

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

No F 6 / DFS / MS / 2018 / W2/2314

Dated 12/10/2018

FIRE SAFETY CERTIFICATE

Certified that the **Delhi Metro Rail Corporation Ltd at Rohini Sector-18 Elevated Metro Station of Line 2 Ext., Delhi** comprised of **Ground + Concourse + Platform** owned/ occupied by **Delhi Metro Rail Corporation Ltd.** was granted NOC by this department vide letter no. **F6/DFS/MS/2015/DMRC/WZ/1303 dated 21/07/2015.** The premises was re-inspected by the officers concerned of this department on **28.09.2018** in the presence of **Mr. Puskar Singh, Sr. Fire Inspector** and found that the building/premise have deemed complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and the building/ premises is fit for **occupancy class 'D' Assembly Building less than 15 mtr** with effect from 12/10/18 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.

Conditions for the validity of Fire Safety Certificate:

1. All the fire safety arrangement provided there-in shall be maintained in good working conditions at all times.
2. Loss of life or property due to non functional fire safety measure shall be at the responsibility of the management.
3. The trained fire fighting staff should be available round the clock.
4. Any deviation with regard to the construction etc shall be verified by the concerned building sanctioning agency.
5. This certificate cannot be treated in any case for regularizations of unauthorized construction.
6. The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director of Form 'J' [sub rule (1) of rule 37] along with a copy of this Certificate, six months prior to its expiry".
7. 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
8. All the means of escape shall be kept free of any obstruction all the time to evacuate the occupant, in a safe manner, in the event of emergency.

Issued on ... 12.10.18 at New Delhi by

(Atul Garg)

Chief Fire Officer
Ph-011-23414250

Copy to:-

1. Sh. Rajesh Agrawal, JGM/E&M, Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-110001.

N18

INSPECTION REPORT

1. Name & address of the building :Delhi Metro Rail Corporatin Ltd, Rohini Sector-18 Elevated Metro Station of Line 2 Ext., Delhi.
2. Type of Occupancy : Assembly
3. Type of Case :Renewal (Ground Level + Concourse Level + Platform Level)
4. Details of previous NOC : F6/DFS/MS/2015/DMRC/WZ/1303 Dated 21/07/2015
5. Fire Safety directives letter No : F6/DFS/MS/BP/2013/258 dated 30.08.2013.
6. Date of inspection : 28.09.2018
7. Name of the Inspecting Officers : ADO (RN)
8. Name and designation of officers from the building side : Mr. Puskar Singh, Senior Fire Inspector
9. Year of Construction :2013
10. Applicant's letter No. :DMRC/O&M/Fire/NOC/L2/2018/14 dated: 20.08.2018

| 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 | 21m | 21m | MR |
| | • Gate width | 5 m | NA | NA |
| | • Width of internal road | NA | NA | NA |
| 2 | Number, Width, Type & Arrangement of Exits | | | |
| | a. Number of staircases | | | |
| | • Upper Floors | 04nos Concourse of platform | Provided | MR |
| | • Basements | 04 nos..ground to Concourse | NA | NA |
| | b. Width of staircases | | | |
| | • Upper Floors concourse to platform | 3.8 x 2 no's 2.05 x 2 no;s | Provided Provided | MR |
| | • 02 s/c concourse to ground | 3.85 x 1 & 1.47 x 1 | Provided | |
| | • 02 s/c platform to street 1.8 x2 | for future Extn. | NA | NA |
| | • 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 |
| | e. Width of Corridor | NA | NA | NA |
| | f. Door Size | 1.0m | 1.0m | MR |

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|----|---|--|--|-----|
| 3 | Compartmentation. | | | |
| | <ul style="list-style-type: none"> • Fire check door | Required | Provided | MR |
| | <ul style="list-style-type: none"> • Sealing of electrical shafts | Required | Provided | MR |
| | <ul style="list-style-type: none"> • Fire Rating of shaft door | Required | Provided | MR |
| | <ul style="list-style-type: none"> • Water Curtain | NA | NA | NA |
| | <ul style="list-style-type: none"> • Fire Dampers | N/A | N/A | N/A |
| 4 | Smoke Management System. | | | |
| | <ul style="list-style-type: none"> • Basements | 30ACPH | NA | NA |
| | <ul style="list-style-type: none"> • Upper floors | 12ACPH | Natural Ventilated | MR |
| 5 | Fire Extinguishers | | | |
| | <ul style="list-style-type: none"> • Total numbers | 20nos | 30 nos | MR |
| | <ul style="list-style-type: none"> • Types | ISI marked | Provided | MR |
| | <ul style="list-style-type: none"> • IS marking | Required | Provided | MR |
| 6 | First-Aid Hose Reels. | | | |
| | <ul style="list-style-type: none"> • Total numbers on each floor | 06 on each platform 04 on Concourse/ Plat form | 06 on each platform 04 on Concourse/ Plat form | MR |
| | <ul style="list-style-type: none"> • Length of hose reel hose | 45m 25mm | 45m 25mm . | |
| | <ul style="list-style-type: none"> • Nozzle diameter | 45m | 45m | MR |
| | | 5mm | 5mm | MR |
| 7 | Automatic fire detection and alarming system. | | | |
| | <ul style="list-style-type: none"> • Type of detectors | Smoke | 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 |

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|----|---|-------------|-------------------|-----|
| 11 | Internal Hydrants | | | |
| | • Size of riser/down-comer | 150mm | 150mm | MR |
| | • Number of hydrants per floor | Required | Same as col. no 6 | MR |
| | • Hose Box | Required | Same as col. no 6 | MR |
| 12 | Yard Hydrants. | | | |
| | • Total number of hydrants | 02 | 02 | 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 mtr | 70m | MR |
| | ➤ Number of main pumps | 01 | 01 | MR |
| | ➤ Jockey Pump out put | 180 LPM | 180 LPM | MR |
| | ➤ Jockey pump head | 70 m | 70m | M/R |
| | ➤ Standby Pump out put | 1800LPM | 1800 LPM | MR |
| | ➤ Standby Pump Head | 70 mtr | 70m | MR |
| | ➤ Auto Starting/ Manual stopping | Required | Provided | MR |
| | ➤ Pump House Access | Required | Provided | MR |
| | • Terrace level | | | |
| | ➤ Discharge of pump | NA | NA | NA |
| | ➤ Head of the pump | NA | NA | NA |
| | ➤ Power Supply | NA | NA | NA |
| | ➤ Auto Starting of pump | NA | NA | NA |
| 14 | Captive Water Storage for fire fighting. | | | |
| | • Underground tank capacity | 50,000ltrs | 50,000ltrs | MR |
| | ➤ Draw-off connection | Required | Provided | MR |
| | ➤ Fire service inlet | Required | Provided | MR |
| | ➤ Access to tank | Required | Provided | MR |
| | • Overhead Tank capacity | 10,000 ltrs | 10,000 ltr. | MR |
| 15 | Exit Signage. | Required | Provided | MR |
| 16 | Provision of Lifts. | | | |
| | • Pressurization of Lift Shaft | NA | NA | NA |

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| | | | | |
|----|--|----------|----------|----|
| | • Pressurization of Lift lobby | NA | NA | NA |
| | • Communication In lift Car | Required | Provided | MR |
| | • Fireman's Grounding Switch | Required | Provided | MR |
| | • Lift Signage | Required | Provided | MR |
| 17 | Standby power supply | Required | Provided | MR |
| 18 | Refuge Area. | | | |
| | ➤ Total Area | NA | NA | NA |
| | ➤ Location | NA | NA | NA |
| 19 | Fire Control Room | | | |
| | • Detector System Panel | Required | Provided | MR |
| | • Flow Switch Panel | NA | NA | NA |
| | • PA System Panel | Required | Provided | MR |
| | • Battery backup | Required | Provided | MR |
| | • Building Floor Plans | NA | NA | NA |
| 20 | Special Fire Protection Systems for Protection of special Risks, if any: | NA | NA | NA |

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

Keeping in view of satisfactory compliance of the minimum standards on fire prevention and fire safety required under the rules and fire safety guidelines issued vide letter of even no. 1303 dated 21.07.2015, it is recommended to issue Fire Safety Certificate under rule 2010.

Handwritten signatures and notes:
 Dy CFO (W2)
 CFO West
 CFO West
 Approved, f.t. letter is pending for your signature PI
 11/10/18
 11/10

14/5/18
 Signature of the Inspecting Officer
 Name: - Rajesh Kumar
 Designation:- ADO/RN