



No. F6/DFS/MS/DMRC/NDZ/2024/ 318

Dated: 21/05/2024

FIRE SAFETY CERTIFICATE

Certified that the **Vinod Nagar Depot (Phase – III, DMRC) building site – 1 & site – 2** located at **Vinod Nagar, Delhi – 110092** comprised of Ground plus one upper floor & Ground plus two upper floors, owned/occupied by **Delhi Metro Rail Corporation** was issued Fire Safety Certificate vide letter No. F6/DFS/MS/DMRC/NDZ/2021/277 dated 25/06/2021. The premises was re-inspected by the officer concerned of this department on 08/05/2024 in 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 “**Mixed Occupancy**” with effect from 21/05/2024 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 21/05/2024 at New Delhi by.


(ATUL GARG)
DIRECTOR
DELHI FIRE SERVICE

Copy to:-

1. Delhi Metro Rail Corporation Ltd., 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.

INSPECTION REPORT

1	Name & address of the building	Vinod Nagar Depot (Phase - III, DMRC) building site - 1 & site - 2 located at Vinod Nagar, Delhi - 110092.		
2	Building is comprised of	G, G + 1 & G + 2, site - 1 & site - 2		
3	Type of occupancy	Assembly/Industrial/Storage/Business. (Mixed occupancy)		
4	Type of case	Renewal		
5	Details of previous FSC	F6/DFS/MS/DMRC/NDZ/2021/277 dated 25/06/2021.		
6	Fire safety directives letter no.	F6/DFS/MS/BP/2013/171 dated 06/06/2017		
7	Date of inspection	08.05.2024.		
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. 1347 dated 03.05.2024		
S.No	Minimum standard of fire prevention and fire safety U/R 33	Requirement as per Directive	Provided at site	Remarks MR/NMR
1	Access to Building:			
	A Road width	6.0 meters.	24 meters. & 78 meters. wide main road	MR
	B Gate width	6.0 meters.	6.0 meters.	MR
	C Width of internal road	6.0 meters.	9.0 meters.	MR
2	Number, Width, Type and Arrangement of Exits:			
	A Number of staircases			
	a Upper floor (G + 1 & G + 2)	16 nos.	16 nos.	MR
	c Basement	N/A	N/A	N/A
	B Width of staircases			
	a Upper floor	1.50 meters.	1.50 meters. each 01 of 1.65 die	MR
	b Basement	N/A	N/A	N/A
	C Protection of exits			
	a Fire check door	N/A	N/A	N/A
	b Pressurization	N/A	N/A	N/A
	D No. of continuous staircases to terrace	Required	Provided	MR
	E Width of corridor	1.50 meters.	1.50 meters.	MR
	F Door size	2.0 meters.	02 mtrs & 1.70 mtrs.	MR
3	Compartmentation:			
	A Fire check door	Required	Provided	MR
	C Sealing of electrical shafts	Required	Sealed	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	Smoke Management System:			
	A Basement	N/A	N/A	N/A
	B Upper floor	N/A	Natural Ventilated	N/A

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5. Fire Extinguisher:				
A	Total numbers	28 nos. of site 1 & 150 nos. of site 2	30 nos. of site 1 & 154 nos. of site 2	MR
B	Types	CO ₂ & ABC	CO ₂ & ABC	MR
C	ISI marking	ISI Marked	Provided	MR
6 First-Aid-Hose Reel:				
A	Total numbers of each Branch	11 nos. of site 1 & 30 nos. of site 2	11 nos. of site 1 & 30 nos. of site 2	MR
B	Length of hose reel hose	30 meters.	45 meters	MR
C	Nozzle diameter	05 mm	05 mm	MR
7 Automatic Fire Detection and Alarming System:				
A	Type of detectors	Heat & Smoke	Multi Sensor	MR
B	Location of main panel	At Gr. floor	At Gr. floor	MR
C	Location of repeater panel	At Gr. floor	At Gr. floor	MR
D	Alternate source of power	Battery & D.G Set	Provided	MR
E	Hooters	Required	Provided	MR
8 MOEFA:		Required	Provided	MR
9 Public Address System:		Required	Provided	MR
10 Automatic Sprinkler System:				
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 Internal Hydrants:				
A	Size of riser/down-comer	150 mm	150 mm	MR
B	Number of hydrants per Branch	20 nos. of site 1 & 84 nos. of site 2	20 nos. of site 1 & 84 nos. of site 2	MR
C	Hose box per all floor	20 nos. of site 1 & 84 nos. of site 2	20 nos. of site 1 & 84 nos. of site 2	MR
12 Yard Hydrants:				
A	Total number of hydrants	59 nos. of site 1 & 41 nos. of-site 2	59 nos. of site 1 & 41 nos. of site 2	MR
B	Hose box	59 nos. of site 1 & 41 nos. of site 2	59 nos. of site 1 & 41 nos. of site 2	MR
13 Pumping Arrangements:				
1 Ground level				
A	Discharge of main pump	2850 LPM	2850 LPM	MR
B	Head of main pump	70 meters.	70 meters.	MR
C	Number of main pumps	02 no.	02 no.	MR
D	Jockey pump out put	180 LPM	180 LPM	MR
E	Jockey pump head	70 meters.	70 meters.	MR
F	Standby pump out put	2850 LPM	2850 LPM	MR
G	Standby pump head	70 meters.	70 meters.	MR
H	Auto starting /manual stopping	Required	Provided	MR
I	Pump house access	Required	Provided	MR
2 Terrace Level				
A	Discharge of pump	N/A	N/A	N/A
B	Head of the pump	N/A	N/A	N/A
C	Power supply	N/A	N/A	N/A
D	Auto starting of pump	N/A	N/A	N/A

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14	Captive Water Storage for Fire Fighting:				
A	Underground tank capacity	2,00,000 liters.	2,00,000 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	20,000 liters. & 10,000 liters.	20,000 liters. & 10,000 liters.	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	N/A	N/A	N/A	
D	Firemen's grounding switch	N/A	N/A	N/A	
E	Lift signage	N/A	N/A	N/A	
17	Standby Power Supply:		Required	Provided	MR
18	Refuge Area:				
A	Total area	N/A	N/A	N/A	
B	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 plans	Required	Provided	MR	
20	Special Fire Protection systems for protection of special Risks, if any: Novec 1230 total flooding system.	Required	Provided	MR	

The fire protection systems provided in the building were tested, checked at random 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 Circular no. F6/DFS/MS/BP/2013/171 dated 06/06/2017, the FSC issued vide letter no. F6/DFS/MS/DMRC/NDZ/2021/277 dated 25/06/2021 is recommended to be renewed.


on 15/05/24


10/5/2024

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

DY. CEO/NDZ


15/05/24

C.F.O.

16/5/2024

Director

11/5/24


A.D.Y. L.N

P.T.O