

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

No F 6 / DFS / MS / 2016 / Hospital/w2/ 439

Dated: 18/03/2016

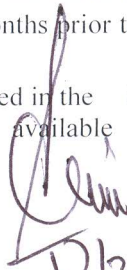

FIRE SAFETY CERTIFICATE

Certified that the Rajiv Gandhi Cancer Institute & Research Centre located at Plot no D-18, Sector 5, Rohini, Delhi comprised of two blocks with 02 basements, ground plus 04 upper floors and basement, ground plus 03 upper floors owned/ occupied by Rajiv Gandhi Cancer Institute & Research Centre was issued FSC vide this office letter no F6/DFS/MS/2012/Hospital/2923 dated 09.08.2012. The premise was re- inspected by the officer concerned of this department on 24.02.2016 in the presence of Mr D P Tyagi/ Chief Security Officer, Hospital and observed that all the fire prevention and fire safety arrangements as provided in the premises found in good working condition. The premise have therefore, deemed complied with the requirement under rule 33 of the Delhi Fire Service Rules, 2010 and the building/ premise is fit for occupancy class Institutional "Group C" with effect from18/03/16... for a period of three years in accordance with the rule 36 unless renewed under rule 37 or sooner cancelled under rule 40, subject to compliance of the conditions under rule 38 of the Delhi Fire Service Rules, 2010,

Conditions for the validity of Fire Safety Certificate:

1. All the fire safety arrangement provided there-in shall be maintained in good working conditions at all times.
2. Loss of life or property due to non functional fire safety measure shall be at the responsibility of the management.
3. The trained fire fighting staff should be available round the clock.
4. Any deviation with regard to the construction etc shall be verified by the concerned building sanctioning agency.
5. This certificate cannot be treated in any case for regularizations of unauthorized construction.
6. The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director of Form 'J' [sub rule (1) of rule 37] along with a copy of this Certificate, six months prior to its expiry".
7. 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

Issued on18/03/16..... at New Delhi


(Dr. G.C. Misra)
Chief Fire Officer
Ph:-011-23414333


Copy to :-

Sh D S Negi, Chied Executive Officer,

Rajiv Gandhi Cancer Institute and Research Centre, Sector-5,

Rohini, Delhi.

INSPECTION REPORT

1. Name & address of the building : Rajiv Gandhi Cancer Institute & Research Centre, Sec-05, Rohini, Delhi -110085.
2. Type of Occupancy : Institutional (02 blocks interconnected—B+ G + 03 Floor & 2B+G+4 Floor)
3. Type of Case :Renewal
4. Details of previous NOC : F6/DFS/MS/2012/Hospital/2923 dt 09.08.2012
5. Fire Safety directives letter No : F6/MS/DFS/Hospital/2003/BP/3010 dt 16.12.2003
6. Date of inspection : 26/02/2016
7. Name of the Inspecting Officers : Rajesh Kumar /ADO (RN)
8. Name and designation of officers from the building side : Mr D.P Tyagi/ Chief Security Officer, Hospital
9. Year of Construction :1996 & 2007
10. Applicant's letter No. :Nil dated 16.02.2016

| S. No | Minimum Standards on fire prevention and fire safety U/R | NBC Requirement | Provided at site | Remarks MR/NMR |
|-------|--|-----------------|------------------|----------------|
| 1 | Access to building | | | |
| | • Road width | 09 Mtr | 18m | MR |
| | • Gate width | 4.5 m | 5m | MR |
| | • Width of internal road | 06 M | 6m | MR |
| 2 | Number, Width, Type & Arrangement of Exits | | | |
| | a. Number of staircases | 7 + 1 Ramp | 7+1 Ramp | MR |
| | • Upper Floors | 7 + 1 Ramp | 7+1 Ramp | MR |
| | • Basements | 7 + 1 Ramp | 7+1 Ramp | MR |
| | b. Width of staircases | 2.0 m | 2.0 m each | MR |
| | • Upper Floors | 2.0 m | 2.0 m each | MR |
| | • Basements | 2.0 m | 2.0 m each | MR |
| | c. Protection of exits | | | |
| | • Fire check door | Required | Provided | MR |
| | • Pressurization | Required | Provided | MR |
| | d. No. of continuous staircases to terrace | 7 | 7 | MR |
| | e. Width of Corridor | Old case | Old case | MR |
| | f. Door Size | Old case | Old case | MR |
| 3 | Compartmentation. | | | |
| | • Fire check door | Required | Provided | MR |

| | | | | |
|----|--|----------------|-----------------------|-----|
| | <ul style="list-style-type: none"> Sealing of electrical shafts Fire Rating of shaft door Water Curtain Fire Dampers | Required | Provided | MR |
| | | Required | Provided | MR |
| | | N/A | N/A | N/A |
| | | Required | Provided | MR |
| 4 | Smoke Management System. | | | |
| | Basements | 30ACPH | Provided | MR |
| | Upper floors | 12ACPH | Provided | MR |
| 5 | Fire Extinguishers | | | |
| | Total numbers | Required | 250 | MR |
| | Types | ISI marked | WCO2, Co2 & ABC Type | MR |
| | IS marking | Required | Provided | MR |
| 6 | First-Aid Hose Reels. | | | |
| | Total numbers on each floor | 06 nos | 06 nos | MR |
| | Length of hose reel hose | 30m | 30m | MR |
| | Nozzle diameter | 5mm | 5mm | 5mm |
| 7 | Automatic fire detection and alarming system. | | | |
| | Type of detectors | Required | Smoke Detector | MR |
| | Location of Main Panel | G.F | Provided | MR |
| | Location of Repeater Panel | Required | Provided | MR |
| | Alternate source of power | Reqd | Provided | MR |
| | Hooters' Location | On all floors | Provided | MR |
| 8 | MOEFA | Reqd | Provided & functional | MR |
| 9 | Public Address System. | Reqd | Provided & functional | MR |
| 10 | Automatic Sprinkler System. | | | |
| | Basement | Required | Provided | MR |
| | Upper Floor | Required | Provided in new block | MR |
| | Sprinkler above false ceiling | Required | Provided | MR |
| 11 | Internal Hydrants | | | |
| | Size of riser/down-comer | 100mm | Provided | MR |
| | | Six each floor | Provided | MR |

2/14.

Rajiv Gandhi Cancer Institute
& Research Centre, Rohini

| | | | | |
|----|--|----------------|----------|-----|
| | <ul style="list-style-type: none"> Number of hydrants per floor Hose Box | Six each floor | Provided | MR |
| 12 | Yard Hydrants. | | | |
| | <ul style="list-style-type: none"> Total number of hydrants Hose Box | 48 nos | Provided | M/R |
| | | 48 nos | Provided | M/R |
| 13 | Pumping Arrangements. | | | |
| | ➤ Ground Level | Reqd | Provided | M/R |
| | ➤ Discharge of main Pump | 2850 Lpm | 2850 LPM | M/R |
| | ➤ Head of Main pump | 88 mtr | Provided | M/R |
| | ➤ Number of main pumps | One 2850 lpm | 2850 lpm | M/R |
| | ➤ Jockey Pump out put | 300 LPM | 300 LPM | M/R |
| | ➤ Jockey pump head | 70 mtr | 70 mtr | M/R |
| | ➤ Standby Pump out put | 2850LPM | 2850 lpm | M/R |
| | ➤ Standby Pump Head | 88 mtr | 88 mtr | M/R |
| | ➤ Auto Starting/ Manual stopping | Reqd | Provided | M/R |
| | ➤ Pump House Access | Reqd | Provided | M/R |
| | • Terrace level | | | |
| | ➤ Discharge of pump | NA | NA | NA |
| | ➤ Head of the pump | NA | NA | NA |
| | ➤ Power Supply | NA | NA | NA |
| | ➤ Auto Starting of pump | NA | NA | NA |
| 14 | Captive Water Storage for fire fighting. | | | |
| | • Underground tank capacity | 1,50,000ltrs | Provided | MR |
| | ➤ Draw-off connection | Reqd | Provided | MR |
| | ➤ Fire service inlet | Reqd | Provided | MR |
| | ➤ Access to tank | Reqd | Provided | MR |
| | • Overhead Tank capacity | 70,000 ltrs | Provided | MR |

| | | | | |
|----|--|--------------|--|----|
| 15 | Exit Signage. | Reqd | Provided | MR |
| 16 | Provision of Lifts. | | | |
| | • Pressurization of Lift Shaft | Reqd | Provided | MR |
| | • Pressurization of Lift lobby | NA | NA | NA |
| | • Communication In lift Car | Reqd | Provided | MR |
| | • Fireman's Grounding Switch | Reqd | Provided | MR |
| | • Lift Signage | Reqd | Provided | MR |
| 17 | Standby power supply | Reqd | Provided | MR |
| 18 | Refuge Area. | | | |
| | ➤ Total Area | NA | NA | NA |
| | ➤ Location | NA | NA | NA |
| 19 | Fire Control Room | | | |
| | • Detector System Panel | Reqd | Provided | MR |
| | • Flow Switch Panel | NA | NA | NA |
| | • PA System Panel | Reqd | Provided | MR |
| | • Batter backup | Reqd | Provided | MR |
| | • Building Floor Plans | Reqd | Provided | MR |
| 20 | Special Fire Protection Systems for Protection of special Risks, if any: | Special area | IGRT area in lower basement (Radiation treatment area) | MR |

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 standard on the fire prevention and fire safety required under the rules, FSC issued vide letter no. F6/DFS/MS/2012/Hospital/2923 dated 09.09.2012 renewal under rule 35 of the Delhi Fire Service Rules 2010 is recommended.

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Rajesh Kumar
ADO/RN

DO/NO
Rajesh