

No. F6/DFS/MS/Metro/WZ/2024/ 467

Dated:- 23/07/2024

FIRE SAFETY CERTIFICATE

Certified that the Paschim Vihar (East) Elevated Metro Station (Line- 5) Located at Paschim Vihar, Delhi, comprised of Ground floor, Concourse Level & Platform Level owned/occupied by Delhi Metro Rail Corporation Ltd. was issued Fire Safety Certificate by this department vide letter no. F6/DFS/MS/Metro/2021/WZ/536 dated 29/10/2021. The said building/Premises was re-inspected by the officer concerned of this department on 12/07/2024 in the presence of Sh. Sudhanshu Mudgil (Sr. Fire Inspector) and found that the premises 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 building is fit for occupancy Class Group – D 'Assembly' with effect from 23/07/2024 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 printed below.

Issued on 23/07/2024 at New Delhi by

(Atul Garg)
Director

Tel.No. 011-23414000

Copy to:-

1. Sh. Malay Saha (Chief General Manager), Metro Bhawan, 13 Fire Brigade Lane, Barakhamba Road, New Delhi-110001.

Following fire safety directive must be adhered to:-

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 equipments and method of smooth and speedy safe evacuation of occupants in case of emergency.
3. All the fire fighting equipments shall be maintained in perfect working condition all the time and any lapse rendering non-functional if fire safety measures, management shall be responsible.
4. Any deviation, with regards to construction, ventilation, occupation, electric installation etc. may be got verified from the concerned authorities.
5. The Fire Safety Certificate may not be treated in any case for regularizations of unauthorized construction / unauthorized use of land if any.
6. All comments / directions of licensing Department shall always be permitted and followed.
7. 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
8. The owner / occupier shall apply for renewal of this Fire Safety Certificate to the Director in 'Form J' (sub Rule (1) of Rule 37) along with copy of the certificate, six months prior to its expiry.

INSPECTION REPORT

1. Name & address of the building: **Paschim Vihar (East) Elevated Metro Station (Linc-5)** located at **Paschim Vihar, Delhi**
2. Type of Occupancy : Assembly (Metro Station)
3. Type of Case : Renewal, Ground + Concourse Level & Platform Level
4. Details of previous NOC : F6/DFS/MS/Metro/2021/WZ/536 dated 29/10/2021
5. Fire Safety directives Letter No. : F6/DFS/MS/BP/2008/121 dated 16/01/2008
6. Date of inspection : 12/07/2024
7. Name of the Inspecting Officer : Aman Kumar Lathar, ADO (JWP)
8. Name and designation of Officer from the building side : Sh. Sudhanshu Mudgil (Sr. Fire Inspector)
9. Year of Construction :2007-08
10. Applicant's letter No. : DMRC/O&M/FIRE/NOC/L-5/2024/02 dated 24/06/2024

S No	Minimum standards on fire prevention and fire safety U/R 33	NFPA/NBC Requirements/as per FSC dated 29/10/2021	Provided at site	Remarks MR/NMR
1.	Access of building			
	<ul style="list-style-type: none"> • Road width • Gate width • Width of internal road 	<ul style="list-style-type: none"> On Main Road 05 m NA 	<ul style="list-style-type: none"> On Main Road On Main Road NA 	<ul style="list-style-type: none"> MR MR NA
2.	Number, width, Type & Arrangements of exits			
	<ul style="list-style-type: none"> a. Number of staircases • Upper floors • Basements b. Width of staircases • Upper floors • Basements c. Protection of exits • Fire check door • Pressurization d. No of continuous staircase to terrace e. Width Of Corridor f. Door Size 	<ul style="list-style-type: none"> 02 + 04 NA Ground to Concourse- 02 m x 2, Concourse to PF- 04 m x 2 & 02 m x 2 NA Required NA NA 1.5 m 1 m 	<ul style="list-style-type: none"> Provided NA Ground to Concourse- 2.20 m x 2, Concourse to PF- 4.20 m x 2 & 02 m x 2 NA Provided NA NA Hall Provided 	<ul style="list-style-type: none"> MR NA MR NA MR NA MR MR
3.	Compartmentation			
	<ul style="list-style-type: none"> • Fire check door • Sealing of electrical shafts • Fire Rating of shaft door • Water Curtain • Fire Dampers 	<ul style="list-style-type: none"> Required Required Required NA NA 	<ul style="list-style-type: none"> Provided Provided Provided NA NA 	<ul style="list-style-type: none"> MR MR MR NA NA
4.	Smoke managements System			
	<ul style="list-style-type: none"> • Basements • Upper floors 	<ul style="list-style-type: none"> NA NA 	<ul style="list-style-type: none"> NA NA 	<ul style="list-style-type: none"> NA NA
5.	Fire Extinguishers			
	<ul style="list-style-type: none"> • Total numbers • Types • IS marking 	<ul style="list-style-type: none"> 20 nos. ABC, CO2 ISI marked 	<ul style="list-style-type: none"> 30 nos. Provided Provided 	<ul style="list-style-type: none"> MR MR MR

6.	First – Aid Hose Reels			
	• Total numbers on each floor	02 & 04	Provided	MR
	• Length of hose reel hose	45 m	Provided	MR
	• Nozzle diameter	6.5 mm	Provided	MR
7.	Automatic fire detection and alarming system			
	• Type of detectors	Smoke	Provided	MR
	• Location of Main Panel	Required	Provided	MR
	• Location of Repeater Panel	Required	Provided	MR
	• Alternate source of power	Required	Provided	MR
	• Hooters' Location	Required	Provided	MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	• Basements	NA	NA	NA
	• Upper Floor	Required in PD area	Provided	MR
	• Sprinkler above false ceiling	NA	NA	NA
11.	Internal Hydrants:			
	• Size of riser/down- comer	150 mm	Provided	MR
	• Number of hydrants per floor	02 & 04	Provided	MR
	• Hose Box	Required	Provided	MR
12.	Yard Hydrants			
	• Total number of hydrants	Required	Provided	MR
	• Hose Box	Required	Provided	MR
13.	Pumping Arrangements:			
	• Ground Level			
	➤ Discharge of main pump	1800 lpm	Provided	MR
	➤ Head of main pump	70 m	Provided	MR
	➤ Number of main pumps	01	Provided	MR
	➤ Jockey pump out put	180 lpm	Provided	MR
	➤ Jockey pump head	70 m	Provided	MR
	➤ Standby Pump out put	1800 lpm	Provided	MR
	➤ Standby Pump Head	70 m	Provided	MR
	➤ Auto Staring/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:			
	➤ Under ground tank capacity	50,000 ltrs.	Provided	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.	Provided	MR
15	Exit Signage	Required	Provided	MR
16.	Provision of Lifts			
	➤ Pressurization of Lift Shaft	NA	NA	NA
	➤ 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;	NOVEC - 1230 flooding for ASS HT, LT Panel	NOVEC - 1230 flooding for ASS HT, LT Panel	MR

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

Keeping in view of the deemed compliance of the minimum standards of fire prevention and fire safety requirements under the rules, renewal of Fire Safety Certificate issued vide letter no. F6/DFS/MS/Metro/2021/WZ/536 dated 29/10/2021 is recommended under rules 37 of the Delhi Fire Service rules 2010 under the DFS Act 2007.

Accordingly DFA is prepared & put up for approval please.

~~DCFO (w2)~~

~~Amrita~~
13/07/24
Aman Kumar Lathar
ADO (JWP)

~~15/7~~

~~cto~~
16/7/2024

~~Director~~
13/07/24
Amrita

321
dated... 15/7/2024

Sir,
F.T. letter is added for your signature 15/7

~~Director~~
19/7/24

~~Amrita~~
19/07/24
ADO (JWP)