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

No. F6/DFS/MS/Metro/2019/NDZ/ 572

Dated: 15/03/19

## FIRE SAFETY CERTIFICATE

Certified that the Yamuna Bank Metro Station (Line-3) Delhi, owned/occupied by M/s Delhi Metro Rail Corporation comprised of Basement (Subway) & Ground level (platform level) was granted fire safety certificate vide letter no. F6/DFS/MS/2009/1129 Dated 24/04/09. The premises was re-inspected by the officer concerned of this department on 14/01/19 & 14/02/19 in the presence of Sh. Pushkar Singh (Senior Fire Inspector) and found that the Metro Station building have deemed complied with the fire prevention and fire safety requirements in accordance with directive vide letter no.F6/DFS/MS/BP/2009/654 dated 04/03/2009 and that the building is fit for occupancy Group D "Assembly Building" with effect from .....15/03/19.. for a period of **three** years, subject to conditions printed overleaf.

Issued on .....15/03/19.... at New Delhi by

15/3/19

**(Atul Garg)**
Chief Fire Officer

9/CRs

To,

Sh. Rajesh Agarwal,
JGM/E&M, DMRC
Metro Bhawan, New Delhi.

Copy to:-

Delhi Metro Rail Corporation Ltd,
Metro Bhawan, Fire Brigade Lane,
Barakhamba Road, New Delhi-110001.

CONDITIONS:

1. All the means of escape shall be kept free of all the type of obstruction all the time.
2. All 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 the fire fighting equipments shall be maintained in perfect working condition all the time and any lapse rendering non-functional of fire safety measures, management shall be responsible.
4. The clarification with regards electrical installation, ventilation, structure stability set back areas, occupancy and constructional deviation in building etc .may be got verified from the authorities concerned.
5. This Fire Safety Certificate can not be treated in any case for regularizations of unauthorized construction unauthorized use of land if any.
6. All comments/ directions of the Licensing Department shall always be permitted and followed.
7. 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"
8. 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

1. Name & address of the building : Yamuna Bank Metro Station( Line-3) Delhi
2. Building is comprised of : Basement(Sub way) to Ground ( platform level)
3. Type of Occupancy : Assembly building (Metro Station)
4. Type of Case : Renewal
5. Details of Previous FSC letter : F6/DFS/MS/2009/1129 Dated 14/04/09
6. Fire safety direction letter No. : F6/DFS/MS/BP/2009/232 Dated-27/01/09
7. Date of Inspection : 14/01/19 & 12/02/19
8. Name of the Inspecting officers : DO F. Brown & ADO R.K. Yadav
9. Name and designation of Officer from the building side : Sh. Pushkar Singh (Sr.Fire Inspector)
10. Year of Construction : 2008
11. Applicant's letter No : DMRC/O&M/Fire/NOC/L-3/2018/43 date 19/12/18

| Sr. No. | Minimum Standards on Fire Prevention and Fire Safety U/R33 | NBC Requirement | Provided at Site | Remarks MR/NMR |
|---|---|---|---|---|
| 01 | Access to Building | | | |
| | • Road width | 09 mtr. | 09 mtr. | MR |
| | • Gate width | N/A | N/A | N/A |
| | • Width of internal road | N/A | N/A | N/A |
| 02 | Number, Width, Type and Arrangement of Exits | | | |
| | a. Number of Staircases | | | |
| | • Upper floor Platform | 04 nos | 04 nos | MR |
| | • Basement(Subway) | 02 nos | 02 nos | MR |
| | B. Width of Staircases | | | |
| | • Upper floor Platform | 2.0 m | 2.5 m each | MR |
| | • Basement | 2.0 m | 2.5 m each | MR |
| | c. Protection of Exits | | | |
| | • Fire check door | N/A | N/A | N/A |
| | • Pressurization | N/A | N/A | N/A |
| | d. No. of Continuous Staircases to Terrace( Plate form) | 04 nos | 04 nos | MR |
| | e. Width of Corridor | N/A | N/A | N/A |
| | f. Door Size | N/A | N/A | N/A |
| 03 | Compartmentation. | | | |
| | • Fire check door | N/A | N/A | N/A |
| | • Sealing of electrical shafts | N/A | N/A | N/A |
| | • Fire rating of shaft door | N/A | N/A | N/A |
| | • Water curtain | N/A | N/A | N/A |
| | • Fire dampers | N/A | N/A | N/A |
| | | | | |
| 04 | Smoke Management System. | | | |
| | • Basement | Required | Ventilated | MR |
| | • Upper floor | N/A | N/A | N/A |
| 05. | Fire Extinguishers | | | |
| | • Total numbers | 10 nos. | 10 nos | MR |
| | • Types | ABC /$CO_2$ | ABC & $CO_2$ | MR |
| | • IS marking | ISI marked | Provided | MR |

| | | | | |
|---|---|---|---|---|
| 06 | First-Aid-Hose Reels. | | | |
| | Total numbers on conc. & Platform | 04 nos | 04 nos | MR |
| | Subway | 02 no. | 02 no. | MR |
| | • Length of hose reel hose | 30 mtr | 30 mtr | MR |
| | • Nozzle diameter | 05 mm | 05 mm | MR |
| 07 | Automatic Fire Detection and Alarming System. | | | |
| | • Type of detectors | Smoke | Provided | MR |
| | • Location of main panel | Required | Provided | MR |
| | • Location of repeater panel | Main Entry | Provided | MR |
| | • Alternate source of power | Required | Provided | MR |
| | • Hooter | Required | Provided | MR |
| 08 | MOEFA | Required | Provided | MR |
| 09 | Public Address System. | Required | Provided | MR |
| 10 | Automatic Sprinkler System. | | | |
| | • Plateform | 04 No. | 04 No. | MR |
| | • Basement (Sub way) | 02 No. | 02 No. | MR |
| | • upper floor | N/A | N/A | N/A |
| | • sprinkler above false ceiling | N/A | N/A | N/A |
| 11 | Internal Hydrants | | | |
| | • size of riser/down-comer | Required | Provided | MR |
| | • Number of hydrants per floor | Required | Provided | MR |
| | • Hose box | Required | Provided | MR |
| 12 | Yard Hydrants. | | | |
| | • Total number of hydrants | 02 No. | 02 No. | MR |
| | • Hose box | Required | Provided | MR |
| 13 | Pumping Arrangements. | | | |
| | ➢ Ground Level | | | |
| | • Discharge of main pump | 1800 LPM | 1800 LPM | MR |
| | • Head of main pump | 70 M | 70 M | MR |
| | • Number of main pumps | 01 nos | 01 nos | MR |
| | • Jockey pump out put | 225 LPM | 225 LPM | MR |
| | • Jockey pump head | 70 M | 70 M | MR |
| | • Standby pump out put | 1800 LPM | 1800 LPM | MR |
| | • Standby pump head | 70 M | 70 M | MR |
| | • Auto starting /manual stopping | Required | Provided | MR |
| | • Pump house access | Required | Provided | MR |
| | ➢ Terrace Level | | | |
| | • Discharge of pump | N/A | N/A | N/A |
| | • Head of the pump | N/A | N/A | N/A |
| | • Power supply | N/A | N/A | N/A |
| | • Auto starting of pump | N/A | N/A | N/A |
| 14 | Captive Water Storage for Fire Fighting. | | | |
| | • Underground tank capacity | 1,00,000 ltr | 1,00,000 ltr | MR |
| | • Draw-off connection | Required | Provided | MR |
| | • Fire service inlet | Required | Provided | MR |
| | • Access to tank | Required | Provided | MR |
| | • Overhead tank capacity | N/A | N/A | N/A |
| 15 | Exit Signage. | Required | Provided | MR |

| | | | | |
|---|---|---|---|---|
| 16 | Provision of Lifts | | | |
| | • Pressurization of lift shaft | N/A | N/A | N/A |
| | • Pressurization of lift lobby | N/A | N/A | N/A |
| | • Communication in lift car | Required | Provided | MR |
| | • Firemen's grounding switch | Required | Provided | MR |
| | • Lift signage | Required | Provided | MR |
| 17 | Standby Power Supply | Required | Provided | MR |
| 18 | Refuge Area. | | | |
| | • Total area | N/A | N/A | N/A |
| | • Location | N/A | N/A | N/A |
| 19 | Fire Control Room | | | |
| | • Detector system panel | N/A | N/A | N/A |
| | • Flow switch panel | N/A | N/A | N/A |
| | • PA system panel | N/A | N/A | N/A |
| | • Battery backup | N/A | N/A | N/A |
| | • Building floor plans | N/A | N/A | N/A |
| 20 | Special Fire Protection Systems for Protection of Special Risks, if Any: | N/A | N/A | N/A |

The fire protection systems provided in the building were tested/checked and found functional at the time of inspection.

Keeping in view the compliance of the minimum standards on fire prevention and fire safety required under the rules. The NOC was issued vide letter no. F6/DFS/MS/2009/1129 Dated 24/04/09, it is recommended to renew Fire Safety Certificate.

Signature of the Inspecting Officer
Name : R. K. Yadav
Designation : ADO(LN)

Signature of the Inspecting Officer
Name : F.Brown
Designation : DO(ED)

DY CFO/MD 4

C.F.O 7/3/14

FT DS

ADO/RK Yadav/LN

Sdy FT Letter to put up for sign. please