

**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE: CONNAUGHT PLACE
NEW DELHI-110 001.**

No.F.6/DFS/MS/Assembly/2022/SZ/ 524

Dated: 23/11/2022

FIRE SAFETY CERTIFICATE

Certified that the **Nangli Elevated Metro Station of Dwarka-Najafgarh Corridor (Phase-III of Delhi Metro Project), New Delhi-110043**, comprised of Ground level, concourse level and platform level owned/occupied by Delhi Metro Rail Corporation Ltd. was issued FSC by this department vide letter no. F6/DFS/MS/Assembly/2019/SZ/1822 dated 20/09/2019. The building was re-inspected by the officer concerned of this department on 03/10/2022 in the presence of Mr. Ravinder Kaushik (Fire Inspector) and found that the said Metro Station building have deemed Complied with the fire prevention and fire safety requirements in accordance with the Rule 33 of the Delhi Fire Service Rules, 2010 and that the building/ premises is fit for occupancy class "Assembly Building D-7" (**Elevated Metro Station**) w.e.f. 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 printed as below.

Issued on.....23/11/2022..... at New Delhi.

(ATUL GARG)
DIRECTOR
DELHI FIRE SERVICE

Copy to:-

Sh. Vivek Shrivastava (JGM/E&M),
Delhi Metro Rail Corporation Ltd., Metro Bhawan,
Fire Brigade Lane, Barakhamba Road, New Delhi-110001

Following fire safety directives must be adhered to:-

1. All the fire safety arrangements provided therein shall be maintained in good working condition at all times.
2. The means of escape shall be kept unlocked and unobstructed for unhindered evacuation of occupants in case of emergency.
3. Any loss of life or property due to non-functional fire safety measures shall be at the risk and responsibility of the management.
4. The trained staff should be available round the clock.
5. Any deviations w.r.t. construction shall be verified by the concerned building sanctioning agency.
6. The certificate may not be treated in any case for the regularization of the unauthorized construction, if any.
7. The owner/occupier shall submit a declaration every year in the form 'K' provided in the first schedule of Delhi Fire Service Rules 2010, form is available on www.dfs.delhigovt.nic.in.
8. The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director in the Form 'J' [sub rule (1) of rule 37] along with a copy of this Certificate, six months prior to its expiry.

7.	Automatic fire detection and alarming system			
	<ul style="list-style-type: none"> Type of detectors (smoke/heat) Location of Main Panel Location of Repeater Panel Alternate source of power Hooters' Location 	Required	Provided	MR
		Required	Concourse level	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	All areas	MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	<ul style="list-style-type: none"> Basement Ground Floor Sprinkler above false ceiling 	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 hydrants per floor Hose Box 	150 mm	Provided	MR
		Nine	Provided	MR
		Nine	Provided	MR
12.	Yard Hydrants			
	<ul style="list-style-type: none"> Total number of hydrants Hose Box 	Two	Provided	MR
		Two	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 	1800 LPM	Provided	MR
		70 mtrs	Provided	MR
		One	Provided	MR
		180 LPM	Provided	MR
		70 mtrs	Provided	MR
		1800 LPM	Provided	MR
		70 mtrs	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		N/A	N/A	N/A
	<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 	N/A	N/A	N/A
		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 <ul style="list-style-type: none"> Draw-off connection Fire service inlet Access to tank Overhead Tank capacity 	50,000 ltrs	Provided	M/R
		Required	Provided	M/R
		Required	Provided	M/R
		Required	Provided	M/R
		10000 ltrs	Provided	M/R
		Required	Provided	M/R
15.	Exit Signage.			
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 	N/A	N/A	N/A
		N/A	N/A	N/A
		Required	Provided	M/R
		Required	Provided	M/R
		Required	Provided	M/R
		Required	Provided	M/R
17.	Standby power supply			
18.	Refuge Area.			
	<ul style="list-style-type: none"> Total Area Location 	N/A	N/A	N/A
		N/A	N/A	N/A

N/11

19.	Fire Control Room			
	<ul style="list-style-type: none"> • Detector System Panel • Flow Switch Panel • PA System Panel • Battery backup • Building Floor Plans 	Required	Provided	M/R
		N/A	N/A	N/A
		Required	Provided	M/R
		Required	Provided	M/R
		Required	Provided	M/R
20.	Special Fire Protection System for Protection of special Risks, if any:	Required	HT & LT panels have linear heat sensing tubes with automatic gas flooding system in sub station	MR

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

In view of the deemed compliance of the minimum standards of fire prevention and fire safety measures as required under the rules the FSC issued vide letter number F6/DFS/MS/Assembly/2019/SZ/1822 dated 20/09/2019 renewal under Rule 37 of the Delhi Fire Service Rules 2010 is recommended.

Signature of Inspecting Officer
 Name:-R.K. Yadav
 Designation:- Asstt. Divisional Officer

D.O (South West)

dy 7/10/22
 Dy Cfo (SZ)
 7/10

CAFO. 10/10/2022
 Director 10/11/22

DP F/S

DIRECTOR

F.t. letter is put up
 for signature of Asstt. Div. Officer

INSPECTION REPORT

1. Name & address of the building : Nangli Elevated Metro Station of Dwarka-Najafgarh Corridor (Phase-III of Delhi Metro Project), New Delhi-110043.
2. Building comprised of : Ground level, Concourse level and Platform level.
3. Type of Occupancy : Assembly Building D-7
4. Type of Case : Renewal
5. Details of Previous NOC : F.6/DFS/MS/Assembly/2019/SZ/1822 dated 20/09/2019
6. Fire Safety directives letter No : F.6/DFS/MS/BP/2014/169 dated 13.06.2014 & F.6/DFS/MS/BP/2017/249 dated 11.08.2017 & F.6/DFS/MS/BP/2019/2429 dated 24.04.2019
7. Date of inspection : 03/10/2022
8. Name of Inspecting Officer : A.D.O. R.K.Yadav
9. Name and designation of officers :
From the building side : Mr. Ravinder Kaushik (Fire Inspector)
10. Year of Construction : 2019
11. Applicant's letter No. : DMRC/O&M/Fire/NOC/L-9/2022/02 dated 13/09/2022

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	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 	09 mtrs 4.5 mtrs N/A	Provided Directly accessible from road N/A	M/R M/R N/A
2.	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases	07 no.'s	07 no.'s	M/R
	<ul style="list-style-type: none"> Upper Floors Basement 	N/A	N/A	N/A
	b. Width of staircases	4.0 m (01 no.), 2.0 m (01 no.) GL to CL & 2.80 m (02 no.'s) & 2.20 m (02 no.'s) CL to PL & 1.20 m GL to pump room	Provided	M/R
	<ul style="list-style-type: none"> Upper Floor Basements 	N/A	N/A	N/A
	c. Protection of exits			
	<ul style="list-style-type: none"> Fire/smoke check door Pressurization 	Required	Provided	MR
		N/A	N/A	N/A
	d. No. of continuous staircases to terrace			
	e. Width of Corridor	N/A	N/A	N/A
	f. Door Size	2.0 m	4.75 m	MR
		1.0 m	1.65 & .88 m	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	Provided	MR
		Required	Provided	MR
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
4.	Smoke Management System			
	<ul style="list-style-type: none"> Basements 	N/A	N/A	N/A
	<ul style="list-style-type: none"> Ground floor/Concourse level 	Required	Natural ventilation & exhaust fans provided	MR
5.	Fire Extinguishers			
	<ul style="list-style-type: none"> Total numbers Types IS marking 	31 No.'s ABC/CO ₂ type	Provided	M/R
			Provided	M/R
		ISI marked	Provided	M/R
6.	First-Aid Hose Reels			
	<ul style="list-style-type: none"> Total numbers on each floor Length of hose reel hose Nozzle diameter 	03 no.'s on CL & 03 no.'s on PL 45 mtrs 65 mm	Provided	M/R
			Provided	M/R
			Provided	M/R