

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI  
HEADQUARTERS: DELHI FIRE SERVICE: CONNAUGHT PLACE

NEW DELHI-110 001.

No.F.6/DFS/MS/Hospital/2021/SZ

592

Dated: 30/11/2021

**FIRE SAFETY CERTIFICATE**

Certified that the Deen Dayal Upadhyay Hospital, Hari Nagar, New Delhi-110064, comprised of OPD & Admin block ground plus one, OT block ground plus two, Trauma & New ward ground plus five upper floors & Old ward block basement, ground plus seven upper floors was issued NOC by this department vide letter no F6/DFS/MS/Hospital/08/2112 dated 24/07/2008, owned/occupied by Govt. of NCT of Delhi. The Hospital building was re-inspected by the officers concerned of this department on 15/11/2021 in the presence of Sh. Sandeep Kumar Sahu (A.E Electric) & Sh. Lovekush (JE Electric) and found that DDU Hospital 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/ premises (Except Doctors & Nurses hostel blocks) is fit for occupancy class Group-C "Institutional Building" Sub. Div. C-1 w.e.f. the date of issue of this certificate 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 printed as below.

Issued on.....30/11/2021..... at New Delhi.

  
(Anur Garg)  
**Director**  
Delhi Fire Service  


Copy to:-

1. Assistant Engineer (E), HSW-3/PWD HMESSD South West, Deen Dayal Upadhyay Hospital, Hari Nagar, New Delhi-110064.
2. Medical Superintendent, Deen Dayal Upadhyay Hospital, Hari Nagar, New Delhi-110064.

**Following fire safety directives must be adhered to:-**

1. All the fire safety arrangements provided therein shall be maintained in good working condition at all times.
2. The means of escape arrangements shall be kept unlocked & unobstructed for speedy evacuation of occupants in case of an emergency.
3. Any loss of life or property due to non-functional fire safety measures shall be at the risk and responsibility of the management.
4. All passage shall be kept free from obstructions.
5. The trained staff should be available round the clock.
6. Any deviations w.r.t. construction shall be verified by the concerned building sanctioning agency.
7. The certificate may not be treated in any case for the regularization of the unauthorized construction, if any.
8. Basement shall be used as per the building bye laws.
9. The owner/occupier shall submit a declaration every year in the form 'K' provided in the first schedule of Delhi Fire Service Rules 2010, form is available on [www.dfs.delhigovt.nic.in](http://www.dfs.delhigovt.nic.in).
10. 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.
11. The hospital management should ensure the functional fire fighting system during renovation in the floor/portion of the building which is presently not in use.

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**INSPECTION REPORT**

1. Name & address of the building : Deen Dayal Upadhyay Hospital, Hari Nagar, New Delhi-110064
2. Building comprised of : OPD & Admin block (G+1), OT block (G+2), Trauma & New ward block (G+5) & Old ward block (B,G+7)
3. Type of Occupancy : Institutional Building (Hospital)
4. Type of Case : Renewal
5. Details of Previous NOC : F6/D/S/MS/Hospital/08/2112 dated 24/07/2008 (for Trauma)
6. Fire Safety directives letter No : F6/MS/D/S/88/Hospital/1095 dated 01/08/88
7. Date of inspection : 15/11/2021
8. Name of Inspecting Officer : A.D.O. R. K. Yadav
9. Name and designation of officers  
From the building side : Sh. Sandeep Kumar Sahu(A.E Electric) & Sh. Lovekush (JE Elect.)
10. Year of Construction : 1998
11. Applicant's letter No. : F.No. 9(2)/A(E)HSW-3/PWD HME/SID/DDU/2021-22/266 dated 21/10/21

|    | Minimum Standards on fire prevention and fire safety U/R 33   | NBC/ BBL Requirement   | Provided at site   | Remarks MR/NMR   |
|----|---|--|--|--|
| 1. | Access to building  |  |  |  |
|    | <ul style="list-style-type: none"> <li>• Road width</li> <li>• Gate width</li> <li>• Width of internal road</li> </ul>  | <ul style="list-style-type: none"> <li>Accessible</li> <li>05 mtrs.</li> <li>Accessible</li> </ul>   | <ul style="list-style-type: none"> <li>09 mtrs</li> <li>5.6 mtrs.</li> <li>Provided</li> </ul>   | <ul style="list-style-type: none"> <li>M/R</li> <li>M/R</li> <li>M/R</li> </ul>  |
| 2. | Number, Width, Type & Arrangement of Exits  |  |  |  |
|    | a. Number of staircases   |  |  |  |
|    | <ul style="list-style-type: none"> <li>• OPD block</li> <li>• Admin block</li> <li>• OT block</li> <li>• Trauma centre cum emergency block Upper Floors</li> <li>• Basement</li> <li>• New ward block Upper Floors</li> <li>• Basement</li> <li>• Old Ward block</li> <li>• Basement</li> </ul> | <ul style="list-style-type: none"> <li>02 No.'s</li> <li>01 No.'s</li> <li>02 No.'s</li> <li>03 No.'s</li> <li>03 No.'s</li> <li>03 No.'s</li> <li>03 No.'s</li> <li>N/A</li> <li>03 No.'s</li> <li>N/A</li> </ul> | <ul style="list-style-type: none"> <li>02 No.'s</li> <li>01 No.'s</li> <li>02 No.'s</li> <li>03 No.'s</li> <li>03 No.'s</li> <li>03 No.'s</li> <li>03 No.'s</li> <li>N/A</li> <li>03 No.'s</li> <li>N/A</li> </ul>   | <ul style="list-style-type: none"> <li>M/R</li> <li>M/R</li> <li>M/R</li> <li>M/R</li> <li>M/R</li> <li>M/R</li> <li>M/R</li> <li>N/A</li> <li>M/R</li> <li>N/A</li> </ul> |
|    | b. Width of staircases  |  |  |  |
|    | <ul style="list-style-type: none"> <li>• OPD block</li> <li>• Admin block</li> <li>• OT block</li> <li>• Trauma centre cum emergency block Upper Floors</li> <li>• Basement</li> <li>• New ward block Upper Floors</li> <li>• Basement</li> <li>• Old Ward block</li> <li>• Basement</li> </ul> | <ul style="list-style-type: none"> <li>-</li> <li>-</li> <li>-</li> <li>2 m</li> <li>2 m</li> <li>-</li> <li>N/A</li> <li>-</li> <li>N/A</li> </ul>  | <ul style="list-style-type: none"> <li>1.70 &amp; 1.35 m</li> <li>1.40 M</li> <li>1.30 &amp; 1.20 M</li> <li>1.84-2.0 m each</li> <li>1.84-2.0 m each</li> <li>1.22, 1.23 &amp; 1.38 to 1.96 m</li> <li>N/A</li> <li>1.23 &amp; 2X1.90 M</li> <li>N/A</li> </ul> | <ul style="list-style-type: none"> <li>M/R</li> <li>M/R</li> <li>M/R</li> <li>M/R</li> <li>M/R</li> <li>M/R</li> <li>N/A</li> <li>M/R</li> <li>N/A</li> </ul>              |
|    | C. Protection of exits  |  |  |  |
|    | <ul style="list-style-type: none"> <li>• Fire check door</li> <li>• Pressurization</li> </ul>   | <ul style="list-style-type: none"> <li>Required</li> <li>N/A</li> </ul>  | <ul style="list-style-type: none"> <li>Provided</li> <li>N/A</li> </ul>  | <ul style="list-style-type: none"> <li>M/R</li> <li>N/A</li> </ul>   |
|    | d. No. of continuous staircases to terrace  |  |  |  |
|    | <ul style="list-style-type: none"> <li>d. Width of Corridor</li> </ul>  | <ul style="list-style-type: none"> <li>-</li> </ul>  | <ul style="list-style-type: none"> <li>Two &amp; One</li> <li>2.60, 2.55 &amp; 1.5 M</li> </ul>  | <ul style="list-style-type: none"> <li>M/R</li> <li>M/R</li> </ul>   |
|    | f. Door Size  |  |  |  |
|    |   |  | <ul style="list-style-type: none"> <li>1.75, 1.5 &amp; 1.4 M</li> </ul>  | <ul style="list-style-type: none"> <li>M/R, being old case</li> </ul>  |
| 3. | Compartmentation  |  |  |  |
|    | <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 Curtainp</li> <li>• Fire Dampers</li> </ul>  | <ul style="list-style-type: none"> <li>Required</li> <li>Required</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> </ul>  | <ul style="list-style-type: none"> <li>Provided</li> <li>sealed</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> </ul>  | <ul style="list-style-type: none"> <li>M/R</li> <li>M/R</li> <li>N/A</li> <li>N/A</li> <li>N/A</li> </ul>  |
| 4. | Smoke Management System   |  |  |  |
|    | Basements (Trauma centre)   | Required   | Provided   | M/R  |
|    | Upper floors  | ---  | Natural Ventilation  | M/R  |
| 5. | Fire Extinguishers  |  |  |  |
|    | Total numbers   | 50 no's /floor   | Provided   | M/R  |
|    | Types   | ABC/CO <sub>2</sub>  | Provided   | M/R  |
|    | IS marking  | ISI marked   | ISI marked   | M/R  |

|     |  |                     |                   |     |
|-----|--|---------------------|-------------------|-----|
| 6.  | First-Aid Hose Reels   |                     |                   |     |
|     | Total numbers on ground floor                                  | Two, one /floor     | Provided          | M/R |
|     | Length of hose reel hose                                       | 30 mtrs             | Provided          | M/R |
|     | Nozzle diameter  | 5 mm                | Provided          | M/R |
| 7.  | Automatic fire detection and alarming system                   |                     |                   |     |
|     | Type of detectors  | Smoke & Heat        | Provided          | M/R |
|     | Location of Main Panel   | N/A                 | Near reception    | N/A |
|     | Location of Repeater Panel                                     | N/A                 | Fire control room | N/A |
|     | Alternate source of power                                      | Required            | Provided          | M/R |
|     | Hooters' Location  | N/A                 | Near staircase    | N/A |
| 8.  | MOEFA  | Required            | Provided          | M/R |
| 9.  | Public Address System  | Required            | Provided          | M/R |
| 10. | Automatic Sprinkler System (Trauma centre cum emergency block) |                     |                   |     |
|     | Basement   | Required            | Provided          | M/R |
|     | Ground Floor   | Required            | Provided          | M/R |
|     | Sprinkler above false ceiling                                  | N/A                 | N/A               | N/A |
| 11. | Internal Hydrants  |                     |                   |     |
|     | Size of riser/down-comer                                       | 150 mm              | 150 MM            | M/R |
|     | Number of hydrants   | Required            | Two/one           | M/R |
|     | Hose Box   | Required            | Two/one           | M/R |
| 12. | Yard Hydrants  |                     |                   |     |
|     | Total number of hydrants                                       | Required            | Provided          | M/R |
|     | Hose Box   | Required            | Provided          | M/R |
| 13. | Pumping Arrangements   |                     |                   |     |
|     | Ground Level   |                     |                   |     |
|     | Discharge of main Pump   | 2400 LPM & 1800 LPM | Provided          | M/R |
|     | Head of Main pump  | 60 mtrs             | Provided          | M/R |
|     | Number of main pumps   | Two                 | Provided          | M/R |
|     | Jockey Pump out put  | 250 LPM             | Provided          | M/R |
|     | Jockey pump head   | 60 mtrs             | Provided          | M/R |
|     | Standby Pump out put   | 2400 LPM & 1800 LPM | Provided          | M/R |
|     | Standby Pump Head  | 60 mtrs             | Provided          | M/R |
|     | Auto Starting/Manual Stopping                                  | Required            | Provided          | M/R |
|     | Pump House Access  | Required            | Provided          | M/R |
|     | Terrace level  | N/A                 | N/A               | N/A |
|     | Discharge of pump  | N/A                 | N/A               | N/A |
|     | Head of the pump   | N/A                 | N/A               | N/A |
|     | Power Supply   | N/A                 | N/A               | N/A |
|     | Auto Starting of pump  | N/A                 | N/A               | N/A |
| 14. | Captive Water Storage for fire fighting                        |                     |                   |     |
|     | Underground tank capacity                                      | 200000 ltrs         | Provided          | M/R |
|     | Draw-off connection  | Required            | Provided          | M/R |
|     | Fire service inlet   | Required            | Provided          | M/R |
|     | Access to tank   | Required            | Provided          | M/R |
|     | Overhead Tank capacity   | N/A                 | N/A               | N/A |
| 15. | Exit Signage.  | Required            | Provided          | M/R |

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|     |  |          |   |     |
|-----|--|----------|---|-----|
| 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                                    | M/R |
|     | Fireman's Grounding Switch   | Required | Provided                                    | M/R |
|     | Lift Signage   | N/A      | N/A   | N/A |
|     |  | Required | Provided                                    | M/R |
| 17. | Standby power supply   |          |   |     |
| 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  | Required | Provided                                    | M/R |
|     | Flow Switch Panel  | N/A      | N/A   | N/A |
|     | PA System Panel  | Required | Provided                                    | M/R |
|     | Battery backup   | Required | Provided                                    | M/R |
|     | Building Floor Plans   | N/A      | N/A   | N/A |
| 20. | Special Fire Protection System for Protection of special Risks, if any:<br>(Trauma centre cum emergency block) | N/A      | Clean agent FFFI provided for HT & LT panel | N/A |

The fire protection systems provided in the building were tested, checked and found functional at the time of inspection. The shortcomings was issued vide letter no F6/DFS/MS/Hospital/2021/ADO(JKP)/08 Dated 30/09/2021 has been complied.

Keeping in view the substantial compliance of the minimum standards on fire prevention and fire safety as required under the rule 35 of the Delhi Fire Service Rules 2010 it is recommended to grant Fire Safety Certificate.

*R. Geetha*  
17/11/2021

Signature of the Inspecting Officer  
Name- R.K.Yadav  
Designation- ADO(JKP)

~~DO(South West)~~

*[Signature]*  
18/11/2021  
Dy CPO

*[Signature]*  
24/11

*[Signature]*  
F.F.O.

*[Signature]*

*[Signature]*  
25/11/2021

