

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


No. F.6/DFS/MS/Metro/2021/SZ/ 139

Dated: 23 / 02 /2021

**FIRE SAFETY CERTIFICATE**

Certified that "DMRC Okhla Metro Station" New Delhi" comprising of (Ground Floor, Concourse and Platform Level) was granted Fire Safety Certificate by this department vide letter no F6/DFS/MS/Metro/2017/SZ/1862 dated 27/12/2017. The premise was re-inspected by the officer concerned of this department on 13/02/2021 in the presence of Mr. Bhirgu Fukan (AM/Fire) and found that the said metro station building 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 premises is fit for occupancy "Group D-7 Assembly Building" as above with effect from 23/02/2021 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 Rules, 2010.

Issued on 23 / 02 /2021 at New Delhi by

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

Copy to: -

1. Mr. Bhirgu Fukan Asst. Manager Delhi Metro Rail Corporation, Metro Bhawan, Fire Brigade Lane, New Delhi-110001.
2. The Executive Director/Electrical, Near Malviya Nagar Metro station, Press Enclave, New Delhi 1100017

**Conditions for the validity of Fire Safety Certificate: -**

1. All the fire safety arrangement provided therein shall be maintained in good working condition at all time as seen during inspection. Any loss of life property due to non-functional fire safety measures shall be at the responsibility of the management.
2. All the staff members must know the correct method of operation of fire fighting system.
3. The basement shall be used strictly as per the provision of Building Bye Laws.
4. 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)
5. This fire safety certificate may not in any way be treated as regularization (Clause 2.8 of UBBL-2016) of unauthorized construction or alteration (Clause 1.4.3 of UBBL-2016), if any.
6. "The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director in form 'J' [sub rule (I) of rule 37] along with a copy of this Certificate, six month prior to its expiry."

| INSPECTION REPORT |  |  |  |                |
|-------------------|--|--|--|----------------|
| 1                 | Name & Address of the Building   | DMRC Okhla Metro New Delhi-110019 (Line-6)     |  |                |
| 2                 | Type of Occupancy  | Assembly (D-7)                                 |  |                |
| 3                 | Building Comprised of  | Ground Floor, Concourse & Platform level.      |  |                |
| 4                 | Type of Case   | Renewal  |  |                |
| 5                 | Details of Previous NOC  | F.6/DFS/MS/Metro/2017/SZ/1862 dated 27-12-2017 |  |                |
| 6                 | Fire Safety Directives Letter No   | F.6/DFS/MS/BP/2008/2438 dated 26/08/2008       |  |                |
| 7                 | Date of Inspection   | 13-02-2021                                     |  |                |
| 8                 | Name of the Inspecting Officers  | Sh. Rajesh Kumar, ADO (BCP)                    |  |                |
| 9                 | Name & Designation of Officers from the building side  | Mr. Bhirgu Fukan (AM/Fire)                     |  |                |
| 10                | Year of construction   | 2008-09  |  |                |
| 11                | Applicant letter No.   | Gmail dated 05/02/2021                         |  |                |
| S. No.            | Minimum standards on Fire Prevention and Fire Safety U/R 33  | Old FSC Requirement                            | Provided at Site   | Remarks MR/NMR |
| <b>1</b>          | <b>Access to Building.</b>   |  |  |                |
|                   | <ul style="list-style-type: none"> <li>Road width</li> <li>Gate width</li> <li>Width of internal road</li> </ul> | Required                                       | 09 mts.  | MR             |
|                   |  | .....  | Directly accessible  | MR             |
|                   |  |  | N/A  | N/A            |
| <b>2</b>          | <b>Number, width, type &amp; arrangements of exits</b>   |  |  |                |
|                   | <b>a. Number of Staircase</b>  |  |  |                |
|                   | ➤ Upper floors   | Required                                       | GF to CC level= 03 Nos<br>Concourse to PF level= 4 Nos               | MR             |
|                   | ➤ Basement floor   | N/A  | NA   | N/A            |
|                   | <b>b. Width of Staircase</b>   |  |  |                |
|                   | ➤ Upper floors   | Required                                       | GF to CC= 3.90, 2.55 & 1.73 m<br>CC to PF=4.40m, 4.40, 2.32 & 2.30 m | MR             |
|                   | ➤ Basement floor   | N/A  | N/A  | N/A            |
|                   | <b>c. Protection of exits</b>  |  |  |                |
|                   | ➤ Fire check door  | Required                                       | Provided   | MR             |
|                   | ➤ Pressurization   | N/A  | N/A  | N/A            |
|                   | <b>d. No. of continuous staircase to terrace</b>   | N/A  | N/A  | N/A            |
|                   | <b>e. Width of corridor</b>  | Required                                       | 2.5 mtr  | MR             |
|                   | <b>f. Door size</b>  | Required                                       | 1.5 mtr  | MR             |
| <b>3</b>          | <b>Compartmentation.</b>   |  |  |                |
|                   | • Fire check door.   | Required                                       | Provided   | MR             |
|                   | • Sealing of electrical shafts.  | Required                                       | Provided   | MR             |
|                   | • 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            |
| <b>4</b>          | <b>Smoke Management system.</b>  |  |  |                |
|                   | • Basement   | N/A  | N/A  | N/A            |
|                   | • Upper floors   | N/A  | N/A  | N/A            |
| <b>5</b>          | <b>Fire Extinguishers.</b>   |  |  |                |
|                   | • Total numbers  |  | 30 Nos   | MR             |
|                   | • Types  | ISI Marked                                     | CO <sub>2</sub> & W.CO <sub>2</sub>                                  | MR             |
|                   | • ISI Marking  |  | Provided   | MR             |



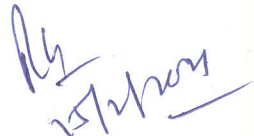
|    |   |            |                        |     |
|----|---|------------|------------------------|-----|
| 6  | <b>First Aid Hose Reels.</b>  |            |                        |     |
|    | <ul style="list-style-type: none"> <li>Total numbers on each floor.</li> <li>Length of hose-reel hose.</li> <li>Nozzle Diameter</li> </ul>  | Required   | CC= 2 Nos, PF= 4 Nos   | MR  |
|    |   | Hose Reel  | 45m                    | MR  |
|    |   | Required   | 5mm                    | MR  |
| 7  | <b>Automatic fire detection &amp; alarming system.</b>  |            |                        |     |
|    | <ul style="list-style-type: none"> <li>Type of detectors</li> <li>Location of Main Panel</li> <li>Location of Repeater Panel</li> <li>Alternate source of power</li> <li>Hooter's location</li> </ul>   | Required   | Smoke type             | MR  |
|    |   | Required   | Station Control Room   | MR  |
|    |   | Required   | Concourse level        | MR  |
|    |   | Required   | Provided DG Set        | MR  |
|    |   | Required   | Provided at all levels | MR  |
| 8  | <b>MOEFA</b>  | Required   | Provided               | MR  |
| 9  | <b>Public Address System</b>  | Required   | Provided               | MR  |
| 10 | <b>Automatic Sprinkler System</b>   |            |                        |     |
|    | <ul style="list-style-type: none"> <li>Basement</li> <li>Upper floors</li> <li>Sprinkler above false ceiling</li> </ul>   | N/A        | N/A                    | N/A |
|    |   | N/A        | N/A                    | N/A |
|    |   | N/A        | N/A                    | N/A |
| 11 | <b>Internal Hydrants.</b>   |            |                        |     |
|    | <ul style="list-style-type: none"> <li>Size of Riser/Down-comer</li> <li>Number of Hydrant per floor</li> <li>Hose box.</li> </ul>  | Required   | 100 mm                 | MR  |
|    |   | Required   | CC=2, PF=4             | MR  |
|    |   | Required   | CC=2, PF=4             | MR  |
| 12 | <b>Yard Hydrants.</b>   |            |                        |     |
|    | <ul style="list-style-type: none"> <li>Total number of hydrants.</li> <li>Hose box.</li> </ul>  | Required   | 02 Nos Provided        | MR  |
|    |   | Required   | 02 Nos Provided        | MR  |
| 13 | <b>Pumping arrangements.</b>  |            |                        |     |
|    | <b>a) Ground Level</b>  |            |                        |     |
|    | <ul style="list-style-type: none"> <li>Discharge of main pump.</li> <li>Head of main pump.</li> <li>Number of main pumps.</li> <li>Jockey Pump output.</li> <li>Jockey Pump head.</li> <li>Standby Pump output.</li> <li>Standby Pump head.</li> <li>Auto Starting/Manual Stopping.</li> <li>Pump House Access</li> </ul> | 1800 LPM   | 1800 LPM               | MR  |
|    |   | 70 mtr     | 70 mtr                 | MR  |
|    |   | Two        | Two                    | MR  |
|    |   | 180 LPM    | 180 LPM                | MR  |
|    |   | 70 mtr     | 70 mtr                 | MR  |
|    |   | 1800 LPM   | 1800 LPM               | MR  |
|    |   | 70 mtr     | 70 mtr                 | MR  |
|    |   | Required   | Provided               | MR  |
|    |   | Required   | Provided               | MR  |
|    | <b>b) Terrace Level</b>   |            |                        |     |
|    | <ul style="list-style-type: none"> <li>Discharge of pump.</li> <li>Head of pump.</li> <li>Power supply.</li> <li>Auto starting of pump.</li> </ul>  | N/A        | N/A                    | N/A |
|    |   | N/A        | N/A                    | N/A |
|    |   | N/A        | N/A                    | N/A |
|    |   | N/A        | N/A                    | N/A |
| 14 | <b>Captive water storage for Fire Fighting.</b>   |            |                        |     |
|    | <ul style="list-style-type: none"> <li>Underground tank capacity.</li> <li>Draw-off connection.</li> <li>Fire Service Inlet.</li> <li>Access to tank.</li> <li>Overhead tank capacity.</li> </ul>   | 50,000 Ltr | 50,000 Ltr             | MR  |
|    |   | Required   | Provided               | MR  |
|    |   | Required   | Provided               | MR  |
|    |   | Required   | Provided               | MR  |
|    |   | N/A        | N/A                    | N/A |
| 15 | <b>Exit Signage.</b>  | Required   | Provided               | MR  |
| 16 | <b>Provision of Lifts.</b>  |            |                        |     |



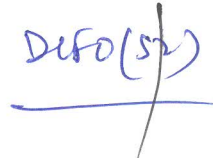

|    |  |  |                   |     |
|----|--|--|-------------------|-----|
|    | <ul style="list-style-type: none"> <li>• Pressurization of lift shaft.</li> <li>• Pressurization of lift lobby.</li> <li>• Communication in lift car.</li> <li>• Fireman's switch.</li> <li>• Lift signage.</li> </ul> | N/A  | N/A               | N/A |
|    |  | N/A  | N/A               | N/A |
|    |  | Required   | Provided          | MR  |
|    |  | Required   | Provided          | MR  |
|    |  | Required   | Provided          | MR  |
| 17 | <b>Standby Power Supply</b>  | Required   | Provided (DG Set) | MR  |
| 18 | <b>Refuge Area</b>   |  |                   |     |
|    | <ul style="list-style-type: none"> <li>• Total area</li> <li>• Location</li> </ul>   | N/A  | N/A               | N/A |
|    |  | N/A  | N/A               | N/A |
| 19 | <b>Fire Control Room.</b>  |  |                   |     |
|    | <ul style="list-style-type: none"> <li>• Detector System Panel.</li> <li>• Flow Switch Panel.</li> <li>• PA system Panel.</li> <li>• Battery backup</li> <li>• Building floor plan</li> </ul>                          | Required   | Provided          | MR  |
|    |  | Required   | Provided          | MR  |
|    |  | Required   | Provided          | MR  |
|    |  | Required   | Provided          | MR  |
|    |  | Required   | Provided          | MR  |
| 20 | <b>Special Fire Protection System for the Protection of Special Risk, if any :</b>   | CO <sub>2</sub> flooding system provided in electrical panel |                   | MR  |

The fire protection system provided in the building were randomly checked and found functional at the time of inspection.

Keeping in view of the deemed compliance of the minimum standard on fire prevention and fire safety measures as required under the rules, the FSC issued vide letter no F6/DFS/MS/Metro/2017/SZ/1862 dated 17/12/2017, renewal under rule 37 of the Delhi Fire Service rules, 2010 is recommended.

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

  
 Signature of Inspecting Officer  
 Name: Rajesh Kumar  
 Design: ADO (BCP)

  
  
  
 F.T. please  


A D O B C P

As approved, F.T. letter is put up for your signature pl