

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI

HEADQUARTERS: DELHI FIRE SERVICE, NEW DELHI- 110001

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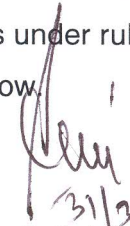
NO. F6/MS/DFS/ Hospital/2014/SZ/ 367

DATED: 31/03/14

FIRE SAFETY CERTIFICATE

Certified that the M/s Indian Spinal Injuries Centre Sector-C, Vasant Kunj, New Delhi-110070, comprised of basement ground, 1st floor plus half 2nd floors was granted NOC by this department vide letter no. F6/DFS/MS/Hospital/1989/2196 dated 30.10.89. The premises was re-inspected by the officers concerned of this department on 18.03.2014 in the presence of Sh. K.V. Uthaman and Sh. Ravindra Kr. Yadav and found that the hospital 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 fit for occupancy Group-C "Institutional Building (Hospital)" with effect from...31/03/14.... 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, subject to condition as mentioned below.

Issued on ...31/03/14..... at New Delhi by


31/3
(Dr. G.C. Misra)
Chief Fire Officer
Delhi Fire Service

Copy To:-

1. Sh. K. V. Uthaman, Chief Administrative Officer, M/s Indian Spinal Injuries Centre Sector-C, Vasant Kunj, New Delhi-110070.

Conditions for the validity of fire safety certificate

1. 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.
2. 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.
3. The staffs shall be trained for operating fire fighting system and mock evacuation drills be conducted at regular intervals and record be maintained.
4. The basement shall be used strictly as per the provisions of Building Bye laws.
5. 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
6. *Up gradation of Ventilation system in basement and upper floors in the interest of occupants safety before the next renewal.

INSPECTION REPORTS

| | | | | |
|----|---|--|------------|---|
| 1 | Name & address of the building | M/s Indian Spinel Injuries Centre, Sector-C, Vasant Kunj, New Delhi-110070 | | |
| 2 | Type of Occupancy | Institutional building "G" (Hospital) | | |
| 3 | Type of case | Renewal | | |
| 4 | Details of previous NOC | F6/DFS/MS/Hospital/1989/2196 dated 30.10.89 | | |
| 5 | Fire safety directives letter No | F6/DFS/MS/BP/Hospital/2008/3424 dated 15.12.2008 | | |
| 6 | Date of inspection | 18.03.2014 | | |
| 7 | Name of the inspecting Officers | : DO Dharampal Bhardwaj, ADO D.B. Mukherjee | | |
| 8 | Name and designation of officers from the building side | Sh. K.V. Uthaman and Sh. Ravindra Kr. Yadav | | |
| 9 | Year of construction | 2001 | | |
| 10 | Applicant's letter No. | Nil | 04.02.2014 | Basement, ground , 1st floor + half 2nd floors |

| S. NO. | Minimum Standards on fire prevention and fire safety U/R 33 | NBC Requirement/ Old Case | Provided at site | Remarks MR / NMR |
|--------|---|---------------------------|------------------|------------------|
|--------|---|---------------------------|------------------|------------------|

| | | | | |
|---|---------------------------|-------|----------|-----|
| 1 | Access to building | | | |
| | 1) Road width | 6 Mtr | Provided | MR |
| | 2) Gate width | 5 Mtr | Provided | MR |
| | 3) Width of internal road | N/A | N/A | N/A |

| | | | | |
|---|--|----------|--|-----|
| 2 | Number, width Type & arrangement of exits | | | |
| | a. Number of staircases | | | |
| | 1. Upper floors | Old Case | (1). Ground to 1st floor- 5 Nos. Stairs and (2). 1st floor to 2nd floor : 2 Nos. Stairs + One Ramp | MR |
| | 2. basements | Old Case | 3 Nos + 1 Ramp | MR |
| | b. Width of staircase | | | |
| | 1. Upper floors | Old Case | 4 Nos- 1.95 Mtr each, 1 No. 1.9 Mtr & 1 No. Ramp . 2.20 Mtr Provided | MR |
| | 2. basements | Old Case | (1)1.45 Mtrs each (3 Nos.) + Ramp Provided | MR |
| | c. Protection of exits | | | |
| | 1. Fire check door | Required | Provided | MR |
| | 2. Pressurization | N/A | N/A | N/A |
| | d. No. of continuous staircase to terrace | Required | (One) Provided | MR |
| | e. Width of corridor | Old Case | 2 Mtr Provided | MR |
| | f. Door size | Old Case | Provided | MR |

| | | | | |
|---|---------------------------------|----------|----------|-----|
| 3 | Compartmentation. | | | |
| | 1. Fire check door | Required | Provided | MR |
| | 2. Sealing of electrical shafts | Required | Provided | MR |
| | 3. Fire Rating of shaft door | N/A | N/A | N/A |
| | 4. water curtain | N/A | N/A | N/A |
| | 5. Fire dampers | Required | Provided | MR |

| | | | | |
|---|---------------------------------|-----------------|-----------------------|----|
| 4 | Smoke Management system. | | | |
| | basement | 30 a/c per hour | Exhaust Fans Provided | MR |
| | upper floors | 12 a/c per hour | | |
| | | | Provided | MR |

| | | | | |
|---|---------------------------|-----|----------------------|----|
| 5 | Fire Extinguishers | | | |
| | total numbers | | 110Nos. Provided | MR |
| | Types | | ABC, CO2 , Water Co2 | MR |
| | ISI marking | ISI | Provided | MR |

INSPECTION REPORTS

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|-----------|---|----------|--|-----|
| 6 | First-Aid Hose Reels. | | | |
| | total numbers on each floor | Required | Basement- 5 Nos., Gr-8 Nos., 1st floor- 6 Nos. & 2nd floor- 2 Nos.Provided | MR |
| | Length of Hose reel hose | 30 Mtr | Provided | MR |
| | Nozzle Diameter | 5mm | Provided | MR |
| 7 | Automatic fire detection and alarming system | | | |
| | Type of detectors | Required | Somke/Heat Provided | MR |
| | location of Main Panel | Required | Ground floor | MR |
| | location of Repeater panel | N/A | N/A | N/A |
| | Alternate source of power | Required | Battery Backup Provided | MR |
| | hooter's location | Required | Different Place | MR |
| 8 | MOEFA | Required | Provided | MR |
| 9 | Public Address System. | Required | Provided | MR |
| 10 | Automatic Sprinkler System. | | | |
| | basement | Required | Provided | MR |
| | upper floors | Required | Provided | MR |
| | sprinkler above false ceiling | N/A | N/A | N/A |
| 11 | Internal Hydrants | | | |
| | Size of riser/down-corner | 150 MM | Provided | MR |
| | Number of Hydrants per floor | Old Case | Basement- 5 Nos., Gr-8 Nos., 1st floor- 6 Nos. & 2nd floor- 2 Nos.Provided | MR |
| | hose Box | Old Case | Basement- 5 Nos., Gr-8 Nos., 1st floor- 6 Nos. & 2nd floor- 2 Nos.Provided | MR |
| 12 | Yard Hydrants. | | | |
| | total number of hydrants | Old Case | 9 Nos. Provided | MR |
| | house box | Old Case | 9 Nos Provided | MR |
| 13 | Pumping arrangements | | | |
| | 1. Ground level | | | |
| | a. Discharge of main Pump | Old Case | 2250 LPM | MR |
| | b.Head of main pump | Old Case | 70 Mtr | MR |
| | c.Number of main pumps | Old Case | One | MR |
| | d.jockey pump out put | Old Case | 180 LPM | MR |
| | e.jockey pump head | Old Case | 70 Mtr | MR |
| | f. Standby Pump output | Old Case | 2250 LPM | MR |
| | g.Stanby Pump head | Old Case | 70 Mtr | MR |
| | h.Auto Starting/Manual stopping | Old Case | Both Provided | MR |
| | pump house access | Old Case | Provided | MR |
| | 2.Terrace level | | | |
| | a. Discharge of pump | N/A | N/A | N/A |
| | b. head of the pump | N/A | N/A | N/A |
| | c. Power supply | N/A | N/A | N/A |
| | d. Auto starting of pump | N/A | N/A | N/A |
| 14 | Captive water storage for fire fighting | | | |
| | 1. Underground tank capacity | Old Case | 2,50,000 Ltr Provided | MR |
| | a. Draw-off connection | Required | Provided | MR |
| | b. fire service inlet | Required | Provided | MR |
| | c.Access to tank | Required | Provided | MR |
| | Over head tank Capacity | Old Case | 20,000 ltr Provided | MR |
| 15 | Exit Signage. | Required | Provided | MR |
| 16 | Provision of lifts. | | | |
| | a. Pressurization of lift shaft | Required | Provided | MR |
| | b. pressurization of lift lobby | N/A | N/A | N/A |
| | c. communication in lift car | Required | Provided | MR |

INSPECTION REPORTS

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|-----------|--|----------|--|-----|
| 18 | Refuge Area. | | | |
| | total area | N/A | N/A | N/A |
| | location | N/A | N/A | N/A |
| 19 | Fire control room | | | |
| | a. Detector system Panel | N/A | N/A | N/A |
| | b. Flow switch Panel | N/A | N/A | N/A |
| | c. PA system Panel | N/A | N/A | N/A |
| | d. Batter backup | N/A | N/A | N/A |
| | e. Building floor plans | N/A | N/A | N/A |
| 20 | Special Fire Protection systems for protection of special risks, if any: | Required | 6 Nos. Co2 Fire Extinguishers Provided | MR |

The shortcoming vide letter no. DFS/DO/BCP/2012/ dated 18.1.2012 has been rectified..

The fire protection systems provided in the building were 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 rule it is recommended to grant of Fire Safety Certificate under rules 35 of the Delhi Fire Service Rules 2010

Note:- Up gradation of Ventilation system in basement and upper floors in the interest of occupants safety before the next renewal.

Accordingly DFA is put up for your approval and signature please.

Signature of the inspecting officer

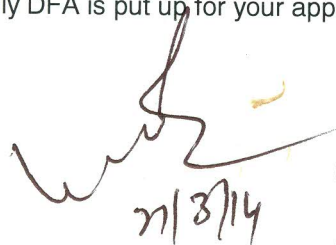
Name Dharampal Bhardwaj

Designation : Divisional Officer

Signature of the Inspecting Officer

Name D.B. Mukherjee

Designation:- ADO (BCP)



21/3/14



21/3/14