

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

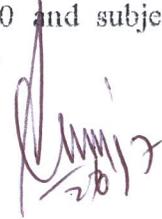
NO.F6/DFS/MS/GH/2013/52/623

Dated: 26/7/13

FIRE SAFETY CERTIFICATE

Certified that Nursing Hostel(part of phase-II) Institute of Liver and Biliary Sciences, Sector-D-1,Vasant Kunj, New Delhi-110070, comprised of Ground plus Seven Upper floors was inspected by the officer concerned of this department on 23-07-2013 in the presence of Mr.Amit Gautam, Asstt. Manager(Fire) and found that the said hostel 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 that the premises / building is fit for occupancy class residential with effect from 26/7/13 for a period of 3(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 26/7/13 at New Delhi by



(Dr. G.C. Misra)  
CHIEF FIRE OFFICER  
DELHI FIRE SERVICE

Tel:- 011-23414333

E-Mail:- [cfohq.dlfire@nic.in](mailto:cfohq.dlfire@nic.in)

Copy to: -

Mr. Anil Agarwal  
Dy. Head ( Admin)  
Institute of Liver & Biliary Sciences  
Sector-D-1, Vasant Kunj,  
New Delhi-110070



Conditions for the validity of fire safety certificate

- All the fire safety and means of escape facilities shall be maintained in good working conditions at all time. Any lapse rendering fire safety or means of evacuation facilities rendering non-functional shall be the responsibility of the management.
- Building Sanctioning authority may verify any deviation with regard to the construction / occupancy in the building. In case of any deviation, the fire safety certificate stands null and void.
- The staffs shall be trained for operating fire fighting system and mock evacuation drills be conducted at regular intervals and record be maintained.
- 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 website [www.dfs.delhigovt.nic.in](http://www.dfs.delhigovt.nic.in)

**INSPECTION REPORT**

1. Name & address of the building : Nursing Hostel, (part of phase -II), Institute of Liver and Biliary Sciences, Sector-D-1, Vasant Kunj, New Delhi-110070
2. Type of Occupancy : Residential
3. Type of Case : New case
4. Details of previous NOC : Letter No. Nil
5. Fire Safety directives letter No : F-6/DFS/MS/BP/2011/723 Dated 21.4.2011
6. Date of inspection : 23/07/2013
7. Name of the Inspecting Officers : D.O. Dharampal Bhardwaj & D.B.Mukherjee, ADO(BCP)
8. Name and designation of officers from the building side: Mr.Amit Gautam
9. Year of Construction : 2013 ( Ground plus Seven upper floors)
10. Applicant's letter No. :F.2/9/1/Fire Safety/ONM/Admin/2009/CID No-3813/2633-38  
Dtd.: 15/07/2013

| 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  | Required        | 12 Mtr           | MR             |
|        | • Gate width  | 5 Mtr           | 5 Mtr Provided   | MR             |
|        | • Width of internal road                                    | 6 Mtr           | 6 Mtr Provided   | MR             |
| 2      | <b>Number, Width, Type &amp; Arrangement of Exits</b>       |                 |                  |                |
|        | a. Number of staircases                                     |                 |                  |                |
|        | • Upper Floors  | 02              | 02               | MR             |
|        | • Basements   | N/A             | N/A              | N/A            |
|        | b. Width of staircases                                      |                 |                  |                |
|        | • Upper Floors  | 1.5             | 1.5 Mtr Each     | MR             |
|        | • Basements   | N/A             | N/A              | N/A            |
|        | c. Protection of exits                                      |                 |                  |                |
|        | • Fire check door   | Required        | Provided         | MR             |
|        | • Pressurization  | N/A             | N/A              | N/A            |
|        | e. No. of continuous staircases to terrace                  | Two             | Two              | MR             |
|        | g. Width of Corridor  | Required        | 1.45 M           | MR             |
|        | h. Door Size  | Required        | 1 M              | MR             |
| 3      | <b>Compartmentation.</b>                                    |                 |                  |                |

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N/9

|    |   |                                    |  |                                 |
|----|---|------------------------------------|--|---------------------------------|
|    | <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>               | N/A                                | N/A                                    | N/A                             |
|    |   | N/A                                | N/A                                    | N/A                             |
|    |   | N/A                                | N/A                                    | N/A                             |
|    |   | N/A                                | N/A                                    | N/A                             |
|    |   | N/A                                | N/A                                    | N/A                             |
| 4  | <b>Smoke Management System.</b>   |                                    |  |                                 |
|    | <ul style="list-style-type: none"> <li>• Basements</li> <li>• Upper floors</li> </ul>   | 30 a/c per hour<br>12 a/c per hour | N/A                                    | N/A                             |
|    |   |                                    | Natural                                | MR                              |
| 5  | <b>Fire Extinguishers</b>   |                                    |  |                                 |
|    | <ul style="list-style-type: none"> <li>• Total numbers</li> <li>• Types</li> <li>• IS marking</li> </ul>  | ISI marked                         | 30<br>CO2, ABC & Water CO2<br>Provided | MR<br>MR<br>MR                  |
| 6  | <b>First-Aid Hose Reels.</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>  | 02<br>30 m<br>5 mm                 | Provided<br>Provided<br>Provided       | MR<br>MR<br>MR                  |
| 7  | <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>• Hooters' Location</li> </ul> | N/A<br>N/A<br>N/A<br>N/A<br>N/A    | N/A<br>N/A<br>N/A<br>N/A<br>N/A        | N/A<br>N/A<br>N/A<br>N/A<br>N/A |
| 8  | <b>MOEFA</b>  | Required                           | Provided                               | MR                              |
| 9  | <b>Public Address System.</b>   | Required                           | Provided                               | MR                              |
| 10 | <b>Automatic Sprinkler System.</b>  |                                    |  |                                 |
|    | <ul style="list-style-type: none"> <li>• Basement</li> <li>• Upper Floor</li> <li>• Sprinkler above false ceiling</li> </ul>  | N/A<br>N/A<br>N/A                  | N/A<br>N/A<br>N/A                      | N/A<br>N/A<br>N/A               |
| 11 | <b>Internal Hydrants</b>  |                                    |  |                                 |
|    | <ul style="list-style-type: none"> <li>• Size of riser/down-comer</li> </ul>  | N/A                                | Provided 100 mm                        | MR                              |

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|           |   |          |   |     |
|-----------|---|----------|---|-----|
|           | <ul style="list-style-type: none"> <li>• Number of hydrants per floor</li> <li>• Hose Box</li> </ul>  | N/A      | Two   | MR  |
|           |   |          |   |     |
|           |   | N/A      | Two   | MR  |
| <b>12</b> | <b>Yard Hydrants.</b>   |          |   |     |
|           | <ul style="list-style-type: none"> <li>• Total number of hydrants</li> </ul>  | Required | 5 Nos. Provided                                 | MR  |
|           | <ul style="list-style-type: none"> <li>• Hose Box</li> </ul>  | Required | 5 Nos. Provided                                 | MR  |
| <b>13</b> | <b>Pumping Arrangements.</b>  |          |   |     |
|           | <ul style="list-style-type: none"> <li>• Ground Level                             <ul style="list-style-type: none"> <li>➤ Discharge of main Pump</li> <li>➤ Head of Main pump</li> <li>➤ Number of main pumps</li> <li>➤ Jockey Pump out put</li> <li>➤ Jockey pump head</li> <li>➤ Standby Pump out put</li> <li>➤ Standby Pump Head</li> <li>➤ Auto Starting/ Manual stopping</li> <li>➤ Pump House Access</li> </ul> </li> <li>• Terrace level                             <ul style="list-style-type: none"> <li>➤ Discharge of pump</li> <li>➤ Head of the pump</li> <li>➤ Power Supply</li> <li>➤ Auto Starting of pump</li> </ul> </li> </ul> |          |   |     |
|           |   | N/A      | N/A   | N/A |
|           |   | N/A      | N/A   | N/A |
|           |   | N/A      | N/A   | N/A |
|           |   | N/A      | N/A   | N/A |
|           |   | N/A      | N/A   | N/A |
|           |   | N/A      | N/A   | N/A |
|           |   | N/A      | N/A   | N/A |
|           |   | N/A      | N/A   | N/A |
|           |   | N/A      | N/A   | N/A |
|           |   | 900 LPM  | 950 LPM   | MR  |
|           |   | 40 Mtr   | 40 M  | MR  |
|           |   | Required | Electric & DG Set                               | MR  |
|           |   | Required | Provided  | MR  |
| <b>14</b> | <b>Captive Water Storage for fire fighting.</b>   |          |   |     |
|           | <ul style="list-style-type: none"> <li>• Underground tank capacity</li> <li>➤ Draw-off connection</li> <li>➤ Fire service inlet</li> <li>➤ Access to tank</li> <li>• Overhead Tank capacity</li> </ul>  | N/A      | N/A   |     |
|           |   | N/A      | N/A   |     |
|           |   | N/A      | N/A   |     |
|           |   | N/A      | N/A   |     |
|           |   | 25000    | Provided<br>25000 +10000<br>Total : 35000 Ltrs. | MR  |

N/11

|    |  |          |   |     |
|----|--|----------|---|-----|
| 15 | Exit Signage.  | Required | Provided  | MR  |
| 16 | Provision of Lifts.  |          |   |     |
|    | • Pressurization of Lift Shaft   | N/A      | N/A   | N/A |
|    | • Pressurization of Lift lobby   | N/A      | N/A   | N/A |
|    | • 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   | N/A      | N/A   | N/A |
|    | ➤ Location   | N/A      | N/A   | N/A |
| 19 | Fire Control Room  |          |   |     |
|    | • Detector System Panel  | N/A      | N/A   | N/A |
|    | • Flow Switch Panel  | N/A      | N/A   | N/A |
|    | • PA System Panel  | N/A      | N/A   | N/A |
|    | • Batter backup  | N/A      | N/A   | N/A |
|    | • Building Floor Plans   | N/A      | N/A   | N/A |
| 20 | Special Fire Protection Systems for Protection of special Risks, if any: | Required | 02 Nos. of CO2 type fire extinguishers found provided near elect. panel | MR  |

The fire protection systems provided in the building were test checked and found functional at the time of inspection. The shortcomings issued vide letter no. F6/DFS/MS/2013/SZ/1781 Dated 11/07/2013 has been rectified.

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. Accordingly DFA is put up for perusal and signature if approved .

Submitted please.

Signature of the Inspecting Officer

Signature of the Inspecting Officer

Name : Dharam Pal Bhardwaj  
Designation :- Div. Officer (South)

Name : D.B. Mukherjee  
Designation :- Asstt. Div. Officer (BCP)



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25/7/13

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24/7/2013