

**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI**

**HEADQUARTERS: DELHI FIRE SERVICE: NEW DELHI- 110 001**

NO. F6/DFS/MS/2017/954

Dated: 04/07/2017

**FIRE SAFETY CERTIFICATE**

Certified that M/s "Museum" located at existing garage in Schedule "B", Rastrapati Bhawan, New Delhi, comprised of two tier basements, ground and mezzanine floors only, owned/occupied by President Estate 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 officer concerned of this department on dated 23.06.17 in the presence of Mr. Anshul Rawat, Project Manager and found that the premises is fit for occupancy class Group-D Assembly Building(Museum) with effect from 04/07/2017 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 Delhi Fire Service Rules,2010.

Issued on.....04/07/2017 at New Delhi by

4/7  
(Vipin Kental)

Chief Fire Officer

T.No.011-23412225

- Copy to:- 1. Mr. Ashok Kumar, Under Secretary, (EBA), President Secretariat, Rashtrapati Bhawan, New Delhi.
2. Sh. S. K. Soni, Addl. General Manager, NBCC Bhawan, Lodhi Road, New Delhi-110003

**Conditions for the validity of fire safety certificate are as under:-**

1. All the means of escape shall be kept free of all type of obstruction all the time.
2. The employees shall be acquainted with the use and maintenance of all fire equipments and method of smooth and speedy safe evacuation of occupants in case of emergency.
3. All fire fighting equipments shall be maintained in perfect working condition all time and any lapse rendering non-functional of fire safety measures, management shall be responsible.
4. Any deviation, with regards to construction, ventilation, occupancy, electric installation etc. may be got verified from the concerned authorities.
5. This Fire Safety Certificate may not be treated in any case for regularizations of unauthorized construction unauthorized use of land if any.
6. 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).
7. The owner/occupier shall apply for renewal of this Fire Safety Certificate, six month prior to its expiry.



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|--|--|--|--|
|  | M/S "Museum" located at existing garage in Schedule "B", Rastrapati Bhawan, New Delhi. |  |  |
| 2  | Building comprised of  | Two tier basements, ground and mezzanine floors.           |  |
| 3  | Type of Occupancy  | Assembly building "D" Museum                               |  |
| 4  | Type of case   | New Case.  |  |
| 5  | Details of previous NOC  | Nil.   |  |
| 6  | Fire safety directives letter No   | No.F6/DFS/MS/BP/2014/99, Dated 04.04.2014.                 |  |
| 7  | Date of inspection   | 23.06.2017.  |  |
| 8  | Name of the inspecting Officers  | ADO Vedpal   |  |
| 9  | Name and designation of officers from the building side                                | Mr. Ansul Rawat, Project Manager, Services.                |  |
| 10   | Year of construction   | 2016   |  |
| 11   | Applicant's letter No.   | NBCC/RBM/NDLS/AGM/2016-17/755, Dated 12.05.2017.           |  |
| S. NO.   | Minimum Standards on fire prevention and fire safety U/R 33                            | Requirement as per Directives issued vide letter dt 4.4.14 | Remarks MR / NMR                           |
| <b>1 Access to building</b>                            |  |  |  |
|  | 1) Road width  | 7m(Internal Road)  | 7m(Internal Road) MR                       |
|  | 2) Gate width  | N/A  | Building directly accessible from road N/A |
|  | 3) Width of internal road  | N/A  | N/A  |
| <b>2 Number, width Type &amp; arrangement of exits</b> |  |  |  |
| <b>a. Number of staircases</b>                         |  |  |  |
|  | 1. Upper floors  | 2 Nos  | 02 Nos. MR                                 |
|  | 2. basements   | B2 to B1=5Nos & B1 to GF=06Nos.                            | B2 to B1=5Nos & B1 to GF=06Nos. & 1ramp MR |
| <b>b. Width of staircase</b>                           |  |  |  |
|  | 1. Upper floors  | 1.5m(each)   | 1.50m(each) MR                             |
|  | 2. basements   | 2m(each)   | 2m(each) & ramp=5.8m MR                    |
| <b>c. Protection of exits</b>                          |  |  |  |
|  | 1. Fire check door   | Required   | Provided MR                                |
|  | 2. Pressurization  | N/A  | N/A  |
| <b>d. No. of continuous staircase to terrace</b>       |  |  |  |
|  |  | N/A  | N/A  |
| <b>e. Width of corridor</b>                            |  |  |  |
|  |  | N/A  | N/A  |
| <b>f. Door size</b>                                    |  |  |  |
|  |  | 2m/1.2m/1m   | 2m/1.2m & 1m(as per approved plans) MR     |
| <b>3 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  |
|  | 5. Fire dampers  | Required   | Provided MR                                |
| <b>4 Smoke Management system.</b>                      |  |  |  |
|  | basement   | 30 a/c per hour  | Provided MR                                |
|  | upper floors   | 12 a/c per hour  | Provided MR                                |
| <b>5 Fire Extinguishers</b>                            |  |  |  |
|  | total numbers  | 32Nos  | 40 Nos MR                                  |
|  | Types  | ABC & CO2  | ABC, Co2, Foam MR                          |
|  | ISI marking  | ISI  | Yes MR                                     |
| <b>6 First-Aid Hose Reels.</b>                         |  |  |  |
|  | total numbers on each floor  | 04nos.   | 04nos. MR                                  |
|  | Length of Hose reel hose   | 30 m   | 30m MR                                     |
|  | Nozzle Diameter  | 5 mm   | 5mm MR                                     |



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|----|---|--------------|-----------------------|-----|
| 7  | <b>Automatic fire detection and alarming system</b> |              |                       |     |
|    | Type of detectors                                   | Heat & Smoke | Heat & Smoke          | MR  |
|    | location of Main Panel                              | Ground Floor | Ground Floor          | MR  |
|    | location of Repeater panel                          | Required     | Provided              | MR  |
|    | Alternate source of power                           | Required     | Provided              | MR  |
|    | hooter's location                                   | Required     | Provided in all areas | MR  |
| 8  | <b>MOEFA</b>  | N/A          | Provided              | N/A |
| 9  | <b>Public Address System.</b>                       | N/A          | Provided              | N/A |
| 10 | <b>Automatic Sprinkler System.</b>                  |              |                       |     |
|    | basement  | Required     | Provided              | MR  |
|    | upper floors  | Required     | Provided              | MR  |
|    | sprinkler above false ceiling                       | N/A          | N/A                   | N/A |
| 11 | <b>Internal Hydrants</b>                            |              |                       |     |
|    | Size of riser/down-corner                           | 100mm        | 150mm                 | MR  |
|    | Number of Hydrants per floor                        | 04nos.       | 04nos.                | MR  |
|    | hose Box  | 04nos.       | 04nos.                | MR  |
| 12 | <b>Yard Hydrants.</b>                               |              |                       |     |
|    | total number of hydrants                            | 06nos.       | 06nos.                | MR  |
|    | hose box  | 06nos.       | 06nos.                | MR  |
| 13 | <b>Pumping arrangements</b>                         |              |                       |     |
|    | <b>1. Ground level</b>                              |              |                       |     |
|    | a. Discharge of main Pump                           | 2280LPM      | 2280LPM               | MR  |
|    | b. Head of main pump                                | 60m          | 60m                   | MR  |
|    | c. Number of main pumps                             | 01no.        | 01no.                 | MR  |
|    | d. jockey pump out put                              | 180LPM       | 180LPM(02nos.)        | MR  |
|    | e. jockey pump head                                 | 60m          | 60m                   | MR  |
|    | f. Standby Pump output                              | 2280LPM      | 2280LPM               | MR  |
|    | g. Stanby Pump head                                 | 60m          | 60m                   | MR  |
|    | h. Auto Starting/Manual stopping                    | Required     | Provided              | MR  |
|    | pump house access                                   | Required     | Provided              | MR  |
|    | <b>2. Terrace level</b>                             |              |                       |     |
|    | a. Discharge of pump                                | 900LPM       | 900LPM                | MR  |
|    | b. head of the pump                                 | 40 mtr       | 40mtr                 | MR  |
|    | c. Power supply                                     | Required     | Provided              | MR  |
|    | d. Auto starting of pump                            | Required     | Provided              | MR  |
| 14 | <b>Captive water storage for fire fighting</b>      |              |                       |     |
|    | 1. Underground tank capacity                        | 100000Ltrs   | 100000Ltrs            | 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                             | 10,000 ltr   | 10000Liters           | 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  | Not Required |                       |     |
|    | location  |              |                       |     |


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|----|--------------------------|-----|----------|-----|
| 19 | <b>Fire control room</b> |     |          |     |
|    | a. detector system Panel | N/A | Provided | N/A |
|    | b. Flow switch Panel     | N/A | N/A      | N/A |
|    | c. PA system Panel       | N/A | Provided | N/A |
|    | d. Batter backup         | N/A | Provided | N/A |
|    | e. Building floor plans  | N/A | N/A      | N/A |

20 **Special Fire Protection systems for protection of special risks, if any: Automatic gas filled system Provided in storage area in B2. MR**

The fire protection systems provided in the building were test checked randomly 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. Also shortcomings issued vide letter dated 28.10.16 have been complied at serial numbers 3,4,13,14,16 & 20. The width of exit doors has been provided as per approved plans i.e 1.2m, 1m & 2m.

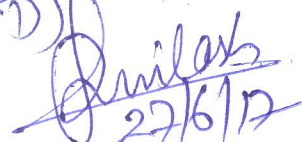
Accordingly DFA is put up for your approval and signature please.

  
24/6/17

Signature of the inspecting officer

Name Vedpal

Designation : Assistant Divisional Officer

~~D.O. (S.D.)~~  
  
27/6/17

