

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

No.F.6/DFS/MS/Metro/2024/SZ/ 663

Dated: 04/11/2024

FIRE SAFETY CERTIFICATE

Certified that "Arjangarh Metro Station Line-2 located at Qutab Minar-Gurgaon Corridor, New Delhi comprised of Ground Level + Concourse + platform Level owner/occupied by DMRC Ltd was issued Fire Safety Certificate by this department vide letter no F6/DFS/MS/Metro/2022/SZ/07 dated 05.01.2022. The premise was re-inspected by the officer concerned of this department on 24/10/2024 in the presence of Mr. Omkar Kumar (Fire-inspector) 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 class-D "Assembly Occupancy" (Delhi Metro Railway) with effect from 04/11/2024 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 04/11/2024 at New Delhi by

(ATUL GARG)
DIRECTOR
DELHI FIRE SERVICE

Copy to: -

1. Mr. Rajesh Aggarwal (GM/E&M) Delhi Metro Rail Corporation, Metro Bhawan, 13, Fire Brigade Lane, New Delhi-110001.

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
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: Arjangarh Metro Station, of Qutab Minar-Gurgaon Corridor, Delhi.
2. Type of Occupancy : Assembly D-7 (Metro Station)
3. Type of Case : Renewal (Ground Level + Concourse + Platform Level)
4. Details of previous NOC : F6/DFS/MS/Metro/2022/SZ/07 dated 05.01.2022
5. Fire Safety directives letter No : F6/DFS/MS/BP/2009/498 dated 18.02.2009
6. Date of inspection : 24.10.2024
7. Name of the Inspecting Officers : Sh. Rajesh Kumar, ADO (BCP)
8. Name and designation of officers from the building side : Mr. Omkar Kumar, Fire Inspector
9. Year of Construction : 2010
10. Applicant's letter No. : DMRC/OADM//FIRE/NOC/L-2/2024/10/03 Dated: 04.10.2024

| 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 | As per PWD | Provided | MR |
| | • Gate width | Required | Approx 06 mtr | MR |
| | • Width of internal road | As per NBC | 6 mtr | MR |
| 2 | Number, Width, Type & Arrangement of Exits | | | |
| | a. Number of staircases | | | |
| | • Upper Floors | 04nos Concourse to platform | Provided | MR |
| | • Basements | 02 nos ground to Concourse | NA | NA |
| | b. Width of staircases | NA | NA | NA |
| | • Upper Floors concourse to platform | As per NBC | PF to CC- 3.35 mtr (02 Nos) 1.85 m + 1 m escalator (02 Nos) CC-to Ground- 2.35 mtr (02 Nos) + 1 mtr escalator (02 Nos) | MR |
| | • Basements | NA | NA | NA |
| | c. Protection of exits | | | |
| | • Fire check door | Required | Provided | MR |
| | • Pressurization | NA | NA | NA |
| | d. No. of continuous staircases to terrace | 02 | Provided | MR |
| | • Width of Corridor | 2 m | 2 m | MR |
| | f. Door Size | Required | 1.9m | MR |
| 3 | Compartmentation. | | | |
| | • Fire check door | Required | Provided | MR |
| | • Sealing of electrical shafts | Required | Provided | MR |
| | • Fire Rating of shaft door | Required | Provided | MR |
| | • Water Curtain | NA | NA | NA |
| | • Fire Dampers | N/A | N/A | N/A |
| 4 | Smoke Management System. | | | |
| | • Basements | 30ACPH | NA | NA |
| | • Upper floors | 12ACPH | NA | NA |
| 5 | Fire Extinguishers | | | |
| | • Total numbers | 19nos | 19nos | MR |

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|----|--|---|---|-----|
| | <ul style="list-style-type: none"> Types IS marking | ISI marked | Provided | MR |
| | | Required | Provided | MR |
| 6 | First-Aid Hose Reels. | | | |
| | <ul style="list-style-type: none"> Total numbers on each floor | 04 – platform level 02 – concourse level | 04 – platform level 02 – concourse level | MR |
| | <ul style="list-style-type: none"> Length of hose reel hose | 45m | 45m | MR |
| | <ul style="list-style-type: none"> Nozzle diameter | 5mm | 5mm | MR |
| 7 | Automatic fire detection and alarming system | | | |
| | <ul style="list-style-type: none"> Type of detectors | Smoke/heat | Provided | MR |
| | <ul style="list-style-type: none"> Location of Main Panel | Required | Provided | MR |
| | <ul style="list-style-type: none"> Location of Repeater Panel | NA | NA | NA |
| | <ul style="list-style-type: none"> Alternate source of power | Required | Provided | MR |
| | <ul style="list-style-type: none"> Hooters' Location | Required | Provided | MR |
| 8 | MOEFA | Required | Provided | MR |
| 9 | Public Address System. | Required | Provided | MR |
| 10 | Automatic Sprinkler System. | | | |
| | <ul style="list-style-type: none"> Basement | NA | NA | NA |
| | <ul style="list-style-type: none"> Upper Floor | NA | NA | NA |
| | <ul style="list-style-type: none"> Sprinkler above false ceiling | NA | NA | NA |
| 11 | Internal Hydrants | | | |
| | <ul style="list-style-type: none"> Size of riser/down-comer | 150mm | Provided | MR |
| | <ul style="list-style-type: none"> Number of hydrants per floor | Required | Platform each-02 Concourse - 02 | MR |
| | <ul style="list-style-type: none"> Hose Box | Required | Platform each-02 Concourse - 02 | MR |
| 12 | Yard Hydrants. | | | |
| | <ul style="list-style-type: none"> Total number of hydrants | 02 Nos | Provided | MR |
| | <ul style="list-style-type: none"> Hose Box | 02 Nos | Provided | MR |
| 13 | Pumping Arrangements. | | | |
| | <ul style="list-style-type: none"> Ground Level | | | |
| | <ul style="list-style-type: none"> Discharge of main Pump | 1800 Lpm | 1800 LPM | MR |
| | <ul style="list-style-type: none"> Head of Main pump | 60 mtr | 60m | MR |
| | <ul style="list-style-type: none"> Number of main pumps | 01 | 01 | MR |
| | <ul style="list-style-type: none"> Jockey Pump out put | 180 LPM | 180 LPM | MR |
| | <ul style="list-style-type: none"> Jockey pump head | 60 m | 60m | M/R |
| | <ul style="list-style-type: none"> Standby Pump out put | 1800LPM | 1800 LPM | MR |
| | <ul style="list-style-type: none"> Standby Pump Head | 60 mtr | 60m | MR |
| | <ul style="list-style-type: none"> Auto Starting/ Manual stopping | Required | Provided | MR |
| | <ul style="list-style-type: none"> Pump House Access | Required | Provided | MR |
| | <ul style="list-style-type: none"> Terrace level | | | |
| | <ul style="list-style-type: none"> Discharge of pump | NA | NA | NA |
| | <ul style="list-style-type: none"> Head of the pump | NA | NA | NA |
| | <ul style="list-style-type: none"> Power Supply | NA | NA | NA |
| | <ul style="list-style-type: none"> Auto Starting of pump | NA | NA | NA |
| 14 | Captive Water Storage for fire fighting. | | | |

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|----|---|------------|------------|----|
| 15 | <ul style="list-style-type: none"> Underground tank capacity Draw-off connection Fire service inlet Access to tank Overhead Tank capacity | 50,000ltrs | 50,000ltrs | MR |
| | | Required | Provided | MR |
| | | Required | Provided | MR |
| | | Required | Provided | MR |
| | | NA | NA | NA |
| | | Required | Provided | MR |
| 15 | Exit Signage. | | | |
| 16 | <ul style="list-style-type: none"> Pressurization of Lift Shaft Pressurization of Lift lobby Communication In lift Car Fireman's Grounding Switch Lift Signage | NA | NA | NA |
| | | NA | NA | NA |
| | | Required | Provided | MR |
| | | Required | Provided | MR |
| | | Required | Provided | MR |
| | | Required | Provided | MR |
| 17 | Standby power supply | | | |
| 18 | Refuge Area. | NA | NA | NA |
| | | Total Area | NA | NA |
| | | Location | NA | NA |
| 19 | <ul style="list-style-type: none"> Detector System Panel Flow Switch Panel PA System Panel Battery backup Building Floor Plans | Required | Provided | MR |
| | | NA | NA | NA |
| | | Required | Provided | MR |
| | | Required | Provided | MR |
| | | NA | NA | NA |
| | | Required | Provided | MR |
| 20 | Special Fire Protection Systems for Protection of special Risks, if any: | | | |

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/2022/SZ/07 dated 05.01.2022, renewal under rule 37 of the Delhi Fire Service rules, 2010 is recommended.

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

[Handwritten Signature]
25/10/2024

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

[Handwritten Signatures]

CTO (RHS)
[Handwritten Signature]
28/10/2024

Director
[Handwritten Signature]
28/10/24