protection of special Risks, if any:	-NA-	CO ₂ Manual Flooding in LT & HT	-NA-

The shortcoming communicated vide letter no. F6/DFS/MS/Hospital/SZ/2016/383 dated 27/05/16 found complied. The fire protection systems provided in the building were tested, checked and found functional at the time of 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.

Anilash
31/8/16

Signature of Inspecting Officer
Name: A. K. Malik
Designation: Divisional Officer

DY. CFO(SZ)

[Signature]
31/8

31-8-16