



No F 6 / DFS / MS / 2024/WZ/ 73

Dated: 02/02/2024

FIRE SAFETY CERTIFICATE

Certified that the **Shalimar Bagh Underground Metro Station** located at **Shalimar Bagh, Delhi-110088** comprised of **Undercroft + Platform + Concourse + Anc. Building & Associated Tunnel** owned/occupied by **Delhi Metro Rail Corporation Ltd.** was issued fire safety certificate vide **Letter No. F6/DFS/MS/WZ/2021/107** dated **10/02/2021** have deemed complied with the fire prevention and fire safety requirements in accordance with Rule 33 of the Delhi Fire Service Rules, 2010 and verified by the officer concerned of fire service on **19/01/2024** in the presence of **Sh. Sanyam Jain (Manager Fire) & Sh. Pranjal Purwar (Sr. Fire Inspector)** and that the building premise is fit for occupancy under "Assembly Building Group D, Sub Division D-7)" with effect from **..02/02/2024** for a period of **three years** in accordance with the 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.

Issued on **..02/02/2024** at New Delhi by

(Anil Garg)
Director

Ph. 011-23414000

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Conditions for the validity of Fire Safety Certificate:

1. Means of escape shall not be kept locked or bolted from outside and shall be easily openable at the time of emergency.
2. All the fire safety arrangement provided there-in shall be maintained in good working conditions at all times.
3. Loss of life or property due to non functional fire safety measure shall be at the responsibility of the management.
4. The trained fire fighting staff should be available round the clock.
5. Any deviation with regard to the construction etc shall be verified by the concerned building sanctioning agency.
6. This certificate cannot be treated in any case for regularizations of unauthorized construction.
7. 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".
8. 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

Copy to :-

1. Sh. Malay Saha (GM, E & M), Metro Bhawan, 13 Fire Brigade Lane, Barakhamba Road, New Delhi-110001.

INSPECTION REPORT

1. Name & address of the building : Shalimar Bagh Metro Station located at Shalimar Bagh, Delhi- 110088.
2. Type of Occupancy : Assembly.
3. Building Comprised of : (Undercroft+ Platform + Concourse + Anc. Building & Associated Tunnel)
4. Type of Case : Renewal
5. Details of Previous NOC : F6/DFS/MS/WZ/2021/107 Dated 10/02/2021
6. Fire Safety directives letter No : NBC/ NFPA
7. Date of inspection : 19/01/2024
8. Name of Inspecting Officer : R.K.Sinha, ADO (BW)
9. Name and designation of officers
From the building side : Sh. Sanyam Jain (Manager Fire) & Sh. Pranjal Purwar (Sr. Fire Inspector)
10. Year of Construction : 2017
11. Applicant's letter No. : 7/2023/11 dated 27/12/2023

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	NBC/ NFPA Requirements/ letter dated 22.01.2018	Provided at site	Remarks MR/NMR
1.	Access to building			
	• Road width	12 m	Provided	MR
	• Gate width	5 m	Provided	MR
	• Width of internal road	Required	8.6 m	MR
2.	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	• Upper Floors	NA	NA	NA
	• Basements (Under Ground Metro Station)	03 + 04	Provided	MR
	b. Width of staircases			
	• Upper Floor	NA	NA	NA
	• Basements	2 m	Gr. to C- 4.31, 3.65 m, 2.94 m & 1.12 m C to PF- 2× 4.3 m, 2× 1.47 m & 1.16 m PF to Undercroft- 2× 1.17 m (Including Railing)	MR
	c. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	Provided in Fireman & Emergency Staircase	MR
	d. No. of continuous staircases 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	Required	Provided	MR
4.	Smoke Management System			
	• Basements	Required	Provided	MR
	• Upper floors	NA	NA	NA
5.	Fire Extinguishers			

N-9

	• Total numbers	1@300 sqm	Provided	
	• Types	DCP, CO2 & WCo2	Provided	MR
	• IS marking	Required	Provided	MR
6.	First-Aid Hose Reels			
	• Total numbers on each floor	C- 10, P.F.- 05	Provided	MR
	• Length of hose reel hose	30 m	Provided	MR
	• Nozzle diameter	5 mm	Provided	MR
7.	Automatic fire detection and alarming system			
	• Type of detectors	Smoke/ Heat	Provided	MR
	• Location of Main Panel	Required	Provided at Station Control Room	MR
	• Location of Repeater Panel	Required	Provided	MR
	• Alternate source of power	Required	Provided	MR
	• Hooters' Location	Appropriate location	Provided	MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	• Basement	Required	Provided at under track, store room & C & PF	MR
	• Upper Floor	NA	NA	NA
	• Sprinkler above false ceiling	NA	NA	NA
11.	Internal Hydrants			
	• Size of riser/down-comer	150 mm	Provided	MR
	• Number of hydrants per floor	05 on P.F.	Provided	MR
	• Hose Box	Required	Provided	MR
12.	Yard Hydrants			
	• Total number of hydrants	02	Provided	MR
	• Hose Box	Required	Provided	MR
13.	Pumping Arrangements			
	• Ground Level			
	➤ Discharge of main Pump	2839 lpm	Provided	MR
	➤ Head of Main pump	90 m	Provided	MR
	➤ Number of main pumps	02	Provided	MR
	➤ Jockey Pump out put	2× 180 lpm	Provided	MR
	➤ Jockey pump head	56 m	Provided	MR
	➤ Standby Pump out put	2839 lpm	Provided	MR
	➤ Standby Pump Head	70 m	Provided	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	2,00,000 ltrs	Provided (At Terrace)	MR
>	Draw-off connection	Required	Provided	MR
>	Fire service inlet	Required	Provided	MR
>	Access to tank	Required	Provided	MR
•	Overhead Tank capacity	NA	NA	NA
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 System for Protection of special Risks, if any:	NOVEC- 1230 Flooding for HT, LT Panel	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 deemed compliance of the minimum standards of fire prevention and fire safety measures as required under rules it is recommended to renew the Fire Safety Certificate issued vide letter number F6/DFS/MS/WZ/2021/107 dated 10/02/2021 under rule 37 of Delhi Fire Service Rules, 2010.

DCFO/542-N/10

Dated 25/10/24

(Handwritten signatures and dates)
 Director 25/10/24
 C/o 21/10/2024
 25/11/24
 23/11/24

(Handwritten signature and date)
 23/11/24

Signature of Inspecting Officer
 Name : Rajeve Kumar Sinha
 Designation : ADO/B.W.

(Handwritten mark)