

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


No. F.6/DFS/MS/2012/ 2325

Dated 28/6/2012

**FIRE SAFETY CERTIFICATE**

Certified that **Institute of Genomics and Integrative Biology (DG-1A) Campus, Mathura Road, Sukhdev Vihar, New Delhi**, comprised of basement, ground plus four upper floor **Owned/Occupied** by Institute of Genomics and Integrative Biology (DG-1A) 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 officers concerned of Delhi Fire Service on 22.06.2012 in the presence of Mr. Harinder Singh and Mr. Sehzaad of IGIB (DG-1A) and the building / premises is fit for occupancy class "Business building" with effect from 28/6/12 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 Rule 2010.

Issued on 28/6/12 at New Delhi by

  
Chief Fire Officer  
Delhi Fire Service.

Copy To: -

1. The Executive Engineer (Bldg.), Building department (HQ), MCD, Delhi.
2. The Controller of Administration, IGIB (DG-1A), Mathura Road, Sukhdev Vihar, New Delhi.

**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 staff 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 Rule 2010. The form is available on [www.dfs.delhigovt.nic.in](http://www.dfs.delhigovt.nic.in)

INSPECTION REPORT

1. Name and address of the building: IGIB Campus (DG-IA) Mathura Road  
Sulekher Vihar, New Delhi.
2. Type of Occupancy: Business Building.
3. Type of Case: New
4. Details of previous NDC: Nil
5. Fire Safety directives letter No: F6/DFS/MS/BP/007/3440 dated: 12.11.2007
6. Date of Inspection: 22-6-2012
7. Name of the Inspecting Officers: Sh Dharampal (D.O.S), Sh Lagan Madhra 100
8. Name and designation of Officers  
From the building side: Sh. Harinder Singh (Er) & Mr. Sehgal.
9. Year of Construction: 2007-2008
10. Applicant's letter No: IGIB/SA/101-102/S dt- 25/5/12

| S. No. | Minimum Standards on Fire Prevention and Fire Safety U/R 33 | NBC Requirement | Provided at site | Remarks MR/NMR |
|--------|---|-----------------|------------------|----------------|
| 1      | Access to building  |                 |                  |                |
|        | • Road width  | 20 Mts          | 24 Mts           | M/R            |
|        | • Gate width  | 6 Mts           | 6 Mts            | M/R            |
|        | • Width of internal road                                    | NA              | NA               | NA             |
| 2      | Number, Width, Type & Arrangement of Exits                  |                 |                  |                |
|        | • Number of staircase                                       |                 |                  |                |
|        | ➤ Upper Floors  | 4 Nos           | 4 Nos            | M/R            |
|        | ➤ Basements   | 3 Nos           | 3 Nos            | M/R            |
|        | • Width of Staircases                                       |                 |                  |                |
|        | ➤ Upper Floors  | 1.5 Mts         | 1.5 Mts          | M/R            |
|        | ➤ Basements   | 1.5 Mts         | 1.5 Mts          | M/R            |
|        | • Protection of exits                                       |                 |                  |                |
|        | ➤ Fire check door   |                 |                  |                |
|        | ➤ Pressurization  | Required        | Provided         | M/R            |
|        | • No. of continuous staircases to terrace                   | Required        | Provided         | M/R            |
|        |   | 3               | 3                | M/R            |
|        | • Width of Corridor   | NA              | NA               | NA             |
|        | • Door Size   | NA              | NA               | NA             |



|    |  |                        |  |     |
|----|--|------------------------|--|-----|
| 3  | Compartmentation                             |                        |  |     |
|    | • Fire check door                            | Required               | Provided   | M/R |
|    | • Sealing of electrical shafts               | Required               | Provided   | M/R |
|    | • Fire rating of shaft door                  | 2 Hrs.                 | 2 Hrs.   | M/R |
|    | • Water curtain                              | NA                     | NA   | NA  |
|    | • Fire Dampers                               | Not Req'd.             | Provided   | M/R |
| 4  | Smoke Management System                      |                        |  |     |
|    | • Basements                                  | 30 a/c Per hour        | Provided   | M/R |
|    | • Upper Floors                               | 12 a/c Per hour        | Provided   | M/R |
| 5  | Fire Extinguishers                           |                        |  |     |
|    | • Total Number                               | 1 / 300 m <sup>2</sup> | 45 Nos.  | M/R |
|    | • Types                                      | ISI mark               | Water, CO <sub>2</sub> , CO <sub>2</sub> , ABE, Foam | M/R |
|    | • IS marking                                 |                        | YES  | M/R |
| 6  | Fire-Aid Hose Reels                          |                        |  |     |
|    | • Total Number on each floor                 | 2 / per floor          | Provided   | M/R |
|    | • Length of hose reel hose                   | 30 m                   | 30 m   | M/R |
|    | • Nozzle diameter                            | 5mm                    | 5mm  | M/R |
| 7  | Automatic Fire detection and alarming system |                        |  |     |
|    | • Type of detectors                          | Smoke                  | Provided   | M/R |
|    | • Location of Main Panel                     | Ground Floor           | Provided   | M/R |
|    | • Location of Repeater Panel                 | NA                     | NA   | NA  |
|    | • Alternate source of power                  | 1750 KVA               | 1750 KVA   | M/R |
|    | • Hooter's Location                          | Required               | Provided   | M/R |
| 8  | MOEFA  | Required               | Provided   | M/R |
| 9  | Public Address System                        | Required               | Provided   | M/R |
| 10 | Automatic Sprinkler System                   |                        |  |     |
|    | • Basement                                   | Required               | Provided   | M/R |
|    | • Upper Floor                                | Required               | Provided   | M/R |
|    | • Sprinkler above false ceiling              | Required               | Provided   | M/R |
| 11 | Internal Hydrants                            |                        |  |     |
|    | • Size of riser/down comer                   | 150 mm                 | 150 mm   | M/R |
|    | • Number of hydrants per floor               | 2 Nos.                 | 2 Nos.   | M/R |
|    | • Hose Box                                   | 2 Nos.                 | 2 Nos.   | M/R |
| 12 | Yard Hydrants                                |                        |  |     |
|    | • Total Number of hydrants                   | 6 Nos.                 | 6 Nos.   | M/R |
|    | • Hose Box                                   | 6 Nos.                 | 6 Nos.   | M/R |



|           |  |            |              |     |
|-----------|--|------------|--------------|-----|
| <b>13</b> | <b>Pumping Arrangements</b>                    |            |              |     |
|           | Ground Level                                   |            |              |     |
|           | ➤ Number of main pump                          | 1          | 1            | M/R |
|           | ➤ Discharge of main pump                       | 2280 LPM   | 2280 LPM     | M/R |
|           | ➤ Head of main pump                            | 75 mts     | 75 mts       | M/R |
|           | ➤ Jockey pump out put                          | 180 LPM    | 180 LPM      | M/R |
|           | ➤ Jockey pump Head                             | 75 mts     | 75 mts       | M/R |
|           | ➤ Standby pump out put                         | 2280 LPM   | 2280 LPM     | M/R |
|           | ➤ Standby Pump Head                            | 75 mts     | 75 mts       | M/R |
|           | ➤ Auto Starting/Manual stopping                | Auto       | Auto         | M/R |
|           | ➤ Pump House Access                            | Required   | Provided     | M/R |
|           | Terrace level                                  |            |              |     |
|           | ➤ Discharge of pump                            | 450 LPM    | 450 LPM      | M/R |
|           | ➤ Head of the pump                             | 75 mts     | 75 mts       | M/R |
|           | ➤ Power Supply                                 | 1750 KVA   | 1750 KVA     | M/R |
|           | ➤ Auto starting /Manual stopping               | Auto       | Auto         | M/R |
| <b>14</b> | <b>Captive Water Storage for Fire Fighting</b> |            |              |     |
|           | • Underground tank capacity                    | 75,000 Lts | 1,00,000 Lts | 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                       | 10,000 Lts | 25,000 Lts   | M/R |
| <b>15</b> | <b>Exit Signage</b>                            | Required   | Provided     | M/R |
| <b>16</b> | <b>Provision of Lifts</b>                      |            |              |     |
|           | • Pressurization of Lift Shaft                 | Required   | Provided     | M/R |
|           | • Pressurization of Lift lobby                 | Required   | Provided     | M/R |
|           | • Communication in lift Car                    | Required   | Provided     | M/R |
|           | • Fireman's Grounding Switch                   | Required   | Provided     | M/R |
|           | • Lift Signage                                 | Required   | Provided     | M/R |
| <b>17</b> | <b>Standby Power Supply</b>                    | 1750 KVA   | 1750 KVA     | M/R |
| <b>18</b> | <b>Refuge Area</b>                             |            |              |     |
|           | • Total Area                                   | NA         |              |     |
|           | • Location                                     | NA         |              |     |
| <b>19</b> | <b>Fire Control Room</b>                       |            |              |     |
|           | • Detector System Panel                        | Required   | Provided     | M/R |
|           | • Flow Switch Panel                            | Required   | Provided     | M/R |
|           | • PA System Panel                              | Required   | Provided     | M/R |
|           | • Battery back up                              | Required   | Provided     | M/R |
|           | • Building Floor Plans                         | Required   | Provided     | M/R |

|    |   |            |          |     |
|----|---|------------|----------|-----|
| 20 | Special Fire Protection System for Protection of special risk, if any | LABC cert. | Provided | M/R |
|----|---|------------|----------|-----|

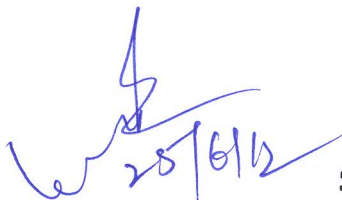
The Fire protection systems provided in the building were test checked and found functional at the time of inspection.

Keeping in view the substantial compliance of the minimum 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 / issue ~~shortcomings~~ as noted at serial Number.....

**Signature of Inspecting Officer**

Name : DHARAM PAL BHARADWAJ.

Designation: DO (S)

  
25/6/12

**Signature of Inspecting Officer**

Name : RAJAN WADEHRA

Designation: A. D. O. (M.Rd.)

