



No. F6/DFS/MS/Metro/WZ/2024/ 150

Dated:- 08/03/2024

FIRE SAFETY CERTIFICATE

Certified that the Tikri Kalan Metro Station (Elevated) Located at Tikri Kalan, New Delhi-110041 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/309 dated 08/07/2021. The said building/Premises was re-inspected by the officer concerned of this department on 05/03/2024 in the presence of Sh. Rajesh Maan (Sr. Section Engineer) & Sh. Sudhanshu Mudgal (Fire Supervisor) 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' (Except PD Area) with effect from 08/03/2024.. 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 08/03/2024..... 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: **Tikri Kalan Metro Station (Elevated)** located at **Tikri Kalan, Delhi-110041.**
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/309 dated 08/07/2021**
5. Fire Safety directives Letter No. : **F6/DFS/MS/BP/2013/334 dated 11/11/2013**
6. Date of inspection : **05/03/2024**
7. Name of the Inspecting Officer : **Aman Kumar Lathar, ADO (JWP)**
8. Name and designation of Officer from the building side : **Sh. Rajesh Maan (Sr. Section Engineer) & Sh. Sudhanshu Mudgal (Fire Supervisor)**
9. Year of Construction : **2017-18**
10. Applicant's letter No. : **DMRC/O&M/FIRE/NOC/L-5/2024/03 dated 05/02/2024**

S No	Minimum standards on fire prevention and fire safety U/R 33	NFPA/NBC Requirements/as per FSC dated 08/07/2021	Provided at site	Remarks MR/NMR
1.	Access of building			
	• Road width	On Main Road	On Main Road	MR
	• Gate width	05 m	On Main Road	MR
	• Width of internal road	NA	NA	NA
2.	Number, width, Type & Arrangements of exits			
	a. Number of staircases	02 + 04	Provided	MR
	• Upper floors	NA	NA	NA
	• Basements			
	b. Width of staircases	02 m	GF to CC – 3.93 m x 1 & 2.80 m to 3.96 m x 1 (Width Varying) CC to PF – 3.60 m x 4	MR
	• Upper floors	NA	NA	NA
	• Basements			
	c. Protection of exits	Required	Provided	MR
	• Fire check door	NA	NA	NA
	• Pressurization	NA	NA	NA
	d. No of continuous staircase to terrace	NA	NA	NA
	e. Width Of Corridor	1.5 m	Hall	MR
	f. Door Size	1 m	Provided	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	NA	NA	NA
4.	Smoke managements System			
	• Basements	NA	NA	NA
	• Upper floors	NA	NA	NA

5.	Fire Extinguishers			
	<ul style="list-style-type: none"> Total numbers Types IS marking 	20 Nos. ABC, CO2 ISI marked	30 nos. Provided Provided	MR MR MR
6.	First – Aid Hose Reels			
	<ul style="list-style-type: none"> Total numbers on each floor Length of hose reel hose Nozzle diameter 	02 45 m 6.5 mm	GF – 02 CC – 03 PF - 04 Provided Provided	MR MR MR
7.	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 Hooters' Location 	Smoke Required Required Required Required	Provided Provided Provided Provided Provided	MR MR MR MR MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	<ul style="list-style-type: none"> Basements Upper Floor Sprinkler above false ceiling 	NA NA NA	NA NA NA	NA NA NA
11.	Internal Hydrants:			
	<ul style="list-style-type: none"> Size of riser/down- comer Number of hydrants per floor Hose Box 	150 mm 02 Required	Provided GF – 02 CC – 03 PF - 04 Provided	MR MR MR
12.	Yard Hydrants			
	<ul style="list-style-type: none"> Total number of hydrants Hose Box 	Required Required	Provided Provided	MR MR
13.	Pumping Arrangements:			
	<ul style="list-style-type: none"> Ground Level 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 Staring/Manual stopping Pump House Access Terrace level Discharge of pump Head of the pump Power supply Auto starting of pump 	1800 lpm 70 m 01 180 lpm 70 m 1800 lpm 70 m Required Required NA NA NA NA	Provided Provided Provided Provided Provided Provided Provided Provided Provided Provided NA NA NA NA	MR MR MR MR MR MR MR MR MR MR NA NA NA NA
14.	Captive water Storage for fire fighting:			
	<ul style="list-style-type: none"> Under ground tank capacity Draw off connection Fire service inlet Access to tank Overhead Tank capacity 	50,000 ltrs. Required Required Required 10,000 ltrs.	Provided Provided Provided Provided Provided	MR MR MR MR MR
15.	Exit Signage	Required	Provided	MR
16.	Provision of Lifts			
	<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 Required Required Required	NA NA Provided Provided Provided	NA NA MR MR 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;	Required	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 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/309 dated 08/07/2021 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.

~~ACFO (2)~~

~~6/3~~

~~Cfo~~

~~Director~~

~~Q. M. T. A.~~
06/08/24
Aman Kumar Lathar
ADO (JWP)

18/6/3/2024

~~my~~