



GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE, NEW DELHI-110001

No. F.6/DFS/MS/Metro/2024/SZ/ 108

Dated: 20 / 02 / 2024

FIRE SAFETY CERTIFICATE

Certified that the **Panchsheel Park Underground Metro Station of Line-8**, comprised of Four Levels (Undercroft, Platform, Concourse & Ground Level), was issued Fire Safety Certificate by this department vide letter No. F6/DFS/MS/Assembly/UG/2021/SZ/98 dated 04/02/2021. The premise was re-inspected by the officer concerned of this department on 13/02/2024 in presence of Sh. Sunil Kumar (Fire Inspector) and found that the said metro station have deemed complied with fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and that the premises is fit for occupancy class "**Group D-7 Assembly Building**" (Metro Station) with effect from 20 / 02 / 2024 for a period of **three years** in accordance with rule 36 unless renewal 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 20 / 02 / 2024 at New Delhi by

(ATUL GARG)
DIRECTOR
DELHI FIRE SERVICE

Copy to: -

1. Sh. Malay Saha (GM / Elect & Tech), Delhi Metro Rail Corporation Limited, Metro Bhawan, 13, Fire Brigade Lane, Barakhamba Road, New Delhi-110001

Conditions for the validity of Fire Safety Certificate:

1. All the means of escape/entry/exit shall be kept free from any obstruction.
2. All the fire safety arrangement provided therein shall be maintained in good working conditions at all time as seen during inspection. Any loss of life property due to non-functional fire safety measures shall be at the responsibility of the management.
3. All the staff members must know the correct method of operation of fire fighting system.
4. Any deviation with regard to construction, ventilation, occupancy, electric installation etc, may be got verified from concerned authorities.
5. 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
6. This fire safety certificate may not in any way be treated as regularization (Clause 2.8 of UBBL-2016) of unauthorized construction or alteration (Clause 1.4.3 of UBBL-2016), if any.
7. 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 a copy of this Certificate, six months prior to its expiry".

INSPECTION REPORT

1.	Name & address of the building	Panchsheel Park Underground Metro Station (Line-8), New Delhi		
2.	Type of Occupancy	Assembly (D-7)		
3.	Building Comprised of	Four Levels (Undercroft, Platform, Concourse & Ground level.		
4.	Type of Case	Renewal		
5.	Details of previous NOC	F6/DFS/MS/Assembly/UG/2021/SZ/98 dt 04/02/2021		
6.	Fire Safety directives Letter	F.6/DFS/MS/2013/2320 dated 25/09/2013		
7.	Date of inspection	13/02/2024		
8.	Name of Inspecting Officer	Santosh Kumar (ADO/SJ)		
9.	Name and designation of Officer from building side	Sh. Sunil Kumar (Fire Inspector)		
10.	Year of Construction	2018		
11.	Applicant letter No.	Outdoor Diary No. 11353 dated 29/12/2023		
S. No.	Minimum standards on fire prevention and fire safety U/R 33	Requirement / Existing Fire Protection System	Provided at site	Remarks MR/NMR
1.	Access of building			
	• Road width	Required	10m	MR
	• Gate width	NA	6m	NA
	• Width of internal road	Approachable	Abuts on road	MR
2.	Number, width, Type & Arrangements of exits			
	a. Number of staircases			
	• Upper floors	NA	NA	NA
	• Basements	Undercroft to Platform- 02 nos Platform to CC- 06nos +02 Esc. CC to Ground- 04nos + 03 Esc.	Provided	MR(50% capacity of escalator is counted for evacuation in NFPA
	b. Width of staircases			
	• Upper floors	NA	NA	NA
	• Basements	2.8m & 1.2m (maintenance staircase)	UC to PF: 1.5m each (02nos) PF to CC: 4m(1), 3.9m (1), 3m (2), 1.25m (1), 1.2m (1) & 1m (2) CC to GF: 3.6m (1), 3.1m (1), 3m (1), 1.25m (1) + 1m (03)	MR
	c. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Required in Fireman staircase & emergency staircase	Provided	MR
	d. No of continuous staircase to terrace	Ancillary building	Provided	MR
	e. Width of Corridor	0.91m	1m	MR
	f. Door Size	0.91m	1m	MR
3.	Compartmentation			
	• Fire check door	Required	Provided	MR
	• Sealing of electrical shafts	Required	Provided	MR
	• Fire Rating of shaft door	30mt & 3hr	Provided	MR
	• Water Curtain	NA	NA	NA
	• Fire Dampers	Required	Provided	MR
4.	Smoke managements System			
	• Basements	Required	Provided	MR
	• Upper floors	NA	NA	NA
5.	Fire Extinguishers			
	• Total numbers	ISI marked	94 nos.	MR
	• Types		ABC, W.CO ₂ & CO ₂	MR
	• ISI marking		Provided	MR
6.	First-Aid Hose Reels			
	• Total numbers on each floor	01no in ancillary building	Provided	MR
	• Length of hose reel hose	01no in Fireman staircase, 10nos at CC & 09nos at each platform	30m	MR
	• Nozzle diameter		6mm	MR

7.	Automatic fire detection and alarming system			
	• Type of detector	Required	Smoke & Heat	MR
	• Location of Main Panel	Required	Station control room	MR
	• Location of Repeater Panel	Required	Concourse level	MR
	• Alternate source of power	Required	Provided DG Set	MR
	• Hooters' Location	Required	Provided at all levels	MR
8.	MOEFA	Required	Provided	MR
9	Public Address System	Required	Provided	MR
10	Automatic Sprinkler System			
	• Basement	Required	Provided in Mess, Store, Security & Locker Room	MR
	• Upper Floors	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	01no in ancillary bldg, 01no in Fireman staircase, 10nos at CC & 09nos at each platform	Provided	MR
	• Hose Box	01 no in ancillary bldg, 01 no in Fireman staircase, 10nos at CC & 09nos at each platform	Provided	MR
12	Yard Hydrants			
	• Total number of hydrants	02 No's required	Provided	MR
	• Hose Box	02nos in ancillary bldg 01no at each tunnel portal	Provided	MR
13	Pumping Arrangements			
	• Ground Level			
	➤ Discharge of main pump	2839 LPM	Provided	MR
	➤ Head of main pump	75m for Hydrant & 56m for Sprinkler	Provided	MR
	➤ Number of main pumps	Two	Provided	MR
	➤ Jockey pump out put	2 x 189 LPM	Provided	MR
	➤ Jockey pump head	75m for Hydrant & 56m for Sprinkler	Provided	MR
	➤ Standby Pump out put	2 x 2839 LPM	2 x 2839 LPM (Elect)	MR
	➤ Standby Pump Head	75m for Hydrant & 56m for Sprinkler	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	NA	Provided	MR
	➤ Draw of connection	Required	Provided	MR
	➤ Fire service inlet	Required	Provided	MR
	➤ Access to tank	Required	Provided	MR
	• Overhead Tank capacity	2 x 1,00,000 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

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19.	Fire control room	Required in SCR	Provided	MR
	➤ 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	Required	Provided	MR
20.	Special Fire Protection Systems for Protection of special Risks, if any;	Clean agent flooding system for electrical panels & Transformer		MR

The Fire protection systems provided in the building/premises were checked, tested at random and found functional at the time of inspection.

Keeping in view of the deemed compliance of the minimum standards on fire prevention and fire safety measures as required under the rules, the Fire Safety Certificate issued vide letter No. F6/DFS/MS/Assembly/UG/2021/SZ/98 dated 04/02/2021, renewal under rule 37 of Delhi Fire Service Rules 2010 is recommended.

Accordingly, DFA is put up for approval and signature please.

Santosh Kumar
19-02-24
Signature of the Inspecting Officer
Name: Santosh Kumar
Designation: ADO (SJ)

~~DO (SD)~~

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CFO
19/2/2024

Director
19/2/24
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