



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

Fax: 011-23412593, Ph. 011-23414333

NO.F6/DFS/MS/2014/SZ/ 999

Dated: 08/08/14

**FIRE SAFETY CERTIFICATE**

Certified that the Internet Data Centre at VSNL Complex, Greater Kailash, New Delhi comprised of ground plus five upper floors owned/occupied by M/s Tata Communication Ltd. have complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and verified by the officers concerned of Delhi Fire Service on 24.07.2014 in the presence of Sh. R.S. Srivastava (Dy.GM) of the building is fit for occupancy class E " Business " with effect from...08/08/14.... 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, subject to the conditions mentioned below.

Issued on ...08/08/14..... at New Delhi by



(Dr.G.C.Misra)  
Chief Fire Officer

7/8/14  
Add (BEP)

Copy To:-

1. Sh. R.S. Srivastava (Dy.GM), Internet Data Centre at VSNL Complex, Greater kailash, New Delhi.
2. The Executive Engineer (B) HQ, Building Department, SDMC, 8<sup>th</sup> floor, Civic Centre, Minto Road, New Delhi 110002.

**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](http://www.dfs.delhigovt.nic.in).
6. The owner / occupier shall apply for renewal of this Fire Safety Certificate to the Director in Form "J" [ sub rule (1) of rule 37] along with a copy of this certificate, six months prior to its expiry. The form is available on [www.dfs.delhigovt.nic.in](http://www.dfs.delhigovt.nic.in)



N-7

## INSPECTION REPORT

| 1      | Name & address of the building                              | Internet Data Centre at VSNL Complex, Greater kailash, New Delhi |                               |                  |
|--------|---|--|-------------------------------|------------------|
| 2      | Type of Occupancy   | Business   |                               |                  |
| 3      | Type of case  | New  |                               |                  |
| 4      | Details of previous NOC                                     | No   |                               |                  |
| 5      | Fire safety directives letter No                            | F6/DFS/MS/BP/2007/2181 dated 10.08.2007                          |                               |                  |
| 6      | Date of inspection  | 24.7.2014  |                               |                  |
| 7      | Name of the inspecting Officers :                           | DO D.P. Bhardwaj, ADO D.B. Mukherjee                             |                               |                  |
| 8      | Name and designation of officers from the building side     | Sh. R.S. Srivastava (Dy.GM)                                      |                               |                  |
| 9      | Year of construction  | 2014   |                               |                  |
| 10     | Applicant's letter No.                                      | Nil Dated 07.07.2014   | ground plus 5 upper floors.   |                  |
| 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>                                   |  |                               |                  |
|        | 1) Road width   | 9 Mtr  | Provided                      | MR               |
|        | 2) Gate width   | 5 Mtr  | Provided                      | MR               |
|        | 3) Width of internal road                                   | 6 Mtr  | Provided                      | MR               |
| 2      | <b>Number, width Type &amp; arrangement of exits</b>        |  |                               |                  |
|        | <b>a. Number of staircases</b>                              |  |                               |                  |
|        | 1. Upper floors   | 4 Nos  | Provided                      | MR               |
|        | 2. basements  | N/A  | N/A                           | N/A              |
|        | <b>b. Width of staircase</b>                                |  |                               |                  |
|        | 1. Upper floors   | 1.5 Mtr  | Provided                      | MR               |
|        | 2. basements  | N/A  | N/A                           | N/A              |
|        | <b>c. Protection of exits</b>                               |  |                               |                  |
|        | 1. Fire check door  | Required   | Provided                      | MR               |
|        | 2. Pressurization   | Required   | Provided                      | MR               |
|        | <b>d. No. of continuous staircase to terrace</b>            | Required   | 4 Nos. Provided               | MR               |
|        | e. Width of corridor  | 1.5 Mtr  | Provided                      | MR               |
|        | f. Door size  | 1 Mtr  | Provided                      | MR               |
| 3      | <b>Compartmentation.</b>                                    |  |                               |                  |
|        | 1. Fire check door  | Required   | Provided                      | MR               |
|        | 2. Sealing of electrical shafts                             | Required   | Provided                      | MR               |
|        | 3. Fire Rating of shaft door                                | Required   | Provided                      | MR               |
|        | 4. water curtain  | N/A  | N/A                           | N/A              |
|        | 5. Fire dampers   | Required   | Provided                      | MR               |
| 4      | <b>Smoke Management system.</b>                             |  |                               |                  |
|        | basement  | 30 a/c per hour<br>12 a/c per hour                               | N/A                           | N/A              |
|        | upper floors  |  | Mech. Ventilation<br>Provided | MR               |
| 5      | <b>Fire Extinguishers</b>                                   |  |                               |                  |
|        | total numbers   |  | 85 Nos. Provided              | MR               |
|        |   |  | ABC BC DCP & Foam             |                  |



|               |  |                                    |                               |                         |
|---------------|--|------------------------------------|-------------------------------|-------------------------|
| 9             | from the building side   | 2014                               |                               |                         |
|               | Year of construction   | 2014                               |                               |                         |
|               | Applicant's letter No.   | Nil Dated 07.07.2014               | ground plus 5 upper floors.   |                         |
| 10            |  |                                    |                               |                         |
| <b>S. NO.</b> | <b>Minimum Standards on fire prevention and fire safety U/R 33</b> | <b>NBC Requirement</b>             | <b>Provided at site</b>       | <b>Remarks MR / NMR</b> |
| <b>1</b>      | <b>Access to building</b>  |                                    |                               |                         |
|               | 1) Road width  | 9 Mtr                              | Provided                      | MR                      |
|               | 2) Gate width  | 5 Mtr                              | Provided                      | MR                      |
|               | 3) Width of internal road  | 6 Mtr                              | Provided                      | MR                      |
| <b>2</b>      | <b>Number, width Type &amp; arrangement of exits</b>               |                                    |                               |                         |
|               | <b>a. Number of staircases</b>                                     |                                    |                               |                         |
|               | 1. Upper floors  | 4 Nos                              | Provided                      | MR                      |
|               | 2. basements   | N/A                                | N/A                           | N/A                     |
|               | <b>b. Width of staircase</b>                                       |                                    |                               |                         |
|               | 1. Upper floors  | 1.5 Mtr                            | Provided                      | MR                      |
|               | 2. basements   | N/A                                | N/A                           | N/A                     |
|               | <b>c. Protection of exits</b>                                      |                                    |                               |                         |
|               | 1. Fire check door   | Required                           | Provided                      | MR                      |
|               | 2. Pressurization  | Required                           | Provided                      | MR                      |
|               | <b>d. No. of continuous staircase to terrace</b>                   | Required                           | 4 Nos. Provided               | MR                      |
|               | e. Width of corridor   | 1.5 Mtr                            | Provided                      | MR                      |
|               | f. Door size   | 1 Mtr                              | Provided                      | MR                      |
| <b>3</b>      | <b>Compartmentation.</b>   |                                    |                               |                         |
|               | 1. Fire check door   | Required                           | Provided                      | MR                      |
|               | 2. Sealing of electrical shafts                                    | Required                           | Provided                      | MR                      |
|               | 3. Fire Rating of shaft door                                       | Required                           | Provided                      | MR                      |
|               | 4. water curtain   | N/A                                | N/A                           | N/A                     |
|               | 5. Fire dampers  | Required                           | Provided                      | MR                      |
| <b>4</b>      | <b>Smoke Management system.</b>                                    |                                    |                               |                         |
|               | basement   | 30 a/c per hour<br>12 a/c per hour | N/A                           | N/A                     |
|               | upper floors   |                                    | Mech. Ventilation<br>Provided | MR                      |
| <b>5</b>      | <b>Fire Extinguishers</b>  |                                    |                               |                         |
|               | total numbers  |                                    | 85 Nos. Provided              | MR                      |
|               | Types  |                                    | ABC , BC, DCP & Foam          | MR                      |
|               | ISI marking  | ISI                                | Provided                      | MR                      |
| <b>6</b>      | <b>First-Aid Hose Reels.</b>                                       |                                    |                               |                         |
|               | total numbers on each floor  | 4 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                              | Smoke & Heat    | Provided                                | MR  |
|  | location of Main Panel                         | Required        | Ground Floor                            | MR  |
|  | location of Repeater panel                     | Required        | Each Floors                             | MR  |
|  | Alternate source of power                      | Required        | Battery Backup                          | MR  |
|  | hooter's location                              | Required        | Provided                                | MR  |
| 8  | <b>MOEFA</b>                                   | Required        | Provided                                | MR  |
| 9  | <b>Public Address System.</b>                  | Required        | Provided                                | MR  |
| 10   | <b>Automatic Sprinkler System.</b>             |                 |   |     |
|  | basement                                       | N/A             | N/A                                     | N/A |
|  | upper floors                                   | Required        | Provided                                | MR  |
|  | sprinkler above false ceiling                  | Required        | Provided                                | MR  |
| 11   | <b>Internal Hydrants</b>                       |                 |   |     |
|  | Size of riser/down-corner                      | 150 MM          | Provided                                | MR  |
|  | Number of Hydrants per floor                   | 4Nos.           | Provided                                | MR  |
|  | hose Box                                       | 4 Nos.          | Provided                                | MR  |
| 12   | <b>Yard Hydrants.</b>                          |                 |   |     |
|  | total number of hydrants                       | Required        | 6 Nos. Provided                         | MR  |
|  | house box                                      | Required        | 6 Nos. Provided                         | MR  |
| 13   | <b>Pumping arrangements</b>                    |                 |   |     |
|  | <b>1. Ground level</b>                         |                 |   |     |
|  | a. Discharge of main Pump                      | 2850 LPM        | Provided                                | MR  |
|  | b. Head of main pump                           | 80 Mtr          | Provided                                | MR  |
|  | c. Number of main pumps                        | Two             | Provided                                | MR  |
|  | d. jockey pump out put                         | 180 LPM (1 No.) | Provided                                | MR  |
|  | e. jockey pump head                            | 80 Mtr          | Provided                                | MR  |
|  | f. Standby Pump output                         | 2850 LPM        | Provided                                | MR  |
|  | g. Stanby Pump head                            | 80 Mtr          | Provided                                | MR  |
|  | h. Auto Starting/Manual stopping               | Required        | Provided                                | MR  |
|  | pump house access                              | Required        | Provided                                | MR  |
|  | <b>2. Terrace level</b>                        |                 |   |     |
|  | 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   | <b>Captive water storage for fire fighting</b> |                 |   |     |
|  | 1. Underground tank capacity                   | 2,00,000 Ltr    | Provided                                | MR  |
|  | a. Draw-off connection                         | Required        | Provided                                | MR  |
|  | b. fire service inlet                          | Required        | Provided                                | MR  |
|  | c. Access to tank                              | Required        | Provided                                | MR  |
|  | d. Over head tank Capacity                     | 20,000 Ltr      | Provided                                | MR  |
| 15   | <b>Exit Signage.</b>                           | Required        | Provided                                | MR  |
| 16   | <b>Provision of lifts.</b>                     |                 |   |     |
|  | a. Pressurization of lift shaft                | Required        | Provided                                | MR  |
|  | b. Pressurization of lift lobby                | Required        | Provided                                | MR  |
|  | c. Communication in lift car                   | Required        | Provided                                | MR  |
|  | d. Fireman's grounding switch                  | Required        | Provided                                | MR  |
|  | e. Lift signage                                | Required        | Provided                                | MR  |
| 17   | <b>Standby power supply</b>                    | Required        | Provided                                | MR  |
| 18   | <b>Refuge Area.</b>                            |                 |   |     |
|  | total area                                     | Required        | 100 SQ Mtr each floor.                  | MR  |
|  | location                                       | Required        | Rear side each floor (1st to 5th floor) | MR  |

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|           |  |          |   |    |
|-----------|--|----------|---|----|
|           | <b>Fire control room</b>   |          |   |    |
|           | a. Detector system Panel   | Required | Provided  | MR |
|           | b. Flow switch Panel   | Required | Provided  | MR |
|           | c. PA system Panel   | Required | Provided  | MR |
|           | d. Batter backup   | Required | Provided  | MR |
|           | e. Building floor plans  | Required | Provided  | MR |
| <b>20</b> | Special Fire Protection systems for protection of special risks, if any: | Required | Data Centre fire suppression system<br>Provided | MR |

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

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

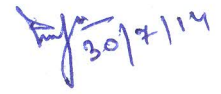
**Signature of the inspecting officer**



**Name D. P. Bhardwaj**

**Designation : DO (South)**

**Signature of the Inspecting Officer**



**Name :- D.B. Mukherjee**

**Designation :- ADO (BCP)**