



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

No. F.6/DFS/MS/2025/SZ/ 272

Dated: 26/05/2025

FIRE SAFETY CERTIFICATE

Certified that the **Shallow Tunnel/Underpass-MCA1, MCA2 & MCA3** at Dwarka Expressway Pkg-I from Shiv Murti Intersection till Road Under Bridge (RUB) near Dwarka, Sector-21, New Delhi, comprised of underground level only, have complied with the fire prevention and fire safety requirements in accordance with NFPA/IRC/Rule 33 of Delhi Fire Service Rules, 2010 and verified by the officers concerned of this department on 15/05/2025 & 17/05/2025 in the presence of Sh. A.K. Singh (DGM-MEP) and that said premise is fit for occupancy class "**Underground Tunnel**" (Public Transportation) with effect from the date of issue of this certificate 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.

Issued on 26/05/2025 at New Delhi by

(ATUL GARG)
DIRECTOR

Ph: 011-23414000

Copy to: -

1. The Project Director, National Highway Authority of India, 201E/A, 2nd Floor, D21, Corporate Park, Sector 21, Dwarka, New Delhi-110075
2. Authorized Signatory, M/s J. Kumar-J.M. Mhatre-JV, Regd. Off: 16-A, Andheri Industrial Estate, Veera Desai Road, Andheri (W), Mumbai-400053

Condition for the validity of fire safety certificate:

- 1 All the fire safety arrangements provided therein shall be maintained in good working condition at all times.
- 2 Any loss of life or property due to non-functional fire safety measures shall be at the risk and responsibility of the management.
- 3 Any deviations w.r.t. construction shall be verified by the concerned building sanctioning agency.
- 4 This certificate may not be treated in any case for the regularization of the unauthorized construction, if any.
- 5 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, prior to its expiry.
- 6 The owner/occupier shall submit a declaration every year in the form 'K' provided in the first schedule of DFS Rules, 2010, form is available on www.dfs.delhigovt.nic.in.

INSPECTION REPORT

1.	Name & address of the building	Shallow Tunnel/Underpass-MCA1, MCA2 & MCA3 at Dwarka Expressway Pkg-I from Shiv Murti Intersection till Road Under Bridge (RUB) near Dwarka, Sector-21, New Delhi		
2.	Type of Occupancy	Underground Tunnel		
3.	Building Comprised of	Underground level only.		
4.	Type of Case	New		
5.	Details of previous NOC No.	Nil		
6.	Fire Safety directives Letter No.	F.6/DFS/MS/BP/2023/4028 dt 17/10/2023		
7.	Date of inspection	15/05/2025 & 17/05/2025		
8.	Name of the Inspecting Officer	DO (SW) and ADO (DWK)		
9.	Name and designation of Officer from the building side	Sh. A.K. Singh (DGM-MEP)		
10.	Year of Construction	2024		
11.	Applicant's letter No.	JKIL/NHAI/DEW/Pkg-I/4094 Dt. 01/05/2025 Outdoor Diary No. 1338 dated 05/05/2025		
S. No.	Minimum standards on fire prevention and fire safety U/R 33	NFPA/IRC Requirements	Provided at site	Remarks MR/NMR
1.	Access of building			
	• Road width	Required	Provided	MR
	• Gate width	-NA-	-NA-	-NA-
	• Width of internal road	-NA-	-NA-	-NA-
2.	Number, width, Type & Arrangements of exits			
	a. Number of staircases			
	• Upper floors	-NA-	-NA-	-NA-
	• Basement	-NA-	-NA-	-NA-
	b. Width of staircases			
	• Upper floors	-NA-	-NA-	-NA-
	• Basements	-NA-	-NA-	-NA-
	c. Protection of exits			
	• Fire check door	-NA-	-NA-	-NA-
	• Pressurization	-NA-	-NA-	-NA-
	d. No of continuous staircase to terrace	-NA-	-NA-	-NA-
	e. Width of Corridor	-NA-	-NA-	-NA-
	f. Door Size	-NA-	-NA-	-NA-
3.	Compartmentation			
	• Fire check door	-NA-	-NA-	-NA-
	• Sealing of electrical shafts	-NA-	-NA-	-NA-
	• Fire Rating of shaft door	-NA-	-NA-	-NA-
	• Water Curtain	-NA-	-NA-	-NA-
	• Fire Dampers	-NA-	-NA-	-NA-
4.	Smoke Managements System			
	• Underground Tunnel	Required	M.V. Provided	MR
	• Upper floors	-NA-	-NA-	-NA-
5.	Fire Extinguishers			
	• Total numbers	Required	MCA1-66, MCA2-34 & MCA3- 56 Nos	MR
	• Types	ABC & CO ₂	Provided	MR
	• ISI marking	ISI marked	Provided	MR
6.	First-Aid Hose Reels			
	• Total numbers on each side	Required	MCA1-33, MCA2-17 & MCA3- 28 Nos	MR
	• Length of hose reel hose	30m	30m	MR
	• Nozzle diameter	5mm	5mm	MR

7.	Automatic fire detection and alarming system			
	• Type of detector	Required	Linear Heat Detection System (LHDS)	MR
	• Location of Main Panel	Required	Fire Control Room	MR
	• Location of Repeater Panel	-NA-	-NA-	-NA-
	• 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			
	• Underground Tunnel/Underpass	-NA-	-NA-	-NA-
	• Upper Floor	-NA-	-NA-	-NA-
	• Sprinkler above false ceiling	-NA-	-NA-	-NA-
11.	Internal Hydrants			
	• Size of riser/down-comer	Required	200 mm	MR
	• Number of hydrants per floor	Required	MCA1-33, MCA2-17 & MCA3- 28 Nos	MR
	• Hose Box	Required	MCA1-33, MCA2-17 & MCA3- 28 Nos	MR
12.	Yard Hydrants			
	• Total number of hydrants	-NA-	-NA-	-NA-
	• Hose Box	-NA-	-NA-	-NA-
13.	Pumping Arrangements			
	• Ground Level	Tunnel/Underpass MCA1, MCA2 & MCA3		
	➤ Discharge of main pump	2850 LPM each	2850 LPM each	MR
	➤ Head of main pump	171m each	171m each	MR
	➤ Number of main pumps	One in each	One in each	MR
	➤ Jockey pump out put	180 LPM	180 LPM	MR
	➤ Jockey pump head	171m	171m	MR
	➤ Standby Pump out put	2850 LPM	2850 LPM	MR
	➤ Standby Pump Head	171m	171m	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			
	• Underground tank capacity	Tunnel/Underpass MCA1, MCA2 & MCA3		
	➤ Draw of connection	Required	1,75,000 ltr in each	MR
	➤ Fire service inlet	Required	Provided	MR
	➤ Access to tank	Required	Provided	MR
	• Overhead Tank capacity	Required	Provided	MR
15.	Exit Signage	-NA-	-NA-	-NA-
16.	Provision of Lifts	Required	Provided	MR
	➤ Pressurization of Lift Shaft	-NA-	-NA-	-NA-
	➤ Pressurization of lift lobby	-NA-	-NA-	-NA-
	➤ Communication in lift Car	-NA-	-NA-	-NA-
	➤ Fireman's Grounding Switch	-NA-	-NA-	-NA-
	➤ Lift Signage	-NA-	-NA-	-NA-
17.	Standby Power Supply	Required	Provided	MR
18.	Refuge Area			
	➤ Total area	-NA-	-NA-	-NA-
	➤ Location	-NA-	-NA-	-NA-

N-17

19.	Fire Control Room	In each Tunnel MCA1, MCA2 & MCA3		
	➤ Detector system panel	Required	Provided	MR
	➤ Flow Switch Panel	Required NA	Provided NA	MR 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	Provided	MR

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

In view of the substantial compliance of the minimum standards on fire prevention and fire safety as required under the rules, issue of fire safety certificate, under rule 35 of the Delhi Fire Service Rules, 2010 is recommended

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

Signature of the Inspecting Officer
 Name : Rajinder Atwal
 Designation : DO (SW)

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

CFO (HQ)
 23/5/2025
 Director

ADO/DWK

Sir, F.T letter is put up for your kind. pl

Director

Santosh Kumar
 26/5/25