

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


No. F.6/DFS/MS/Metro/2021/SZ/ 325

Dated: 14 / 07 /2021

FIRE SAFETY CERTIFICATE

Certified that “Shankar Vihar Metro Station of Line 8,, Comprising of Three Levels (Ground, Concourse & Platforms) was already issued Fire Safety Certificate by this department vide letter no F6/DFS/MS/Assembly/SZ/2018/519 dated 27/03/2018. The premise was re-inspected by the officer concerned of this department on 05/07/2021 in the presence of Mr. Bhirgu Fukan (AM/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 “Group D-7 Assembly Building” as above with effect from 14 / 07 /2021 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 14 / 07 /2021 at New Delhi by


(Sunil Chawdhary)
Dy. Chief Fire Officer (SZ)
Delhi Fire Service

Copy to: -

1. Mr. Bhirgu Fukan Asst. Manager Delhi Metro Rail Corporation, Metro Bhawan, Fire Brigade Lane, New Delhi-110001.
2. The Executive Director/Electrical, Near Malviya Nagar Metro station, Press Enclave, New Delhi 1100017

Conditions for the validity of Fire Safety Certificate: -

1. The station shall not be opened for revenue operation without increasing the width of staircase to 2 m, as undertook by DMRC vide letter no DMRC/CGM/E/RC-2/E&M/4705 dated 26/03/2018.
2. All the fire safety arrangement provided therein shall be maintained in good working condition 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. The basement shall be used strictly as per the provision of Building Bye Laws.
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 (I) of rule 37] along with a copy of this Certificate, six month prior to its expiry.”

N/9

INSPECTION REPORT

1	Name & Address of the Building	Shankar Vihar Metro Station of Line 8 (Janak Puri West to Kalindi Kunj)		
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/Assembly/SZ//2018/519 dated 27-03-2018		
6	Fire Safety Directives Letter No	F.6/DFS/MS/BP/2008/2438 dated 26/08/2008		
7	Date of Inspection	05-07-2021		
8	Name of the Inspecting Officers	Sh. Rajesh Kumar, ADO (BCP)		
9	Name & Designation of Officers from the building side	Mr. Bhirgu Fukan (AM/Fire)		
10	Year of construction	2017		
11	Applicant letter No.	Gmail dated 16/06/2021		
S. No.	Minimum standards on Fire Prevention and Fire Safety U/R 33	BBL/NBC Requirement	Provided at Site	Remarks MR/NMR
1	Access to Building.			
	<ul style="list-style-type: none"> Road width Gate width Width of internal road 	Required 12 m N/A N/A	10 mtr NA NA	MR (old case) N/A N/A
2	Number, width, type & arrangements of exits			
	a. Number of Staircase			
	➤ Upper floors	GF to CC level Platform 4 Nos	Provided	MR
	➤ Basement floor	N/A	NA	N/A
	b. Width of Staircase			
	➤ Upper floors	Required	4.20m, 4.20, 2.07 m & 2.07 m	MR
	➤ Basement floor	N/A	N/A	N/A
	c. Protection of exits			
	➤ Fire check door	N/A	N/A	N/A
	➤ Pressurization	N/A	N/A	N/A
	d. No. of continuous staircase to terrace	N/A	N/A	N/A
	e. Width of corridor	N/A	N/A	N/A
	f. Door size	Required	2 mtr	MR
3	Compartmentation.			
	<ul style="list-style-type: none"> Fire check door. Sealing of electrical shafts. Fire rating of shaft door. Water curtain Fire dampers. 	Required in technical rooms Required N/A N/A N/A	Provided Provided N/A N/A N/A	MR MR N/A N/A N/A
4	Smoke Management system.			
	<ul style="list-style-type: none"> Basement Upper floors 	N/A N/A	N/A N/A	N/A N/A
5	Fire Extinguishers.			
	<ul style="list-style-type: none"> Total numbers Types ISI Marking 	ISI Marked	20 Nos CO ₂ & W.CO ₂ Provided	MR MR MR

6	First Aid Hose Reels. <ul style="list-style-type: none"> Total numbers on each floor. Length of hose-reel hose. Nozzle Diameter 	Required	2 Nos at GF/ Concourse & 2 nos on each platform	MR
		Hose Reel	45m	MR
		Required	5mm	MR
7	Automatic fire detection & alarming system. <ul style="list-style-type: none"> Type of detectors Location of Main Panel Location of Repeater Panel Alternate source of power Hooter's location 	Required	Smoke type	MR
		Required	Station Control Room	MR
		Required	Concourse level	MR
		Required	Provided DG Set	MR
		Required	Provided at all levels	MR
		Required	Provided	MR
8	MOEFA	Required	Provided	MR
9	Public Address System	Required	Provided	MR
10	Automatic Sprinkler System <ul style="list-style-type: none"> Basement Upper floors Sprinkler above false ceiling 	N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
11	Internal Hydrants. <ul style="list-style-type: none"> Size of Riser/Down-comer Number of Hydrant per floor Hose box. 	Required	100 mm	MR
		Required	2 Nos at GF/ Concourse & 2 nos on each platform	MR
		Required	3 Nos at GF/ Concourse & 2 nos on each platform	MR
		Required	100 mm	MR
12	Yard Hydrants. <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. a) Ground Level <ul style="list-style-type: none"> Discharge of main pump. Head of main pump. Number of main pumps. Jockey Pump output. Jockey Pump head. Standby Pump output. Standby Pump head. Auto Starting/Manual Stopping. Pump House Access b) Terrace Level <ul style="list-style-type: none"> Discharge of pump. Head of pump. Power supply. Auto starting of pump. 	1800 LPM	1800 LPM	MR
		70 mtr	70 mtr	MR
		Two	Two	MR
		180 LPM	180 LPM	MR
		70 mtr	70 mtr	MR
		1800 LPM (electric)	1800 LPM	MR
		70 mtr	70 mtr	MR
		Required	Provided	MR
		Required	Provided	MR
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		14	Captive water storage for Fire Fighting. <ul style="list-style-type: none"> Underground tank capacity. Draw-off connection. Fire Service Inlet. 	50,000 Ltr
Required	Provided			MR
Required	Provided			MR
Required	Provided			MR

N/9

	<ul style="list-style-type: none"> ➤ Access to tank. • Overhead tank capacity. 	Required	Provided	MR
		N/A	10,000 ltr	N/A
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 switch. • Lift signage. 	N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	Provided	N/A
		N/A	Provided	N/A
		N/A	Provided	N/A
17	Standby Power Supply	Required	Provided (DG Set)	MR
18	Refuge Area			
	<ul style="list-style-type: none"> • Total area • Location 	N/A	N/A	N/A
		N/A	N/A	N/A
19	Fire Control Room.			
	<ul style="list-style-type: none"> • Detector System Panel. • Flow Switch Panel. • PA system Panel. • Battery backup • Building floor plan 	N/A	Provided	N/A
		N/A	N/A	N/A
		N/A	provided	N/A
		N/A	Provided	N/A
		N/A	Provided	N/A
20	Special Fire Protection System for the Protection of Special Risk, if any :	Gas flooding in HT, LT Panel, LT distribution board and essential power panels and other such major panels		MR

The fire protection system provided in the building were randomly checked and found functional at the time of inspection.

Keeping in view of the deemed compliance of the minimum standard on fire prevention and fire safety measures as required under the rules, the FSC issued vide letter no F.6/DFS/MS/Assembly/SZ//2018/519 dated 27-03-2018, renewal under rule 37 of the Delhi Fire Service rules, 2010 is recommended.

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

[Handwritten Signature]
6/7/2021

Signature of Inspecting Officer
Name: Rajesh Kumar
Design: ADO (BCP)

[Handwritten notes and signatures]
DFA/20
F.T. please
[Signature]

A DO (BCP)

As approved, F.T. letter is put up for your signature pl

[Handwritten signature]

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