

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI  
HEADQUARTERS: DELHI FIRE SERVICE: CANNAUGHT PLACE  
NEW DELHI- 110 001

No.F.6/DFS/MS/Metro/2022/NDZ/259

Dated: 14/06/2022

**FIRE SAFETY CERTIFICATE**

Certified that the Karkardooma Elevated Metro Station Building Line-7, Delhi. The building comprised of ground level, 1<sup>st</sup> PD level, 2<sup>nd</sup> PD level, concourse level and platform level owned/occupied by Delhi Metro Rail Corporation was issued FSC vide letter No. F.6/DFS/NDZ/2018/1647 dated 16/07/2018. The premises was re-inspected by the officer concerned of this department on dated 24/05/2022 in the presence of Mr. Sanyam Jain, AM/Fire and observed that all the fire prevention and fire safety arrangements provided in the premises found in good working condition. The premises have therefore deemed complied with rule 33 of Delhi Fire Service Rule 2010 and found that the building/premises is fit for occupancy 'Assembly' (class "D") with effect from 14/06/2022... 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 & also conditions printed below.

**Note:- This Fire Safety Certificate does not cover the PD Area.**

Issued on 14/06/2022 at New Delhi by

  
10/6/22

(Dr. S. K. Tomar)  
Dy. Chief Fire Officer

To:-

Sr. DGM/E&M  
Metro Bhawan, Fire Brigade Lane  
New Delhi 110001

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

1. All the means of escape shall be kept free of all type of obstruction all the time.
2. All the employees shall be acquainted with the use and maintenance of all fire equipment and method of smooth and speedy safe evacuation of occupants in case of emergency.
3. All the fire fighting equipment 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. Any deviation, with regards to construction, ventilation, occupancy, electric installation etc. may be got verified from the concerned authorities.
5. This Fire Safety Certificate may not be treated in any case for regularizations of unauthorized construction /unauthorized use of land if any.
6. 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](http://www.dfs.delhigovt.nic.in)
7. The owner / occupier shall apply for renewal of this Fire Safety Certificate of the Director in Form 'J' [sub rule (1) of rule (37)] along with a copy of this Certificate, Six Months prior to its expiry

### INSPECTION REPORT

1. Name & address of the building : Karkardooma Elevated Metro Station Building  
L-7 Delhi
2. Building is comprised of : Road Level +1<sup>st</sup> PD level + 2<sup>nd</sup> PD level +  
Concourse Level + Platform level
3. Type of Occupancy : Assembly Building
4. Type of Case : Renewal
5. Details of Previous NOC letter : F.6/DFS/NDZ/2018/1647 dt 16/07/2018 ✓
6. Fire Safety direction letter No. : Directive No. F.6/DFS/MS/BP/2013/162  
dated 02/07/13
7. Date of Inspection : 24/05/2022 ✓
8. Name of the Inspecting officers : ADO (Shd.)
9. Name and designation of Officer  
from the building side : Mr. Sanyam Jain, (AM/Fire) &  
Mr. Pranjal Panwar (Fire Safety Officer)
10. Year of Construction : 2018
11. Applicant's email ID : sanyam.dmr@gmail.com dated 25/04/2022

Sr. No.	Minimum Standards on Fire Prevention and Fire Safety U/R33	Directive Requirement	Provided at Site	Remarks MR, NMR
01	Access to Building			
	<ul style="list-style-type: none"> <li>• Road width</li> </ul>	6 m	16 m wide main road	MR
		N/A	N/A	N/A
	<ul style="list-style-type: none"> <li>• Gate width</li> <li>• Width of internal road</li> </ul>	N/A	N/A	N/A
02	Number, Width, Type and Arrangement of Exits			
	a. Number of Staircases			
	<ul style="list-style-type: none"> <li>• Upper floor</li> <li>• Basement</li> </ul>	6 nos.	6 nos.	MR
		N/A	N/A	N/A
	B. Width of Staircases			
	<ul style="list-style-type: none"> <li>• Upper floor</li> </ul>	06	(2.40 mtr -01), (2.78 mtr -01) Ground to concourse (03 mtr-04). Concourse to platform	MR, 50% Cap. Of Escalators is counted for evacuation in (NFPA)
	<ul style="list-style-type: none"> <li>• Basement</li> </ul>	N/A	N/A	N/A
	c. Protection of Exits			
	<ul style="list-style-type: none"> <li>• Fire check door</li> <li>• Pressurization</li> </ul>	Required	Provided	MR
		N/A	N/A	N/A
	d. No. of Continuous Staircases to Terrace	N/A	N/A	N/A
	e. Width of Corridor	1.5 mtr	1.5 mtr	MR
	f. Door Size	02 mtr	2 mtr & 1.5 mtr	MR
03	Compartmentation.			
	<ul style="list-style-type: none"> <li>• Fire check door</li> <li>• Sealing of electrical shafts</li> <li>• Fire rating of shaft door</li> <li>• Water curtain</li> <li>• Fire dampers</li> </ul>	Required	Provided	MR
		Required	Provided	MR
		2 hrs.	2 hrs.	MR
		N/A	N/A	N/A
		N/A	N/A	N/A
04	Smoke Management System.			
	<ul style="list-style-type: none"> <li>• Basement</li> <li>• Upper floor</li> </ul>	N/A	N/A	N/A
		N/A	Natural/Ventilated	MR
05.	Fire Extinguishers			
	<ul style="list-style-type: none"> <li>• Total numbers</li> <li>• Types</li> <li>• IS marking</li> </ul>	31 nos.	32 nos.	MR
		ABC /CO <sub>2</sub>	ABC /CO <sub>2</sub>	MR
		ISI marked	ISI marked	MR

06	First-Aid-Hose Reels.			
	Total numbers on each floor	3 nos. concourse level 4 nos. platform level	3 nos. concourse level 4 nos. platform level	MR
	• Length of hose reel hose	45 m	45 m	MR
	• Nozzle diameter	6.5 mm	6.5 mm	MR
07	Automatic Fire Detection and Alarming System.			
	• Type of detectors	Heat or Smoke	Provided	MR
	• Location of main panel	Concourse	Concourse	MR
	• Location of repeater panel	Concourse	Concourse	MR
	• Alternate source of power	Battery & DG Set	Provided	MR
	• Hooter	N/A	N/A	N/A
08	MOEFA	Required	Provided	MR
09	Public Address System.	Required	Provided	MR
10	Automatic Sprinkler System.			
	• Basement	N/A	N/A	N/A
	• 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	100 mm	MR
	• Number of hydrants per floor	05 nos. on road level 03 nos. concourse level 04 nos. platform level	05 nos. on road level 03 nos. concourse level 04 nos. platform level	MR
	• Hose box	03 nos.	03 nos.	MR
12	Yard Hydrants.			
	• Total number of hydrants	02 nos.	02 nos.	MR
	• Hose box	02 nos.	02 nos.	MR
13	Pumping Arrangements.			
	➤ Ground Level			
	• Discharge of main pump	2850 LPM	2850 LPM	MR
	• Head of main pump	70m	70m	MR
	• Number of main pumps	01 no.	01 no.	MR
	• Jockey pump out put	180 Lpm	180 Lpm	MR
	• Jockey pump head	70m	70m	MR
	• Standby pump out put	2850 LPM	2850 LPM	MR
	• Standby pump head	70m	70m	MR
	• Auto starting /manual stopping	Auto	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	Required	Provided	MR
	• Auto starting of pump	Required	Provided	MR
14	Captive Water Storage for Fire Fighting.			
	• Underground tank capacity	1,00,000 Ltrs.	1,00,000 Ltrs.	MR
	• Draw-off connection	Required	Provided	MR
	• Fire service inlet	Required	Provided	MR
	• Access to tank	Required	Provided	MR
	• Overhead tank capacity	10,000 Ltr.	10,000 Ltr.	MR
15	Exit Signage.	Required	Provided	MR

MR  
MR  
MR  
MR  
MJ  
N  
N

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	Required	Provided	MR
	• Flow switch panel	N/A	N/A	N/A
	• PA system panel	Required	Provided	MR
	• Battery backup	Required	Provided	MR
	• Building floor plans	Required	Provided	MR
20	Special Fire Protection Systems for Protection of Special Risks, if Any:	Required	Provided	MR

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

Keeping in view the deemed compliance of the minimum standards on fire prevention and fire safety measures as required under the rule the FSC issued vide letter No. F.6/DFS/NDZ/2018/1647 dated 16/07/2018 renewal under rule 35 of the Delhi Fire Service Rules 2010 is recommended.

*Deepak* 25/05/2022  
Signature of the inspection Officer  
Name :- Deepak Kumar  
Designation :- A.D.O (Shd)

Pl. re-check UGWST Capacity

DO(ED) *AKS*  
26/05/2022

AZO/ Shakti

~~20/05/2022~~ Sir, I have checked, found ~~50,000~~  
50,000 + 50,000 binkar connected UGWST



*Deepak* 27/05/2022

DO(ED) *AKS*  
30/05/2022

Dy. CFC/(NDZ)

*F. Tomar*  
30/05/22

A. D. O (Shd)