

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

No. F.6/DFS/MS/Hospital/2017/SZ/ 244

Dated: 22/2/17

**FIRE SAFETY CERTIFICATE**

Certified that the **Holy Family Hospital, Okhla Road, New Delhi-110025**, comprised of Four Blocks namely Hospital Block (Ground & 4 Upper Floors), OPD Block (Ground & 2 Upper Floors), Private OPD Block (Basement & Ground Floor) & Teaching Block (Ground & 2 Upper Floors) has already been issued FSC by this department vide letter No. F6/DFS/MS/Hospital/2013/SZ/1365 dated 31/12/2013. The Hospital was re-inspected by the officer concerned of this department on **15/02/2017** in the presence of **Mr. Shyam Sunder (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 ~~22/2/2017~~ 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.....22/2/17.....at New Delhi by.

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

Copy to:-

1. Father George P.A, Director, Holy Family Hospital, Okhla Road, New Delhi-110025
2. Executive Engg. (Bldg.), South Delhi Municipal Corporation, 8<sup>th</sup> 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](http://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 : Holy Family Hospital, Okhla Road, New Delhi-110025
2. Type of Occupancy : Institutional "Group-C"
3. Type of Case : Renewal [Four Blocks: Hospital Block (G + 4 UF), OPD Block (G + 2 UF), Private OPD Block (B + GF) & Teaching Block (G + 2 UF)]
4. Details of Previous NOC : F6/DFS/MS/Hospital/2013/SZ/1365 dated 31/12/2013
5. Fire Safety directives letter No : MS/FSC/DDA/86-81-83 dated 25/03/1986 & F6/DFS/MS/89/Hospital/1791 dated 13/09/1989 & F6/DFS/MS/BP/98/1167 (Hospital) dated 23/06/98
6. Date of inspection : 15/02/2017
7. Name of Inspecting Officer : A. K. Malik
8. Name and designation of officer from the building side : Mr. Shyam Sunder (Chief Security Officer)
9. Year of Construction : prior to 1986 & 2005
10. Applicant's letter No. : Nil dated 30/01/2016, outdoor diary no. 964 dated 30/01/16

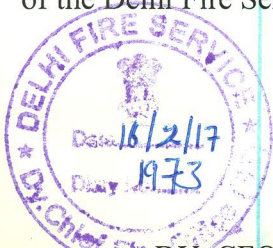
S. No.	Minimum Standards on fire prevention and fire safety U/R 33	BBL/NBC Requirement	Provided at site	Remarks MR/NMR
1.	<b>Access to building</b>			
	<ul style="list-style-type: none"> <li>• Road width</li> <li>• Gate width</li> <li>• Width of internal road</li> </ul>	Accessible Accessible Adequate	9m 4.5m 6m	MR MR MR
2.	<b>Number, Width, Type &amp; Arrangement of Exits</b>			
	a. Number of staircases			
	<ul style="list-style-type: none"> <li>• Upper Floors</li> </ul>	1. Hospital Block-03 2. OPD Block-03 3. Private OPD Block-03 4. Teaching Block-06	1. Provided + One Ramp 2. Provided + H. Exit 3. Provided + H. Exit 4. Provided	MR (old case)
	<ul style="list-style-type: none"> <li>• Basements</li> </ul>	Two	Three	MR
	b. Width of staircases			
	<ul style="list-style-type: none"> <li>• Upper Floors</li> </ul>	2m & 1.5m (for Hospital Blocks) & 1.25m (for Teaching Block & OPD Block)	<b>Hospital Block:</b> G to 4 <sup>th</sup> -1.10m(spiral) & 2.03m; G to terrace-2.26m + 2.27m (ramp: G to terrace) <b>OPD Block:</b> G to 1 <sup>st</sup> -1.60m; G to 2 <sup>nd</sup> -1.32m; G to terrace-1.42m & 0.98m + 2.78m (H. Exit at 1 <sup>st</sup> & 2 <sup>nd</sup> F with Hospital Block) <b>Private OPD Block:</b> G to terrace-1.95m(each) + 1.14m (H. Exit at terrace with OPD Block) <b>Teaching Block:</b> G to terrace-4 no's of 1.25m & one of 1.50m; G to 2 <sup>nd</sup> F-1.54m	MR (old case)  MR (old case)  MR (old case)  MR

	<ul style="list-style-type: none"> <li>• Fire check door</li> </ul>	Required	Not Provided	Exempted on the risk & responsibility of management (N/10, C/45)
	<ul style="list-style-type: none"> <li>• Pressurization</li> </ul>	NA	NA	NA
	d. No. of continuous staircases to terrace	Required	<b>Hospital Block:</b> one + ramp <b>OPD Block:</b> Two <b>Private OPD Block:</b> Three <b>Teaching Block:</b> Five	MR (old case) {Point No.23, 1986 directives}
	e. Width of Corridor	2m	Provided	MR
	f. Door Size	1m (for teaching block)	Provided	MR
<b>3.</b>	<b>Compartmentation</b>			
	<ul style="list-style-type: none"> <li>• Fire check door</li> </ul>	Required	Not Provided	Exempted
	<ul style="list-style-type: none"> <li>• Sealing of electrical shafts</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>• Fire Rating of shaft door</li> </ul>	NA	NA	NA
	<ul style="list-style-type: none"> <li>• Water Curtain</li> </ul>	NA	NA	NA
	<ul style="list-style-type: none"> <li>• Fire Dampers</li> </ul>	NA	NA	NA
<b>4.</b>	<b>Smoke Management System</b>			
	<ul style="list-style-type: none"> <li>• Basements</li> </ul>	30 ACPH	Provided	MR
	<ul style="list-style-type: none"> <li>• Upper floors</li> </ul>	12 ACPH	Provided	MR
<b>5.</b>	<b>Fire Extinguishers</b>			
	<ul style="list-style-type: none"> <li>• Total numbers</li> </ul>	70 No's	80 Nos	MR
	<ul style="list-style-type: none"> <li>• Types</li> </ul>	ISI marked	ABC/W. CO <sub>2</sub> /CO <sub>2</sub> -30/25/25 Nos	MR
	<ul style="list-style-type: none"> <li>• IS marking</li> </ul>		Yes	MR
<b>6.</b>	<b>First-Aid Hose Reels</b>			
	<ul style="list-style-type: none"> <li>• Total numbers on each floor</li> </ul>	Two	Provided	MR
	<ul style="list-style-type: none"> <li>• Length of hose reel hose</li> </ul>	30m	Provided	MR
	<ul style="list-style-type: none"> <li>• Nozzle diameter</li> </ul>	5mm	Provided	MR
<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	MR
	<ul style="list-style-type: none"> <li>• Location of Main Panel</li> </ul>	Ground Floor	Provided	MR
	<ul style="list-style-type: none"> <li>• Location of Repeater Panel</li> </ul>	NA	Provided	NA
	<ul style="list-style-type: none"> <li>• Alternate source of power</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>• Hooters' Location</li> </ul>	Every Floor	Provided	MR
<b>8.</b>	<b>MOEFA</b>	Required	Provided	MR
<b>9.</b>	<b>Public Address System</b>	Required	Provided	MR
<b>10.</b>	<b>Automatic Sprinkler System</b>			
	<ul style="list-style-type: none"> <li>• Basement</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>• Upper Floors</li> </ul>	NA	NA	NA
	<ul style="list-style-type: none"> <li>• Sprinkler above false ceiling</li> </ul>	NA	NA	NA
<b>11.</b>	<b>Internal Hydrants</b>			
	<ul style="list-style-type: none"> <li>• Size of riser/down-comer</li> </ul>	100mm	Provided	MR
	<ul style="list-style-type: none"> <li>• Number of hydrants per floor</li> </ul>	Two	Provided	MR
	<ul style="list-style-type: none"> <li>• Hose Box</li> </ul>	Two	Provided	MR
<b>12.</b>	<b>Yard Hydrants</b>			
	<ul style="list-style-type: none"> <li>• Total number of hydrants</li> </ul>	Required	11 No's	MR
	<ul style="list-style-type: none"> <li>• Hose Box</li> </ul>	Required	11 No's	MR
<b>13.</b>	<b>Pumping Arrangements</b>			
	<ul style="list-style-type: none"> <li>• Ground Level</li> </ul>			

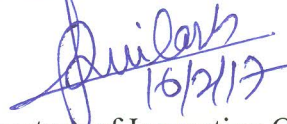
	➤ Head of Main pump	60m	Provided	MR
	➤ Number of main pumps	One	Provided	MR
	➤ Jockey Pump out put	180 LPM	Provided	MR
	➤ Jockey pump head	60m	Provided	MR
	➤ Standby Pump out put	1620 LPM	Provided	MR
	➤ Standby Pump Head	60m	Provided	MR
	➤ Auto Starting/Manual Stopping	Required	Provided	MR
	➤ Pump House Access	Required	Provided	MR
	• Terrace level			
	➤ Discharge of pump	450 LPM (Teaching Block)	Provided	MR
	➤ Head of the pump	40m	Provided	MR
	➤ Power Supply	Required	Provided	MR
	➤ Auto Starting of pump	Required	Provided	MR
<b>14.</b>	<b>Captive Water Storage for fire fighting</b>			
	• Underground tank capacity	2,50,000 Lts	2,00,000 Lts	MR (old case)
	➤ Draw-off connection	Required	Provided	MR
	➤ Fire service inlet	Required	Provided	MR
	➤ Access to tank	Required	Provided	MR
	• Overhead Tank capacity	2,500 Lts (Teaching Block)	Provided	MR
<b>15.</b>	<b>Exit Signage.</b>	Required	Provided	MR
<b>16.</b>	<b>Provision of Lifts.</b>			
	• Pressurization of Lift Shaft	NA	NA	NA
	• Pressurization of Lift lobby	NA	NA	NA
	• Communication In lift Car	Required	Provided	MR
	• Fireman's Grounding Switch	Required	Provided	MR
	• Lift Signage	Required	Provided	MR
<b>17.</b>	<b>Standby power supply</b>	Required	Provided	MR
<b>18.</b>	<b>Refuge Area.</b>			
	➤ Total Area	NA	NA	NA
	➤ Location	NA	NA	NA
<b>19.</b>	<b>Fire Control Room</b>			
	• Detector System Panel	Required	Provided	MR
	• Flow Switch Panel	NA	NA	NA
	• PA System Panel	Required	Provided	MR
	• Batter backup	Required	Provided	MR
	• Building Floor Plans	Required	Provided	MR
<b>20.</b>	<b>Special Fire Protection System for Protection of special Risks, if any:</b>	Required	Provided	MR

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/Hospital/2017/SZ/158 dated 18.01.2017 found complied, except point no. 1. The same may be accepted in view of point no. 23 of 1986 directives and representation of hospital in letter referred above. ✓

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.



DY. CFO (SZ)

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

F7/10