

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE: CANNAUGHT PLACE
NEW DELHI- 110 001

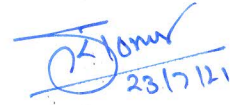
No.F6/DFS/MS/DMRC/2021/ 357

Dated: 27/07/2021

FIRE SAFETY CERTIFICATE

Certified that the M/s Shiv Vihar Elevated Metro Station building Line -7, Delhi. building comprised of ground level, concourse level and platform level owned/occupied by Delhi Metro Rail Corporation was issued FSC vide letter No. F6/DFS/MS/DMRC/NDZ/2018/1433 dated 20/06/2018. The Metro Station building was re-inspected by the officer concerned of this department on in the presence of Mr. Sanyam Jain, Assitt. Manager and found that the Metro Station building have deemed complied with the fire prevention and fire safety requirements in accordance with rules 33 of the Delhi Fire Service Rules, 2010 and observed that the building is fit for ground, concourse level and platform level occupancy class "D-7" Assembly Building' with effect from 27/07/2021 for a period of **three** years in accordance with the 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 below.

Issued on 27/07/2021 at New Delhi by


23/7/21

(Dr. S. K. Tomar)
Dy. Chief Fire Officer

To:-

Sr. DGM/E&M
Metro Bhawan, Fire Brigade Lane
New Delhi 110001

Conditions for the validity of Fire Safety Certificate

1. All the means of escape shall be kept free of all type of obstruction all the time.
2. All the employees shall be acquainted with the use and maintenance of all fire equipments and method of smooth and speedy safe evacuation of occupants in case of emergency.
3. All the fire fighting equipment shall be maintained in perfect working condition all the time and any lapse rendering non-functional of fire safety measures, management shall be responsible.
4. Any deviation, with regards to construction, ventilation, occupancy, electric installation etc. may be got verified from the concerned authorities.
5. This Fire Safety Certificate may not be treated in any case for regularizations of unauthorized construction /unauthorized use of land if any.
6. The owner / occupier shall submit a declaration every year in form 'K' provided in the first schedule of Delhi Fire Service Rule 2010. The form is available on www.dfs.delhigovt.nic.in
7. The owner / occupier shall apply for renewal of this Fire Safety Certificate of the Director in Form 'J' [sub rule (1) of rule (37)] along with a copy of this Certificate, Six Months prior to its expiry.

1. Name & address of the building : Shiv Vihar Elevated Metro Station building Line -7
2. Building is comprised of : Ground, concourse level and platform level
3. Type of Occupancy : Assembly building
4. Type of Case : Renewal
5. Details of Previous NOC letter : F6/DFS/MS/DMRC/NDZ/DMRC/2018/1433 dated 20/06/2018
6. Fire Safety directive letter No. : F6/DFS/MS/BP/2013/255 dated 29/08/13
7. Date of Inspection : 07/07/2021
8. Name of the Inspecting officers : ADO Mehmood
9. Name and designation of Officer from the building side : Mr. Sanyam Jain, Assitt. Manager
10. Year of Construction :
11. Applicant's letter No : nil Dated- 07/06/2021

Sr. No.	Minimum Standards on Fire Prevention and Fire Safety U/R33	As per Directive Requirement	Provided at Site	Remarks MR/NMR
01	Access to Building			
	<ul style="list-style-type: none"> • Road width 	06 mtr.	14 mtr. Wide main Road	MR
	<ul style="list-style-type: none"> • Gate width 	N/A	N/A	N/A
	<ul style="list-style-type: none"> • Width of internal road 	N/A	N/A	N/A
02	Number, Width, Type and Arrangement of Exits			
	a. Number of Staircases			
	<ul style="list-style-type: none"> • Upper floor 	06 nos.	06 nos	MR
	<ul style="list-style-type: none"> • Basement 	N/A	N/A	N/A
	B. Width of Staircases			
	<ul style="list-style-type: none"> • Upper floor 	1.50 mtr	2.89 mtr, 2.57 mtr, (2.85 mtr x 2) & (4.85 mtr x 2)	MR
	<ul style="list-style-type: none"> • Basement 	N/A	N/A	N/A
	c. Protection of Exits			
	<ul style="list-style-type: none"> • Fire check door 	N/A	N/A	N/A
	<ul style="list-style-type: none"> • Pressurization 	N/A	N/A	N/A
	d. No. of Continuous Staircases to Terrace	N/A	N/A	N/A
	e. Width of Corridor	1.50 mtr	1.50 mtr	MR
	f. Door Size	02 mtr.	02 mtr. & 1.50 mtr	MR
03	Compartmentation.			
	<ul style="list-style-type: none"> • Fire check door 	Required	Provided	MR
	<ul style="list-style-type: none"> • Sealing of electrical shafts 	Required	Provided	MR
	<ul style="list-style-type: none"> • Fire rating of shaft door 	02 hrs	02 hrs	MR
	<ul style="list-style-type: none"> • Water curtain 	N/A	N/A	N/A
	<ul style="list-style-type: none"> • Fire dampers 	N/A	N/A	N/A
04	Smoke Management System.			
	<ul style="list-style-type: none"> • Basement 	N/A	N/A	N/A
	<ul style="list-style-type: none"> • Upper floor 	Required	Natural Ventilated	MR
05.	Fire Extinguishers			
	<ul style="list-style-type: none"> • Total numbers 	12 nos.	14 nos	MR
	<ul style="list-style-type: none"> • Types 	ABC /CO ₂	ABC & CO ₂	MR
	<ul style="list-style-type: none"> • IS marking 	ISI marked	Provided	MR

06	First-Aid-Hose Reels.			
	Total numbers on each Branch	(03 nos concourse level) (04 nos. platform level)	(03 nos concourse level) (04 nos. platform level)	MR
	• Length of hose reel hose	45 mtr	45 mtr	MR
	• Nozzle diameter	6.50 mm	6.50 mm	MR
07	Automatic Fire Detection and Alarming System.			
	• Type of detectors	Heat/Smoke	Smoke	MR
	• Location of main panel	Ground floor	Provided	MR
	• Location of repeater panel	Ground floor	Provided	MR
	• Alternate source of power	Battery & DG Set	Provided	MR
	• Hooter	Required	Provided	MR
08	MOEFA	Required	Provided	MR
09	Public Address System.	Required	Provided	MR
10	Automatic Sprinkler System.			
	• Basement	N/A	N/A	N/A
	• upper floor	N/A	N/A	N/A
	• sprinkler above false ceiling	N/A	N/A	N/A
11	Internal Hydrants			
	• size of riser/down-comer	100 mm (03 nos concourse level) (04 nos. platform level)	100 mm (03 nos concourse level) (04 nos. platform level)	MR MR
	• Number of hydrants per floor			
	• Hose box	As above	As above	MR
12	Yard Hydrants.			
	• Total number of hydrants	02 nos	02 nos	MR
	• Hose box	02 nos	02 nos	MR
13	Pumping Arrangements.			
	➤ Ground Level			
	• Discharge of main pump	1800 LPM	1800 LPM	MR
	• Head of main pump	70 M	70 M	MR
	• Number of main pumps	01 nos	01 nos	MR
	• Jockey pump out put	225 LPM	225 LPM	MR
	• Jockey pump head	70 M	70 M	MR
	• Standby pump out put	1800 LPM	1800 LPM	MR
	• Standby pump head	70 M	70 M	MR
	• Auto starting /manual stopping	Required	Provided	MR
	• Pump house access	Required	Provided	MR
	➤ Terrace Level			
	• Discharge of pump	N/A	N/A	N/A
	• Head of the pump	N/A	N/A	N/A
	• Power supply	N/A	N/A	N/A
	• Auto starting of pump	N/A	N/A	N/A
14	Captive Water Storage for Fire Fighting.			
	• Underground tank capacity	50,000 ltr	2,00,000 ltr	MR
	• Draw-off connection	Required	Provided	MR
	• Fire service inlet	Required	Provided	MR
	• Access to tank	Required	Provided	MR
	• Overhead tank capacity	10,000 ltr	10,000 ltr	MR
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 • Firemen's grounding switch • Lift signage 	N/A	N/A	N/A
		N/A	N/A	N/A
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
17	Standby Power Supply	Required	Provided	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 plans 	Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
20	Special Fire Protection Systems for Protection of Special Risks, if Any:	Required	NOVEC 1230 clean agent	MR

The fire protection systems provided in the building were tested/checked and found functional at the time of inspection. The P. D. Area has already been cleared by Delhi Fire Service.

Keeping in view the deemed compliance of the minimum standards on fire prevention and fire safety required under the Directive NO. F6/DFS/MS/BP/2013/267 dated 02/07/2013 issued by this department, it is recommended to renew Fire Safety Certificate under rule 35 of the Delhi Fire Service rules 2010.

Signature of the Inspecting Officer
 Name - Mehmood
 Designation - A. D. O (T. Pur)

D. P. Chandra

Pl. speak about pt. 7 (Hooter). Hooter is a must for automatic detection and alarm system. Pl. clarify.

ADDO (TP)

Mehmood
15/7/21

Concededly the pt no 7

By ADO (TP)

Mehmood

ADDO (TP)

Mehmood
12/7/21

Mehmood
12/7/21

