



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


No. F6/DFS/MS/DMRC/SZ/2022/ 492

Dated: 03/11/2022

FIRE SAFETY CERTIFICATE

Certified that the **Elevated Metro Station located at Shadipur, New Delhi**, is comprised of Ground level, Concourse level & Platform level was granted Fire Safety Certificate by this department vide letter No. F.6/DFS/MS/DMRC/2019/SZ/1300 dated 18.06.2019 The said Metro Station was re-inspected by the officer concerned of this department on 14.10.2022 in presence of Sh. Ravinder Kaushik, (Fire Supervisor) from DMRC and found that the premises have deemed complied with the fire prevention and fire safety requirements in accordance with Rule 33 of the Delhi fire service Rules 2010 and that the building/premises is fit for occupancy class "**Group D (Assembly Building)**" with effect from 03/11/2022 for a period of **03 (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, printed below.

Issued on 03/11/2022 at New Delhi by.


(Sunil Chaudhary)
Dy. Chief Fire Officer (SZ)
Delhi Fire Service

Copy to: -

1. Sh. Raviner Kaushik (Fire Inspector), Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi- 110001.

Conditions for the Validity of Fire Safety Certificate

1. All the fire safety arrangements provided therein shall be maintained in good working condition at all times.
2. Any loss of life or property due to non-functional fire safety measures shall be at the risk & responsibility of the management.
3. The trained staff should be available round the clock.
4. Any deviation w.r.t. construction shall be verified by the concerned building sanctioning agency.
5. The certificate may not be treated in any case for regularization of unauthorized construction, if any.
6. The basement shall be used strictly as per the provisions of the Building Bye Laws, 1983.
7. The owner/occupier shall submit a declaration every year in form 'K' Provided in the first schedule of Delhi Fire Service Rules 2010, form is available on www.dfs.delhigovt.nic.in

INSPECTION REPORT

1. Name & address of the building : Shadipur Metro Station, New Delhi.
 2. Type of Occupancy : Assembly, Group- (D-7)
 3. Building Composition : Said Metro Station comprised of ground, concourse & Platform
 4. Type of Case : Renewal
 5. Details of previous NOC : F.6/DFS/MS/DMRC/2019/SZ/1300 dated 18.06.2019
 6. Fire Safety directives letter No : F6/MS/DFS/BP/2004/2405 dated 13/10/2004.
 7. Date of inspection : 14.10.2022
 8. Name of the Inspecting Officers : P.V. Rathee, Asst. Divisional Officer (SRD)
 9. Name and designation of officers from the building side : Sh. Ravinder Kaushik, Fire Supervisor
 9. Year of Construction : 2005
 10. Applicant's letter No. : Letter No. DMRC/O&M/NOC/L-3/2022/10/01 dated 12.10.2022

| S. No. | Minimum Standards on fire prevention and fire safety U/R 33 | Fire Safety Requirement as per FSC dt. 18.06.2019 | Provided at site | Remarks MR/NMR |
|--------|-------------------------------------------------------------|------------------------------------------------------------------------------|---------------------|----------------|
| 1 | Access to building | | | |
| | • Road width | 9 mts | 45 mts | MR |
| | • Gate width | N/A | Direct assessable | N/A |
| | • Width of internal road | N/A | N/A | N/A |
| 2 | Number, Width, Type & Arrangement of Exits | | | |
| | a. Number of staircases | | | |
| | • Upper Floors | 02 Nos. for each platform up to concourse & 2 Nos. Concourse to ground floor | Provided | MR |
| | • Basements | N/A | N/A | N/A |
| | b. Width of staircases | - | - | - |
| | • Upper Floors | 4.0 mts platform to concourse & 4.5 mts concourse to ground floor | Provided | MR |
| | • Basements | N/A | N/A | N/A |
| | c. Protection of exits | - | - | - |
| | • Fire check door | Required | Provided | MR |
| | • Pressurization | NA | NA | NA |
| | e. No. of continuous staircases to terrace | NA | NA | NA |
| | g. Width of Corridor | 2.0 mts | 2.5 mts | MR |
| | h. Door Size | 1.5 mts | 1.5 mts | MR |
| 3 | Compartmentation. | | | |
| | • Fire check door | Required | Provided | MR |
| | • Sealing of electrical shafts | Required | Provided | MR |
| | • Fire Rating of shaft door | 2 Hrs. | Provided | MR |
| | • Water Curtain | NA | NA | NA |
| | • Fire Dampers | NA | NA | NA |
| 4 | Smoke Management System. | | | |
| | • Basements | N/A | NA | NA |
| | • Upper floors | 12 A/C per Hour | Natural Ventilation | MR |
| 5 | Fire Extinguishers | | | |
| | • Total numbers | 35 No's | Provided | MR |
| | • Types | W.CO ₂ (8)/ CO ₂ (27) | Provided | MR |
| | • IS marking | ISI marked | Provided | MR |

| | | | | |
|----|------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------|-----|
| 6 | First-Aid Hose Reels. | | | |
| | • Total numbers on each floor | 03 Nos. (each platform) 02 Nos. (concourse level) 02 Nos. (ground level) | Provided | MR |
| | • Length of hose reel hose | 45 m | Provided | MR |
| | • Nozzle diameter | 5 mm | Provided | MR |
| 7 | Automatic fire detection and alarming system. | | | |
| | • Type of detectors | Smoke & Heat | Provided | MR |
| | • Location of Main Panel | Required | Provided at station control room | MR |
| | • Location of Repeater Panel | Required | Provided at concourse level | MR |
| | • Alternate source of power | Required | DG Set Provided | MR |
| | • Hooters' Location | Required | Provided at all level in common area | MR |
| 8 | MOEFA | Required | Provided | MR |
| 9 | Public Address System. | Required | Provided | MR |
| 10 | Automatic Sprinkler System. | | | |
| | • Basement | NA | NA | NA |
| | • 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 | 100 mm | Provided | MR |
| | • Number of hydrants per floor | Required | Provided Platform each- 3. Concourse- 2 & Ground- 2 | MR |
| | • Hose Box | Required | As above | MR |
| 12 | Yard Hydrants. | | | |
| | • Total number of hydrants | 2 Nos | Provided | MR |
| | • Hose Box | 02 Nos | Provided | MR |
| 13 | Pumping Arrangements. | | | |
| | • Ground Level | - | - | - |
| | ➤ Discharge of main Pump | 1800 LPM | Provided at Platform level | MR |
| | ➤ Head of Main pump | 60 mts | Provided | MR |
| | ➤ Number of main pumps | 02 | Provided | MR |
| | ➤ Jockey Pump out put | 180 LPM | Provided at Platform level | MR |
| | ➤ Jockey pump head | 60 LPM | Provided | MR |
| | ➤ Standby Pump out put | 1800 LPM | Provided at Platform level | MR |
| | ➤ Standby Pump Head | 60 mts. | Provided | 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 | 50,000 lts | Provided at Terrace | MR |
| | ➤ Draw-off connection | Required | Provided | MR |
| | ➤ Fire service inlet | Required | Provided | MR |
| | ➤ Access to tank | Required | Provided | MR |
| | • Overhead Tank capacity | Required | Provided | MR |
| 15 | Exit Signage. | Required | Provided | MR |
| 16 | Provision of Lifts. | | | |


N/12
N/17

| | | | | |
|----|--------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------------|-----|
| | • 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 |
| | • Fireman's Grounding Switch | Required | Provided | MR |
| | • Lift Signage | Required | Provided | MR |
| 17 | Standby power supply | Required | D.G.Set 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 | Required | Provided | MR |
| | • Flow Switch Panel | N/A | N/A | N/A |
| | • PA System Panel | Required | Provided | MR |
| | • Batter backup | Required | Provided | MR |
| | • Building Floor Plans | Required | Provided | MR |
| 20 | Special Fire Protection Systems for Protection of special Risks, if any: | Required | One CO ₂ Terrace tube flooding system is found provided for HT/LT elect. Panel | N/A |

The fire protection systems provided in the building were checked at random and found satisfactory at the time of inspection.

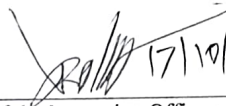
In view the deemed compliance of the minimum standards on fire prevention and fire safety measure as required under the Rules, the FSC issued vide letter No. F.6/DFS/MS/DMRC/2019/SZ/1300 dated 18.06.2019. renewal under Rule 37 of the Delhi Fire Service Rules 2010 is recommended.

DFA is put up for approval & signature please.

D.O. (SW)  17/10/22

Dyefo (SZ) 

MS, cell 

 17/10/22

Signature of the Inspecting Officer
P.V. Rathee
Asstt. Div. Officer (SRD)