



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

No. F.6/DFS/MS/Metro/2024/SZ/ 516

Dated: 16/08/2024

FIRE SAFETY CERTIFICATE

Certified that the **DMRC Shanker Vihar Metro Station (Line-8)** at Delhi Cantt, New Delhi-110010, comprised of Three Levels (Ground, Concourse & Platforms), was issued Fire Safety Certificate by this department vide letter No. F6/DFS/MS/Metro/2021/SZ/325 dated 14/07/2021. The premise was re-inspected by the officer concerned of this department on 07/08/2024 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 16/08/2024 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 16/08/2024 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 rule37] along with a copy of this Certificate, six months prior to its expiry".

INSPECTION REPORT

1.	Name & address of the building	DMRC Shanker Vihar Metro Station of Line-8 (Janak Puri West to Kalinda Kunj), Delhi Cantt, New Delhi-110010		
2.	Type of Occupancy	Assembly (Group-D)		
3.	Building Comprised of	Ground floor, Concourse & Platform level.		
4.	Type of Case	Renewal		
5.	Details of previous NOC	F.6/DFS/MS/Metro/2021/SZ/325 Dt. 14/09/2021		
6.	Fire Safety directives Letter	F.6/DFS/MS/BP/2008/2438 Dt. 26/08/2008		
7.	Date of inspection	07/08/2024		
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	2017		
11.	Applicant letter No.	DMRC/O&M/Fire/NOC/L-8/2024/06/08 dated 13/06/2021 Received Outdoor Diary No. 3039 dated 18/06/2024		
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	12m	10m	MR (Old case)
	• 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	GF to CC level Platform 4 Nos	Provided	MR
	• Basements	-NA-	-NA-	-NA-
	b. Width of staircases			
	• Upper floors	Required	4.20m, 4.20m, 2.07m & 2.07m	MR
	• 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	Required	2m	MR
3.	Compartmentation			
	• Fire check door	Required in technical room	Provided	MR
	• Sealing of electrical shafts	Required	Provided	MR
	• Fire Rating of shaft door	-NA-	-NA-	-NA-
	• 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			
	• Total numbers	ISI marked	20 Nos	MR
	• Types		CO ₂ & W.CO ₂	MR
	• ISI marking		Provided	MR
6.	First-Aid Hose Reels			
	• Total numbers on each floor	Required	2 Nos at GF/Concourse & 2 Nos at each platform	MR
	• Length of hose reel hose	30m	45m	MR
	• Nozzle diameter	5mm	Provided	MR

7.	Automatic fire detection and alarming system			MR
	<ul style="list-style-type: none"> • Type of detector • Location of Main Panel • Location of Repeater Panel • Alternate source of power • Hooters' Location 	Required	Smoke & Heat	MR
		Required	Station Control Room	MR
		Required	Concourse level	MR
		Required	Provided DG Set	MR
		Required	Provided at all levels	MR
8.	MOEFA	Required	Provided	MR
9	Public Address System	Required	Provided	MR
10	Automatic Sprinkler System			-NA-
	<ul style="list-style-type: none"> • Basements • Upper Floors • Sprinkler above false ceiling 	-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
11	Internal Hydrants			MR
	<ul style="list-style-type: none"> • Size of riser/down-comer • Number of hydrants per floor • Hose Box 	Required	100 mm	MR
		Required	2 Nos at GF/Concourse & 2 Nos at each platform	MR
		Required	3 Nos at GF/Concourse & 2 Nos at each platform	MR
12	Yard Hydrants			MR
	<ul style="list-style-type: none"> • Total number of hydrants • Hose Box 	Required	02 Nos provided	MR
		Required	02 Nos provided	MR
13	Pumping Arrangements			
	<ul style="list-style-type: none"> • Ground Level 			
	<ul style="list-style-type: none"> ➤ 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 Starting/Manual stopping ➤ Pump House Access 	1800 LPM	1800 LPM	MR
		70m	70m	MR
		Two	Two	MR
		180 LPM	180 LPM	MR
		70m	70m	MR
		1800 LPM (electric)	1800 LPM (electric)	MR
		70m	70m	MR
		Required	Provided	MR
		Required	Provided	MR
		<ul style="list-style-type: none"> • Terrace level 		
	<ul style="list-style-type: none"> ➤ Discharge of pump ➤ Head of the pump ➤ Power supply ➤ Auto starting of pump 	-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
14	Captive water Storage for fire fighting			
	<ul style="list-style-type: none"> • Underground tank capacity ➤ Draw of connection ➤ Fire service inlet ➤ Access to tank • Overhead Tank capacity 	50,000 Ltr	50,000 Ltr	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		-NA-	-NA-	-NA-
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-	-NA-
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
17.	Standby power supply	Required	Provided (DG Set)	MR
18.	Refuge Area			
	<ul style="list-style-type: none"> ➤ Total area ➤ Location 	-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-

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19.	Fire control room			
	➤ Detector system panel	-NA-	Provided	-NA-
	➤ Flow Switch Panel	-NA-	-NA-	-NA-
	➤ PA System Panel	-NA-	Provided	-NA-
	➤ Battery backup	-NA-	Provided	-NA-
	➤ Building Floor Plans	-NA-	Provided	-NA-
20.	Special Fire Protection Systems for Protection of Special Risks, if any;	Gas flooding system in HT, LT, distribution board, essential power panels and other such major panels.		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/Metro/2021/SZ/325 dated 14/07/2021, renewal under rule 37 of Delhi Fire Service Rules 2010 is recommended.

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

S Kumar
09.08.24

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

DO (SD)

muly
17/8

CFD
13/8/2024
Director
14/8/24

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

Director
14/8/24
n

S Kumar
16.08.24