



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

No. F.6/DFS/MS/Metro/2024/SZ/ 537

Dated: 03/09/2024

FIRE SAFETY CERTIFICATE

Certified that the **INA Underground Metro Station (Line-7) New Delhi**, comprised of Ground, Concourse & Platform level, owned/occupied by Delhi Metro Rail Corporation, was issued Fire Safety Certificate by this department vide letter No. F6/DFS/MS/SZ/2021/Metro/280 dated 25/06/2021. The premise was re-inspected by the officer concerned of this department on 16/08/2024 in presence of Mr. Vikash Bhardwaj (Manager/Fire) and found that the said metro station building 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 premises is fit for occupancy class "**Assembly Group D-7**" (Metro Station) with effect from 03/09/2024 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 03/09/2024 at New Delhi by


(ATUL GARG)
DIRECTOR
DELHI FIRE SERVICE

Copy to: -

1. Sh. Malay Saha (CGM/Elect & Mech), Delhi Metro Rail Corporation Limited, Metro Bhawan, 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 firefighting 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".

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INSPECTION REPORT

1.	Name & address of the building	INA Underground Metro Station (Line-7) New Delhi.		
2.	Type of Occupancy	Assembly (Group D-7)		
3.	Building Comprised of	Ground, Concourse & Platform Level (UG)		
4.	Type of Case	Renewal		
5.	Details of previous NOC	F6/DFS/MS/SZ/2021/Metro/280 Dt. 25/06/2021		
6.	Fire Safety directives Letter	Nil		
7.	Date of inspection	16/08/2024		
8.	Name of Inspecting Officer	ADO (SJ)		
9.	Name and designation of Officer from building side	Mr. Vikash Bhardwaj (Manager/Fire)		
10.	Year of Construction	2010		
11.	Applicant letter No.	Outdoor Diary No. 2842 dated 11/06/2024		
S. No.	Minimum standards on fire prevention and fire safety U/R 33	Old FSC Requirements	Provided at site	Remarks MR/NMR
1.	Access of building			
	• Road width	Required	10m	MR
	• Gate width	-NA-	6m	-NA-
	• Width of internal road	-NA-	-NA-	-NA-
2.	Number, width, Type & Arrangements of exits			
	a. Number of staircases			
	• Upper floors	-NA-	-NA-	-NA-
	• Basements	1. Lower CC to Interchange Level= 1 + 4 Escalator 2. Lower CC to Platform Level =3 + 4 Escalator 3. PF to CC level= 3 + 4 Esc. 4. Interchange level- Ground Level=1no + 2 Escalator	Provided	MR (50% capacity of escalator is counted for evacuation in NFPA)
	b. Width of staircases			
	• Upper floors	-NA-	-NA-	-NA-
	• Basements	1. 1.12m & 0.91m Maint. Staircase	1. 3.2m + 1m x 4 escalator 2. 2.05m, 1.2m & 1m x 4 3. 3.2m, 2m, 1m + 1m x 4 4. 2.67m + 1m x 2 escalator	MR
	c. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Reqd. in Fireman & Emergency Staircase	Provided	MR
	d. No of continuous staircase to terrace	-NA-	-NA-	-NA-
	e. Width of Corridor	-NA-	-NA-	-NA-
	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	108 Nos	MR
	• Types		ABC, CO ₂ & WCO ₂	MR
	• ISI marking		Provided	MR
6.	First-Aid Hose Reels			
	• Total numbers on each floor	Hose-reel	1 No. in Ancillary building 9nos at Concourse, 08 Nos at each Platform & 4 Nos at Interchange Level	MR
	• Length of hose reel hose		36 mtr	MR
	• Nozzle diameter		6 mm	MR

7.	Automatic fire detection and alarming system			
	• Type of detector	Smoke & Heat	Provided	MR
	• Location of Main Panel	Required	Stn. Control Room	MR
	• Location of Repeater Panel	Required	Provided	MR
	• Alternate source of power	Required	Provided	MR
	• Hooters' Location	All Areas	Provided	MR
8.	MOEFA	Required	Provided	MR
9	Public Address System	Required	Provided	MR
10	Automatic Sprinkler System			
	• Basements	Required	Provided	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	1 No. in Ancillary building 9nos at Concourse, 08 Nos at each Platform & 4 Nos at Interchange Level	Provided	MR
	• Hose Box	1 No. in Ancillary building 9nos at Concourse, 08 Nos at each Platform & 4 Nos at Interchange Level	Provided	MR
12	Yard Hydrants			
	• Total number of hydrants	1 No	Provided	MR
	• Hose Box	One in ancillary building & One at each tunnel portal	Provided	MR
13	Pumping Arrangements			
	• Ground Level			
	➤ Discharge of main pump	2839 LPM	2839 LPM	MR
	➤ Head of main pump	75m & 56m	75m & 56m	MR
	➤ Number of main pumps	2 Nos	2 Nos	MR
	➤ Jockey pump out put	189 LPM x 2	189 LPM x 2	MR
	➤ Jockey pump head	75m & 56m	75m & 56m	MR
	➤ Standby Pump out put	2839 LPM x 2	2839 LPM x 2	MR
	➤ Standby Pump Head	75m & 56m	75m & 56m	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-	-NA-	-NA-
	➤ 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 Ltr	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			
	➤ Detector system panel	Required	Provided in SCR	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 for electrical panels & Transformer.	Provided local application with NOVEC 1230	MR

Meeting Requirements (MR), Not Meeting Requirements (NMR), Not Applicable (NA), Provided but non-functional (PNF) & Not Provided (NP).

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/SZ/2021/Metro/280 dated 25/06/2021, renewal under rule 37 of Delhi Fire Service Rules 2010 is recommended including subway connecting existing Metro Station with Terminal-1).

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

Santosh Kumar
20/08/24

Signature of the Inspecting Officer
Name: Santosh Kumar
Designation: ADO (SJ)

DO (SD)

mevl
21/8/24

Cfo
29/8/2024

Director
29/8/24

ADO (SJ)

Sir,

Fi.T letter is put up for your sing. pl

Director
29/8/24

Santosh Kumar
30/08/24