

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


NO. F6/DFS/MS/Hospital/2013/48

Dated: 08/03/2013

**FIRE SAFETY CERTIFICATE**

Certified that the Sanjay Gandhi Memorial Hospital located at Mangolpuri Delhi is comprised of Four Blocks ( Admin and stores block, Maternity / Pediatric block, Doctors hostel and Nurses hostel ) was issued NOC vide this office letter No F-6/DFS/MS/Hospital/2008/568 dated 28/02/2008 was inspected by the officers concerned of this department on 08/02/2013 in the presence of Sh A.K.Singhal, AE (C) PWD and Sh S.S. Aggarwal JE (Electric) PWD and found that the Hospital building have deemed complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and premises is fit for occupancy with effect from 08/03/2013 for a period of three years subject to conditions printed below.

1. Means of escape shall not be kept locked or bolted from outside and shall be easily open able by guests in an event of emergency.
2. All employees shall be acquainted with the use and maintenance of all the fire fighting installation/equipments.
3. The fire suppression / protection arrangements provided in the guest house are to minimize losses, if maintained in good working condition. These systems cannot give any guarantee that there will be no fire or losses in the event of one.
4. Any loss of life and property due to non-functional of fire safety arrangements and other installations shall be the responsibility of the licensee.
5. This report may not in any way be treated as regularization of unauthorized construction, if any.
6. 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

  
Chief Fire Officer  
Delhi Fire Service

Copy to:

1. The Executive Engineer, (Electrical), PWD EMD M-352, Dr B R Ambedkar Hospital, Sector , 6, Rohini, Delhi 110085
2. Medical Superintendent, SGM Hospital, Mangolpuri, Delhi

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May kindly peruse letter no DB(5)/PWD EMD-352/2012-13/489 dated 01/08/12 received from the Executive Engineer (E), regarding issue of NOC in r/o Sanjay Gandhi Memorial Hospital, Mangolpuri, Delhi. Premises was re-inspected carried out on 10.10.12 to verify shortcoming, by the undersigned & observe that the building is comprised of (Ward Block) G+2. The fire safety arrangements are put up on the prescribed Performa.

1. Name & address of the building : Sanjay Gandhi Memorial Hospital, Mangolpuri, Delhi. (Ward Block) G+2
2. Type of Occupancy : Class-C (Institutional)
3. Type of Case : Renewal
4. Details of previous NOC : F6/DFS/MS/Hospital/2008/568 dated 28.02.2008
5. Fire Safety directives letter No. : F6/MS/DFS//Hospital/2002/BP/1232 dated 26.07.2002
6. Date of inspection : 10.10.2012
7. Name of the Inspecting Officers : D.O. Sunil Chawdhary
8. Name and designation of officers  
From the building side : Mr.S.S. Aggarwal JE (Elect.) PWD
9. Year of Construction : 2004
10. Applicant's letter No. : DB(5)/PWD EMD-352/2012-13/489 dated 01/0812

### 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	9 mtr	9 mtr	Turning circle not available on front side of block M.R
	• Gate width	5 mtr	5 mtr	M.R.
	• Width of internal road	6 mtr	6 mtr	M.R.
2.	<b>Number, Width, Type &amp; Arrangement of Exits</b>			
	a. Number of staircases			

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	<ul style="list-style-type: none"> <li>• Upper Floors</li> <li>• Basement</li> </ul>	1+ 1 ramp	1+1 ramp	M.R
	<ul style="list-style-type: none"> <li>• Upper Floors</li> <li>• Basement</li> </ul>	1+ 1 ramp	1+1 ramp	M.R
b. Width of staircases				
<ul style="list-style-type: none"> <li>• Upper Floors</li> <li>• Basement</li> </ul>	2 mtr each	2 mtr each	Without railing 2 mtr, M.R.	
	- Do -	- do -	- do -	
c. Protection of exits				
<ul style="list-style-type: none"> <li>• Fire check door</li> <li>• Pressurization</li> </ul>	Required	Provided	M.R.	
	Required	Provided	M.R.	
d. No. of continuous staircases to terrace				
	Required	Provided	M.R.	
e. Width of Corridor				
f. Door size	2 mtr	2 mtr	M.R.	
3.	<b>Compartmentation.</b>			
	<ul style="list-style-type: none"> <li>• Fire check door</li> <li>• Sealing of electrical shafts</li> <li>• Fire Rating of shaft door</li> <li>• Water Curtain</li> <li>• Fire Dampers</li> </ul>	Required	Provided	M.R.
		Required	Provided	M.R.
		Required	Provided	M.R.
		N.A.	N.A.	N.A.
		Required	Provided	M.R.
4.	<b>Smoke Management System.</b>			
	<ul style="list-style-type: none"> <li>• Basements</li> <li>• Upper floors</li> </ul>	N.A.	N.A.	N.A.
		N.A.	N.A.	N.A.
5.	<b>Fire Extinguishers</b>			
	<ul style="list-style-type: none"> <li>• Total numbers</li> </ul>	As marked on plan	39 nos	M.R.



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	<ul style="list-style-type: none"> <li>Types</li> <li>IS marking</li> </ul>	ABC water CO <sup>2</sup> & CO <sup>2</sup>  ISI marked	Provided  ISI marked	M.R.  M.R.
<b>6.</b>	<b>First-Aid Hose Rees.</b>			
	<ul style="list-style-type: none"> <li>Total numbers on each floor</li> <li>Length of hose reel hose</li> <li>Nozzle diameter</li> </ul>	1  30 m  5 mm	provided  30 m  5 mm	M.R.  M.R.  M.R.
<b>7.</b>	<b>Automatic fire detection and alarming system.</b>			
	<ul style="list-style-type: none"> <li>Type of detectors</li> <li>Location of Main Panel</li> <li>Location of Repeater Panel</li> <li>Alternate source of power</li> <li>Hooter's Location</li> </ul>	Smoke & Heat  Ground floor  Ground floor  Required  Required	Provided  Provided  Provided  Provided	M.R.  M.R.  M.R.  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>	Required	Provided	M.R.
	<ul style="list-style-type: none"> <li>Basement</li> <li>Upper Floor</li> <li>Sprinkler above false ceiling</li> </ul>	N.A.  N.A.  N.A.	N.A.  N.A.  N.A.	N.M.R.  N.M.R.  N.M.R.
<b>11.</b>	<b>Internal Hydrants</b>			

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	<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>	1	provided	M.R.
	<ul style="list-style-type: none"> <li>• Hose Box</li> </ul>	1	Provided	M.R.
<b>12.</b>	<b>Yard Hydrants.</b>			
	<ul style="list-style-type: none"> <li>• Total number of hydrants</li> </ul>	required	15 provided	M.R.
	<ul style="list-style-type: none"> <li>• Hose Box</li> </ul>	required	15 Provided	M.R.
<b>13.</b>	<b>Pumping Arrangements.</b>			
	<b>Ground Level</b>			
	➤ Discharge of main pump	2850 LPM	Provided	M.R.
	➤ Head of Main pump	60 mtrs	Provided	M.R.
	➤ Number of main pumps	5	2 = operated One standby with DG 2 = Jockey pmus	M.R.
	➤ Jockey Pump out put	180 LPM	Provided	M.R.
	➤ Jockey pump head	60 mtr	Provided	M.R.
	➤ Standby pump out put	2850 LPM	Provided	M.R.
	➤ Standby pump Head	60 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	N.A.	N.A.	N.A.
	➤ Head of the pump	N.A.	N.A.	N.A.

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	➤ Power supply	N.A.	N.A.	N.A.
	➤ Auto Starting of pump	N.A.	N.A.	N.A.
<b>14.</b>	<b>Captive Water Storage for fire fighting.</b>			
	<b>Underground tank capacity</b>	2 lack	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 provided	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.
<b>17.</b>	<b>Standby power supply</b>	Required	Provided	M.R.
<b>18.</b>	<b>Refuge Area</b>			
	➤ Total Area	N.A.	N.A.	N.A.
	➤ Location	N.A.	N.A.	N.A.
<b>19.</b>	<b>Fire Control Room</b>			

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	➤ 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:	N.A.	N.A.	N.A.

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

Signature of the Inspection Officer

Name **Sunil Chawdhary**

Name

Designation **D.O. (MN)**

Designation