

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE: CONNAUGHT PLACE

NEW DELHI-110 001.

No.F.6/DFS/MS/Assembly(UG)/2024/SZ/ 422

Dated: 01/07/2024

FIRE SAFETY CERTIFICATE

Certified that the **Krishna Park Extension Underground Metro Station**, Line No.-8, New Delhi-110043, comprised of Ground, Concourse level, Platform level Undercroft level & ancillary building floor owned/occupied by Delhi Metro Rail Corporation Ltd. was inspected by the officers concerned of this department on 24.06.2024 in the presence of Sh. Rajeev Saxena (AGM) & others staff and found that the metro station building have Complied with the fire prevention and fire safety requirements in accordance with the 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 01/07/2024 the date of issue of this certificate 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 printed as below.

Issued on..... 01/07/2024 at New Delhi.


(Atul Garg)
Director
Delhi Fire Service
o/c h

Copy to:-

Delhi Metro Rail Corporation Ltd, Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-110001.

Following fire safety directives must be adhered to:-

1. All the fire safety arrangements provided therein shall be maintained in good working condition at all times.
2. The means of escape shall be kept unlocked and unobstructed for unhindered evacuation of occupants in case of emergency.
3. Any loss of life or property due to non-functional fire safety measures shall be at the risk and responsibility of the management.
4. The trained staff should be available round the clock.
5. Any deviations w.r.t. construction shall be verified by the concerned building sanctioning agency.
6. The certificate may not be treated in any case for the regularization of the unauthorized construction, if any.
7. Basement shall be used as per the building bye laws/NFPA.
8. The owner/occupier shall submit a declaration every year in the form 'K' provided in the first schedule of Delhi Fire Service Rules 2010, form is available on www.dfs.delhigovt.nic.in.
9. The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director in the Form 'J' [sub rule (1) of rule 37] along with a copy of this Certificate, six months prior to its expiry.

- N/S
1. Name & address of the building : Krishna Park Extension Underground Metro Station, Line No.-8, New Delhi-110043.
 2. Building is comprised of : ground floor, Concourse, Platform level, Undercroft level
 3. Type of Occupancy : Assembly building D-7 (Metro Station)
 4. Type of Case : New
 5. Details of Previous FSC letter : Nil
 6. Fire safety direction letter No. : F.6/DFS/MS/BP/2020/453 dated 27.11.2020
 7. Date of Inspection : 24.06.2024
 8. Name of the Inspecting officers : DO Vedpal Chhikara & ADO R.K. Yadav
 9. Name and designation of Officer from the building side : Sh. Rajeev Saxena
 10. Year of Construction : 2023-24
 11. Applicant's letter No : DMRC/Elect/PH4/UG-1/640 dated 14.06.2024

Sr. No.	Minimum Standards on Fire Prevention and Fire Safety U/R33	NPFA Requirement	Provided at Site	Remarks MR/NMR
01	Access to Building			
	• Road width	06 m	06 m	MR
	• Gate width	N/A	Directly accessible from road	MR
	• Width of internal road	N/A	N/A	N/A
02	Number, Width, Type and Arrangement of Exits			
	a. Number of Staircase			
	• Ground to Concourse	02 nos.	Provided	MR
	• Concourse to Platform	02 nos.	Provided	MR
	• Concourse to Under Croft	02 Nos.	Provided	MR
	• Plinth to Concourse	01 no.	Provided	MR
	• Ancillary to plinth level/Fireman Staircase	03 Nos.	Provided	MR
	B. Width of Staircases			
	• Ground to Concourse	2.40 m each	Provided	MR
	• Concourse to Platform	2.40 m each	Provided	MR
	• Concourse to Under Croft	1.5 M each	Provided	MR
	• Plinth to Concourse	1.5 m	Provided	MR
	• Ancillary to plinth level/Fireman Staircase	1.2 m each	Provided	MR
	c. Protection of Exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Required in fireman staircase	Provided	MR
	d. No. of Continuous Staircases to Terrace	N/A	N/A	N/A
	e. Width of Corridor	N/A	N/A	N/A
	f. Door Size	1.0 M	Provided	MR
03	Compartmentation.			
	• Fire check door	Required	Provided	MR
	• Sealing of electrical shafts	Required	Provided	MR
	• Fire rating of shaft door	Required	Provided	MR
	• Water curtain	N/A	N/A	N/A
	• Fire dampers	Required	Provided	MR
04	Smoke Management System.			
	• Basement	Required	Provided	MR
	• Upper floor	N/A	N/A	N/A
05.	Fire Extinguishers			
	Total No	83 Nos.	83 Nos. Provided	MR
	Types	ABC& CO2	Provided	MR
	ISI Marking	Required	Provided	MR

6	First-Aid-Hose Reels.			
	Total numbers on each floor level	Platform-08, concourse-08, Ancillary -02 nos.	Provided	MR
	• Length of hose reel hose	30 mtr	Provided	MR
	• Nozzle diameter	05 mm	Provided	MR
07	Automatic Fire Detection and Alarming System.			
	<ul style="list-style-type: none"> Type of detectors Location of main panel Location of repeater panel Alternate source of power Hooter 	Smoke	Provided	MR
		Stn. Control room	Provided	MR
		Required	Fireman Scase	MR
		Required	Provided	MR
		Required	All areas	MR
		Required	Provided	MR
08	MOEFA	Required	Provided	MR
09	Public Address System.			
10	Automatic Sprinkler System.			
	<ul style="list-style-type: none"> Trackside Store Cleaners Room 	Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
11	Internal Hydrants			
	<ul style="list-style-type: none"> size of riser/down-comer Number of hydrants per floor Hose box 	150 mm	Provided	MR
		Platform-09, concourse-08, Ancillary -02	Provided	MR
		Required	Provided	MR
12	Yard Hydrants.			
	<ul style="list-style-type: none"> Total number of hydrants Hose box 	Required	Provided	MR
		Required	Provided	MR
13	Pumping Arrangements.			
	➤ Ground Level			
	<ul style="list-style-type: none"> Discharge of main pump Head of main pump Number of main pumps Jockey pump out put Jockey pump head Standby pump out put Standby pump head Auto starting /manual stopping Pump house access 	2850 LPM	Provided	MR
		90 m	Provided	MR
		02 nos	Provided	MR
		2X189 LPM	Provided	MR
		90 m	Provided	MR
		2x2850 LPM	Provided	MR
		90 m	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		➤ Terrace Level		
	<ul style="list-style-type: none"> Discharge of pump Head of the pump Power supply Auto starting of pump 	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	Captive Water Storage for Fire Fighting.			
	<ul style="list-style-type: none"> Underground tank capacity Draw-off connection Fire service inlet Access to tank Overhead tank capacity 	N/A	N/A	N/A
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		2,00,000 ltrs	2,00,000 ltrs	MR
		Required	Provided	MR
15	Exit Signage.	Required	Provided	MR

Provision of Lifts

MR
MR
MJ

	• 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	Required	Provided	MR
	• PA system panel	Required	Provided	MR
	• Battery backup	Required	Provided	MR
	• Building floor plans	N/A	N/A	N/A
20	Special Fire Protection Systems for Protection of Special Risks, if Any:	Clean agent flooding system for transformer & LT panels	Provided	MR

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

Keeping in view of the above compliance of the minimum standards of fire prevention and fire safety measures under rule 35 of the Delhi Fire Service Rules 2010, Fire Safety Certificate is recommended.

Accordingly, DFA is put up for kind approval please.

R. K. Yadav
 Signature of the Inspecting Officer
 Name : R. K. Yadav
 Designation : ADO(JKP)

Vedpal Chhikara
 Signature of the Inspecting Officer
 Name : Vedpal Chhikara
 Designation : Divisional Officer (SW)

CFD/S2

Vinod
 25/6/2024
 Director
 25/6/24

F.T. letter is added for sign
 DIRECTOR
 25/6/24
 me
 1/7/24
 D.O(S.W)