

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEAD QUARTERS : DELHI FIRE SERVICE : NEW DELHI – 110001

No. F6/DFS/MS/DMRC/NDZ/2021/ 435

Dated:- 07 /09/2021

FIRE SAFETY CERTIFICATE

Certified that the **East Vinod Nagar Elevated Metro Station building of Line -7 Delhi** comprised on a grade level, concourse level and platform level, owned/occupied by DMRC, was granted FSC by this department vide letter **F6/DFS/MS/NDZ/DMRC/2018/1646 dated 16/07/2018**. The premises was re-inspected by the officers of this department on 05/08/2021 in the presence of Mr. Sanyam Jain (AM/Fire) and found that the said premises 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 **Group D-7 Assembly building** with effect from 07/09/2021 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 07/09/2021 at New Delhi by.


(Atul Garg)
Director
Delhi Fire Service

Copy to:-

Mr. Vivek Shrivastava,
JGM/E&M-II
Metro Bhawan , Fire Brigade Lane, Barakhamba Road, New Delhi.

Condition for the validity of fire safety certificate

1. All the fire safety arrangements provided therein shall be maintained in good working conditions at all times.
2. Any loss of life or property due to non functional fire safety measures shall be at the responsibility of the management.
3. The trained fire fighting staff should be available round the clock.
4. Any deviation w.r.t. construction etc. shall be verified by the concerned building sanctioning authority.
5. This fire safety certificate may not be treated in any case for regularization of unauthorized construction, if any.
6. 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
7. The means of escape shall be kept unobstructed / unlocked for unhindered evacuation in case of an emergency.
8. 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/G -

INSPECTION REPORT

1. Name & address of the building : Vinod Nagar Elevated Metro Station,
building Line-7, Delhi
2. Type of Occupancy : Assembly
(Road level (GF) + concourse level + platform level)
3. Type of Case : Renewal
4. Details of previous FSC : F6/DFS/MS/NDZ/DMRC/2018/1646 dated 16/07/2018
5. Fire Safety directives Letter No. : F6/DFS/MS/BP/2013/137 dated 27/06/2013
6. Date of inspection : 26/08/2021
7. Name of the Inspecting Officer : Sh. M.K. Sharma ADO/LN
8. Name and designation of Officer
from the building side : Mr. Sanyam Jain (AM/Fire)
9. Year of Construction : 2018
10. Applicant's letter No. : Email dated 10/08/2021

S.No.	Minimum Standards on fire Prevention and fire safety U/R 33	Requirement As per Directive	Provided at site	Remarks MR/NMR
1.	Access to Building			
	1) Road width	06 mtr.	21 mtr. wide main road	MR
	2) Gate width	N/A	N/A	N/A
	3) Width of internal road	N/A	N/A	N/A
2.	Number, Width Type & Arrangement of Exits			
	A. Number of staircases			
	1. Upper floors	06 Nos.	06 Nos.	MR
	2. Basements	N/A	N/A	N/A
	B. Width of staircase			
	1. Upper floors	06 03(Esc)	G+C (4.34M-01), (2.84M-01) + 1 (Esc), C+P (3M-01) + (3.01M-01) + (4.78M-01) + (4.26M-01) + 2(Esc)	MR (50% Cap. Of Escalators is counted for evacuation in NFPA)
	2. Basements	N/A	N/A	N/A
	C. Protection of exits			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	N/A	N/A	N/A
	D. No. of continuous staircase to terrace			
	E. Width of corridor	1.5 mtr.	1.5 mtr.	MR
	F. Door size	2.0 mtr.	2.0 mtr. & 1.5 mtr.	MR
3.	Compartmentation			
	1) Fire check door	Required	Provided	MR
	2) Sealing of electrical shafts	Required	Provided	MR
	3) Fire rating of shaft door	2 hrs	2 hrs	MR

	4) Fire curtain	N/A	N/A	N/A
	5) Fire Dampers	N/A	N/A	N/A
4.	Smoke Management System			
	1) Basements	N/A	N/A	N/A
	2) Upper floors	N/A	Natural Ventilated	N/A
5.	Fire Extinguishers			
	1) Total numbers	12 Nos.	18 Nos.	MR
	2) Types	ABC & CO2	ABC & CO2	MR
	3) ISI marking	ISI marked	ISI marked	MR
6.	First-Aid Hose Reel			
	1) Total number of each floor	03 Nos. concourse level 04 nos. platform level	03Nos. concourse level 04 nos. platform level	MR
	2) Length of hose reel hose	45 mtr.	45 mtr.	MR
	3) Nozzle diameter	6.5 mm	6.5 mm	MR
7.	Automatic Fire Detection & Alarming System			
	1) Type of detectors	Heat or smoke	smoke	MR
	2) Location of main panel	At first floor	At first floor	MR
	3) Location of repeater panel	At first floor	At first floor	MR
	4) Alternate source of power	Battery & D.G Set	Provided	MR
	5) Hooter's Location	N/A	N/A	N/A
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	1) Basement	N/A	N/A	N/A
	2) Upper floors	N/A	N/A	N/A
	3) Sprinkler above false ceiling	N/A	N/A	N/A
11.	Internal Hydrants			
	1) Size of riser/down-comer	100 mm.	100 mm.	MR
	2) Number of hydrants per floor	03 Nos. concourse level 04 nos. platform level	03 Nos. concourse level 04 nos. platform level	MR
	3) Hose box per floor	03 Nos. concourse level 04 nos. platform level	03 Nos. concourse level 04 nos. platform level	MR
12.	Yard Hydrants			
	1) Total number of hydrants	02	02	MR
	2) Hose box	02	02	MR
13.	Pumping Arrangement			
	1) Ground level			
	a) Discharge of main pump	1800 LPM	1800 LPM	MR
	b) Head of main pump	70 mtr.	70 mtr.	MR
	c) Number of main pump	1 No.	1 No.	MR
	d) Jockey pump out put	180 LPM	180 LPM	MR
	e) Jockey pump head	70 mtr.	70 mtr.	MR
	f) Stand by pump output	1800 LPM	1800 LPM	MR
	g) Stand by pump head	70 mtr.	70 mtr.	MR
	h) Auto starting/Manual stopping	Required	Provided	MR
	2) Terrace level			
	a) Discharge of pump	N/A	N/A	N/A
	b) Head of pump	N/A	N/A	N/A

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	c) Power supply	Required	Provided	MR
	d) Auto starting of pump	Required	Provided	MR
14.	Captive Water Storage for Fire Fighting			
	1) Under ground tank capacity	50,000 ltrs.	50,000 ltrs.	MR
	a) Draw-off connection	Required	Provided	MR
	b) Fire service inlet	Required	Provided	MR
	c) Access to tank	Required	Provided	MR
	d) Over head tank capacity	10,000 ltr.	10,000 ltr.	MR
15.	Exit Signage.	Required	Provided	MR
16.	Provision of Lifts.			
	a) Pressurization of lift shaft	N/A	N/A	N/A
	b) Pressurization of lift lobby	N/A	N/A	N/A
	c) Communication in lift car	Required	Provided	MR
	d) Fireman's switch	Required	Provided	MR
	e) Lift signage	Required	Provided	MR
17.	Stand by Power Supply	Required	Provided	MR
18.	Refuge Area			
	Total area location	N/A	N/A	N/A
19.	Fire Control Room			
	a) Detector system panel	Required	Provided	MR
	b) Flow switch panel	Required	Provided	MR
	c) PA system panel	Required	Provided	MR
	d) Battery backup	Required	Provided	MR
	e) Building floor plan	Required	Provided	MR
20.	Special Fire Protection System for Protection of special Risk, if any: Novec 1230 clean agent.			MR

The fire protection systems provided in the building were randomly 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 no. F6/DFS/MS/NDZ/DMRC/2018/1646 dated 16/07/2018 renewal under rule 35 of the Delhi Fire Service rules 2010, is recommended.

Signature of the Inspecting Officer

M.K. Sharma
27/8

Name :- M.K. Sharma
Designation :- ADO (LN)

Dy. CFC/NDZ

M.K. Sharma
31/8/21

CFO(NDZ) - D/O

Director
M.K. Sharma

