

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

No. F6/DFS/MS/Hospital/2013/W2/495 Dated: 27/06/2013

**FIRE SAFETY CERTIFICATE**

Certified that the **Fortis Hospital** located at **Block-A Shalimar Bagh, New Delhi.**, building is comprised of basement, ground and 05 upper floors, ground floor, owned/occupied by **Fortis Hospital** was issued FSC vide this office letter No. **F6/DFS/MS/Hospital/2010/1242** dated **29/04/10**. The premises was re-inspected by the officers concerned of this department on **04/06/2013** 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)** occupancy with effect from 27/06/13.....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. Subject to condition printed below.

Issued on.....27/06/13.....at New Delhi by

  
(Santokh Singh)  
Chief Fire Officer  
Delhi Fire Service  
E-mail: cfowz.dfire@nic.in  
Phone : 011-23414250

Copy to: Mr. Jasdeep Singh (Authorised Signatory) **Fortis Hospital at Shalimar Bagh, New Delhi**

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

May kindly peruse letter no nil dated 18-04-13 received from Authorized Signatory, regarding issue of NOC in r/o Fortis Hospital located at Block –A, Shalimar Bagh, New Delhi. It was observe that the building is comprised of basement, ground and 05 upper floors. Premises was inspected by the undersigned & the fire safety arrangements are put up on the prescribed Performa..

1. Name & address of the building : Fortis Hospital located at Block-A, Shalimar Bagh, New Delhi
2. Type of Occupancy : Class-C (Institutional)
3. Type of Case : Renewal
4. Details of previous NOC : F6/DFS/MS/Hospital/2010/1242 dated 29/04/10
5. Fire Safety directives letter No. : F6/MS/DFS/BP/Hospital/2012/1639 dated 07/05/12
6. Date of inspection : 04-06-2013 ✓
7. Name of the Inspecting Officers : DO (MN) & Dy. CFO (MN)
8. Name and designation of officers  
From the building side : Mr. Jasdeep Singh
9. Year of Construction :
10. Applicant's letter No. : nil dated 18-04-13 ✓

### INSPECTION REPORT

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

S. No.	Minimum Standards on fire Prevention and fire safety U/R 33	NBC Requirement	Provided at site	Remarks MR/NMR
1.	<b>Access to building</b>			
	• Road width	12 mtr ✓	24 mtr	M.R
	• Gate width	4.5 mtr	5 mtr	M.R.
	• Width of internal road	6 ✓	6 mtr	M.R.
2.	<b>Number, Width, Type &amp; Arrangement of Exits</b>			
	a. Number of staircases	06 ✓	06	M.R

	<ul style="list-style-type: none"> <li>Upper Floors</li> </ul>	06 ✓	06	M.R.
	<ul style="list-style-type: none"> <li>Basement</li> </ul>	08 ✓	08	M.R.
	b. Width of staircases			
	<ul style="list-style-type: none"> <li>Upper Floors</li> </ul>	2 mtr ✓	2 mtr	M.R.
	<ul style="list-style-type: none"> <li>Basement</li> </ul>	2 mtr ✓	2 mtr	M.R.
	c. Protection of exits			
	<ul style="list-style-type: none"> <li>Fire check door</li> </ul>	Required ✓	Provided	M.R.
	<ul style="list-style-type: none"> <li>Pressurization</li> </ul>	Required ✓	Provided	M.R.
	d. No. of continuous staircases to terrace	06 ✓	06	M.R.
	e. Width of Corridor	2 mtr ✓	2 mtr	M.R.
	f. Door size	1.5 mtr ✓	1.5 mtr	M.R.
3.	<b>Compartmentation.</b>			
	<ul style="list-style-type: none"> <li>Fire check door</li> </ul>	Required ✓	Provided	M.R.
	<ul style="list-style-type: none"> <li>Sealing of electrical shafts</li> </ul>	Required ✓	Provided	M.R.
	<ul style="list-style-type: none"> <li>Fire Rating of shaft door</li> </ul>	Required ✓	Provided	M.R.
	<ul style="list-style-type: none"> <li>Water Curtain</li> </ul>	Required ✓	Provided	M.R.
	<ul style="list-style-type: none"> <li>Fire Dampers</li> </ul>	Required ✓	Provided	M.R.
4.	<b>Smoke Management System.</b>			
	<ul style="list-style-type: none"> <li>Basements</li> </ul>	Required ✓	Provided	M.R.



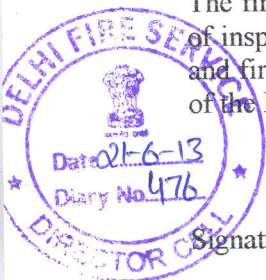
	<ul style="list-style-type: none"> <li>Upper floors</li> </ul>	Required ✓	Provided	M.R.
<b>5.</b>	<b>Fire Extinguishers</b>			
	<ul style="list-style-type: none"> <li>Total numbers</li> </ul>	50 ✓	Provided	M.R.
	<ul style="list-style-type: none"> <li>Types</li> </ul>	ABC water CO <sup>2</sup> & CO <sup>2</sup>	Provided	M.R.
	<ul style="list-style-type: none"> <li>IS marking</li> </ul>	ISI marked ✓	ISI marked	M.R.
<b>6.</b>	<b>First-Aid Hose Rees.</b>			
	<ul style="list-style-type: none"> <li>Total numbers on each floor</li> </ul>	06 ✓	Provided	M.R.
	<ul style="list-style-type: none"> <li>Length of hose reel hose</li> </ul>	30 m ✓	Provided	M.R.
	<ul style="list-style-type: none"> <li>Nozzle diameter</li> </ul>	5 mm ✓	Provided	M.R.
<b>7.</b>	<b>Automatic fire detection and alarming system.</b>			
	<ul style="list-style-type: none"> <li>Type of detectors</li> </ul>	Smoke & Heat ✓	Provided	M.R.
	<ul style="list-style-type: none"> <li>Location of Main Panel</li> </ul>	Ground floor ✓	Provided	M.R.
	<ul style="list-style-type: none"> <li>Location of Repeater Panel</li> </ul>	Ground floor	Provided	M.R.
	<ul style="list-style-type: none"> <li>Alternate source of power</li> </ul>	Required ✓	Provided	M.R.
	<ul style="list-style-type: none"> <li>Hooter's Location</li> </ul>	required ✓	Provided at strategic location	M.R.
<b>8.</b>	<b>MOEFA</b>	Required ✓	Provided	M.R.
<b>9.</b>	<b>Public Address System.</b>	Required ✓	Provided	M.R.
<b>10.</b>	<b>Automatic Sprinkler system</b>			
	<ul style="list-style-type: none"> <li>Basement</li> </ul>	Required ✓	Provided	M.R.

	<ul style="list-style-type: none"> <li>Upper Floor</li> </ul>	Required	Provided	M.R.
	<ul style="list-style-type: none"> <li>Sprinkler above false ceiling</li> </ul>	Required	Provided	M.R.
<b>11.</b>	<b>Internal Hydrants</b>			
	<ul style="list-style-type: none"> <li>Size of riser/down-comer</li> </ul>	100 mm	Provided	M.R.
	<ul style="list-style-type: none"> <li>Number of hydrants per floor</li> </ul>	06	Provided	M.R.
	<ul style="list-style-type: none"> <li>Hose Box</li> </ul>	06	Provided	M.R.
<b>12.</b>	<b>Yard Hydrants.</b>			
	<ul style="list-style-type: none"> <li>Total number of hydrants</li> </ul>	04	04	M.R.
	<ul style="list-style-type: none"> <li>Hose Box</li> </ul>	04	04	M.R.
<b>13.</b>	<b>Pumping Arrangements.</b>			
	<b>Ground Level</b>			
	➤ Discharge of main pump	2280 LPM	Provided	M.R.
	➤ Head of Main pump	90 mtrs	Provided	M.R.
	➤ Number of main pumps	2 electric 1 diesel	2 electric 1 diesel	M.R.
	➤ Jockey Pump out put	180 LPM	Provided	M.R.
	➤ Jockey pump head	70 mtr	Provided	M.R.
	➤ Standby pump out put	2280 LPM	Provided	M.R.
	➤ Standby pump Head	90 mtrs	Provided	M.R.
	➤ Auto Starting/Manual stopping	Required	Provided	M.R.

	➤ Pump Hose Access	Accessible	Accessible	M.R.
	<b>Terrace level</b>			
	➤ Discharge of pump	450 LPM	provided	M.R.
	➤ Head of the pump	70 mtr	provided	M.R.
	➤ Power supply	Required	Provided	M.R.
	➤ Auto Starting of pump	Required	Provided	M.R.
<b>14.</b>	<b>Captive Water Storage for fire fighting.</b>			
	<b>Underground tank capacity</b>	1,50,000	Provided	M.R.
	➤ Draw -off connection	required	Provided	M.R.
	➤ Fire service inlet	required	Provided	M.R.
	➤ Access to tank	Accessible	Accessible	M.R.
	➤ Overhead Tank Capacity	Required 20,000 ltrs	20,000 ltrs	M.R.
<b>15</b>	<b>Exit Signage.</b>	Required	Provided	M.R.
<b>16.</b>	<b>Provision of Lifts</b>			
	• 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.

17.	Standby power supply	Required	Provided 12KVA	M.R.
18.	Refuge Area			
	➤ Total Area	Old case	Old case	Old case
	➤ Location	5 <sup>th</sup> floor	provided	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:	LT & HT Panel	provided	M.R.

The fire protection systems provided in the building were test checked and found functional at the time of inspection. Keeping 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 rule 35 of the Delhi Fire Service Rules 2010/.



Signature of the Inspection Officer

Name Sunil Chawdhary

Designation D.O. (M.N)

Signature of the Inspection Officer

Name

Designation

By C.F.O.