



No. F6/DFS/MS/DMRC/NDZ/2024/ 478

Dated: 25 /07/2024

**FIRE SAFETY CERTIFICATE**

Certified that the Mandawali West Vinod Nagar Elevated Metro Station building of Line-7, Delhi- building comprised of grade level, concourse level and platform level, owned/occupied by Delhi Metro Rail Corporation was issued Fire Safety Certificate vide letter No. F6/DFS/MS/DMRC/NDZ/2021/435 dated 07/09/2021. The Metro Station building was re-inspected by the officer concerned of this department on 18/07/2024 in the presence of Mr. Sanyam Jain (AM/Fire). and found that the 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 observed that the building is fit for occupancy class Group D - 7 "Assembly Building" with effect from 25 /07/2024 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 DFS rule 2010. Subject to conditions printed below.

Issued on 25/07/2024 at New Delhi by.

(ATUL GARG)  
DIRECTOR

O/c DELHI FIRE SERVICE

**Copy to:-**

1. Mr. Vivek Shrivastava, JGM/E&M-II, Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-110001.

**Conditions for the validity of Fire Safety Certificate**

1. The owner /occupier shall apply for renewal of this fire safety certificate to the Director in form J' [sub rule(1) of rule 37] along with a copy of this certificate, six months prior to its expiry
2. All the means of escape shall be kept free of all the type of obstruction all the time.
3. 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.
4. All the fire fighting equipments shall be maintained in perfect working condition all the time and any lapse rendering non-functional of fire safety measures, management shall be responsible.
5. The clarification with regards electrical installation, ventilation, structure stability set back areas, occupancy and constructional deviation in building etc .may be got verified from the authorities concerned.
6. This Fire Safety Certificate cannot be treated in any case for regularizations of unauthorized construction unauthorized use of land if any.
7. 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](http://www.dfs.delhigovt.nic.in).

**INSPECTION REPORT**

1	Name & address of the building	Mandawali West Vinod Nagar Elevated Metro Station, building of Line -07 , Delhi-		
3	Type of occupancy	Assembly Building (Road level (GF), Concourse level and Platform level)		
4	Type of case	Renewal		
5	Details of previous FSC	F6/DFS/MS/DMRC/NDZ/2021/435 dated 07/09/2021.		
6	Fire safety directives letter no.	F6/DFS/MS/BP/2013/137 dated 27/06/2013		
7	Date of inspection	18/07/2024.		
8	Name of the inspecting officers	Yashwant Singh Meena ADO (L.N)		
9	Name of the designation of officer from the building side	Mr. Sanyam Jain (AM/Fire)		
10	Year of construction	2018		
11	Applicant's letter no.	Outdoor dairy no. 3879 dated 08.07.2024		
S.No	<b>Minimum standard of fire prevention and fire safety U/R 33</b>	<b>Requirement As per Directive</b>	<b>Provided at site</b>	<b>Remarks MR/NMR</b>
1	<b>Access to Building:</b>			
A	Road width	6.0 mtrs.	21 mtrs. vide main road	MR
B	Gate width	N/A	N/A	N/A
C	Width of internal road	N/A	N/A	N/A
2	<b>Number, Width, Type and Arrangement of Exits:</b>			
A	Number of staircases			
a	Upper floor	06 nos.	06 nos	MR
c	Basement	N/A	N/A	N/A
B	Width of staircases			
a	Upper floor	06 nos 03 (ESC)	G+C(4.34 m-01),(2.84m-01) (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)
b	Basement	N/A	N/A	N/A
C	Protection of exits			
a	Fire check door	Required	Provided	MR
b	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 mtrs	1.50 mtrs	MR
F	Door size	2.0 mtrs	2.0 mtrs & 1.50 mtrs	MR
3	<b>Compartmentation:</b>			
A	Fire check door	Required	Provided	MR
C	Sealing of electrical shafts	Required	Provided	MR
D	Fire rating of shaft door	2 hrs	2 hrs	MR
E	Water curtain	N/A	N/A	N/A
F	Fire dampers	N/A	N/A	N/A
4	<b>Smoke Management System:</b>			
A	Basement	N/A	N/A	N/A
B	Upper floor	N/A	Natural Ventilated	N/A

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5.	<b>Fire Extinguisher:</b>				
	A	Total numbers	12 nos.	18 nos.	MR
	B	Types	CO <sub>2</sub> & ABC	CO <sub>2</sub> & ABC	MR
	C	ISI marking	ISI Marked	Provided	MR
6	<b>First-Aid-Hose Reel:</b>				
	A	Total numbers of each floor	03 nos concourse level 04 no. platform level	03 nos concourse level 04 no. platform level	MR
	B	Length of hose reel hose	45 mtrs	45 mtrs	MR
	C	Nozzle diameter	6.5 mm	6.5 mm	MR
7	<b>Automatic Fire Detection and Alarming System:</b>				
	A	Type of detectors	Heat or Smoke	Smoke	MR
	B	Location of main panel	At first floor	At first floor	MR
	C	Location of repeater panel	At first floor	At first floor	MR
	D	Alternate source of power	Battery & D.G. Set	Provided	MR
	E	Hooter's Location	N/A	N/A	N/A
8	<b>MOEFA:</b>		Required	Provided	MR
9	<b>Public Address System:</b>		Required	Provided	MR
10	<b>Automatic Sprinkler System:</b>				
	A	Basement	N/A	N/A	N/A
	B	Upper floor	N/A	N/A	N/A
	C	Sprinkler above false ceiling	N/A	N/A	N/A
11	<b>Internal Hydrants:</b>				
	A	Size of riser/down-comer	100 mm	100 mm	MR
	B	Number of hydrants per Branch	03 nos concourse level 04 no. platform level	03 nos concourse level 04 no. platform level	MR
	C	Hose box per floor	03 nos concourse level 04 no. platform level	03 nos concourse level 04 no. platform level	MR
12	<b>Yard Hydrants:</b>				
	A	Total number of hydrants	02 nos.	02 nos.	MR
	B	Hose box	02 nos.	02 nos.	MR
13	<b>Pumping Arrangements:</b>				
1	<b>Ground level</b>				
	A	Discharge of main pump	1800 LPM	1800 LPM	MR
	B	Head of main pump	70 mtrs.	70 mtrs.	MR
	C	Number of main pumps	01 no.	01 no.	MR
	D	Jockey pump out put	180 LPM	180 LPM	MR
	E	Jockey pump head	70 mtrs	70 mtrs	MR
	F	Standby pump out put	1800 LPM	1800 LPM	MR
	G	Standby pump head	70 mtrs.	70 mtrs.	MR
	H	Auto starting /manual stopping	Required	Provided	MR
2	<b>Terrace Level</b>				
	A	Discharge of pump	N/A	N/A	N/A
	B	Head of the pump	N/A	N/A	N/A
	C	Power supply	Required	Provided	MR
	D	Auto starting of pump	Required	Provided	MR

N/12


**Mandawali West Vinod Nagar, Elevated Metro Station, building of Line -07, Delhi**

<b>14</b>	<b>Captive Water Storage for Fire Fighting:</b>				
A	Underground tank capacity	50,000 liters.	50,000 liters ✓	MR	
B	Draw-off connection	Required	Provided	MR	
C	Fire service inlet	Required	Provided	MR	
D	Access to tank	Required	Provided	MR	
E	Overhead tank capacity	10,000 liters	10,000 liters ✓	MR	
<b>15</b>	<b>Exit Signage:</b>		Required	Provided	MR
<b>16</b>	<b>Provision of Lifts:</b>				
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	Firemen's switch	Required	Provided	MR	
E	Lift signage	Required	Provided	MR	
<b>17</b>	<b>Standby Power Supply:</b>		Required	Provided	MR
<b>18</b>	<b>Refuge Area:</b>				
A	Total area	N/A	N/A	N/A	
B	Location	N/A	N/A	N/A	
<b>19</b>	<b>Fire Control Room:</b>				
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 plans	Required	Provided	MR	
<b>20</b>	<b>Special Fire Protection System for Protection of special Risks, if any: Novec 1230 clean agent.</b>			MR	

The fire protection systems provided in the building were randomly tested/checked and found functional at the time of inspections.


Keeping in view of the deemed compliance of minimum standards of fire prevention and fire safety measures as required in under the rules the FSC issued vide letter no. F6/DFS/MS/DMRC/NDZ/2021/435 dated 07/09/2021 is recommended to be renewed.

No File is pending with me before disposal of this case.

  
 Signature of the Inspecting Officer  
 Name: - Yashwant Singh Meena  
 Designation: - ADO (L.N)

DY. CFO/NDZ

C.F/O.

  
 22/07/24

  
 22/07/2024

  
 29/07/24



Sir.

A.T Letter is Auted for Sign. Please

  
 29/07/24

  
 24/7/2024