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

No. F6/DFS/MS/DMRC/NDZ/2021/ 525

Dated:- 25 /10/2021

FIRE SAFETY CERTIFICATE

Certified that the **Nirman Vihar Metro Station (Line-4) Delhi**, building comprised of ground level, concourse level and platform level, owned/occupied by DMRC, was granted FSC/NOC by this department vide letter **F6/DFS/MS/2009/3824 dated 17/12/2009**. The premises was re-inspected by the officers of this department on 07/10/2021 in the presence of Mr. Vikas Bhardwaj (Manager/Fire) & Mr. Omkar Kumar (Fire Inspector) 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 ~~25/10/2021~~ 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 25/10/2021 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".

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INSPECTION REPORT

1. Name & address of the building : Nirman Vihar Metro Station (Line-4) Delhi
2. Type of Occupancy : Assembly Building "Group D-7"
(ground level, concourse level and platform level)
3. Type of Case : Renewal
4. Details of previous FSC/NOC : F6/DFS/MS/ 09/3824 dated 17/12/2009
5. Fire Safety directives Letter No. : N/A
6. Date of inspection : 07/10/2021
7. Name of the Inspecting Officer : Sh. M.K. Sharma ADO/LN
8. Name and designation of Officer
from the building side : Mr. Vikas Bhardwaj (Manager/Fire) &
Mr. Omkar Kumar (Fire Inspector)
9. Year of Construction : 2009
10. Applicant's letter No. : Email dated 16/09/2021

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	09 mtr.	20 mtr.	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			
	Upper floors			
	1. Ground to concourse	05 Nos.	05 Nos.	MR
	2. Con. to Platform	04 Nos.	04 Nos.	MR
	Basements	N/A	N/A	N/A
	B. Width of staircase			
	Upper floors			
	Ground to concourse	1.80 m	1.80 m each	MR
	Con. To Platform	2 no. of 4.0 m & 2 no. of 2.25 m	2 no. of 4.0 m & 2 no. of 2.25 m	MR
	2. Basements	N/A	N/A	N/A
	C. Protection of exits			
	1. Fire check door	N/A	N/A	N/A
	2. Pressurization	N/A	N/A	N/A
	D. No. of continuous staircase to terrace	N/A	N/A	N/A
	E. Width of corridor	N/A	N/A	N/A
	F. Door size	2.0 mtr.	2.0 mtr.	MR
3.	Compartmentation			
	1) Fire check door	N/A	N/A	N/A
	2) Sealing of electrical shafts	N/A	N/A	N/A
	3) Fire rating of shaft door	N/A	N/A	N/A
	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	Required	Natural Ventilated	MR
5.	Fire Extinguishers			
	1) Total numbers	32 Nos.	32 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	02 nos.	02 nos.	MR
	2) Length of hose reel hose	30 mtr.	30 mtr.	MR
	3) Nozzle diameter	5 mm	5 mm	MR
7.	Automatic Fire Detection & Alarming System			
	1) Type of detectors	Smoke & Heat	Smoke & Heat	MR
	2) Location of main panel	concourse level	Provided	MR
	3) Location of repeater panel	Main entry	Provided	MR
	4) Alternate source of power	Required	Provided	MR
	5) Hooter's Location	Required	concourse level	MR
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	150 mm.	150 mm.	MR
	2) Number of hydrants per floor	02 nos.	02 nos.	MR
	3) Hose box per floor	02 nos.	02 nos.	MR
12.	Yard Hydrants			
	1) Total number of hydrants	08 nos	08 nos	MR
	2) Hose box	08 nos	08 nos	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
	c) Power supply	N/A	N/A	N/A
	d) Auto starting of pump	N/A	N/A	N/A
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	N/A	N/A	N/A
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	N/A	N/A	N/A
	Total area location	N/A	N/A	N/A
19.	Fire Control Room			
	a) Detector system panel	N/A	N/A	N/A
	b) Flow switch panel	N/A	N/A	N/A
	c) PA system panel	N/A	N/A	N/A
	d) Battery backup	N/A	N/A	N/A
	e) Building floor plan	N/A	N/A	N/A
20.	Special Fire Protection System for Protection of special Risk, if any:	CO2 panel flooding for HT & LT and electrical panel.	Provided	MR

The fire protection systems provided in the building were randomly tested, checked and found functional at the time of inspection. Shortcomings communicated vide letter No. F6/DFS/MS/2018/NDZ/4530 dated 29/10/2018 have been rectified.

In view of the deemed compliance of the minimum standards of fire prevention and fire safety measures as required under the rules the FSC/NOC issued vide letter no. F6/DFS/MS/2009/3824 dated 17/12/2009 renewal under rule 35 of the Delhi Fire Service rules 2010, is recommended.

Signature of the Inspecting Officer

M.K. Sharma
11/11/21

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

Dy. CEO/NDZ

M.K. Sharma
12/10/21

CFO (H.O.)

[Signature]
12/10/21

