



GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE, NEW DELHI - 110001

No. F6/DFS/MS/DMRC/NDZ/2023/ 376

Dated: 09/08/2023

FIRE SAFETY CERTIFICATE

Certified that Chandni Chowk Underground Metro Station (Line-2) Delhi, comprised of Ground floor with two basements (Concourse and Platform). The metro station was granted Fire Safety Certificate by this department vide letter no. F6/DFS/MS/NDZ/2020/271 dated 24.07.2020. The building/premises was re-inspected by officer concerned of this department on 02.08.2023 in presence of Mr. Vikas Bhardwaj (Manager/ Fire) and found that the building has deemed complied with the fire prevention and fire safety requirements in accordance with Rule 33 of Delhi Fire Service Rules, 2010 and that the building/ premises is fit for occupancy of class D-7 "Assembly building", with effect from 09/08/2023 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 conditions under rule 38 of Delhi Fire service Rules, 2010 printed below.

Issued on 09/08/2023 at New Delhi by


(Atul Garg)
Director
Delhi Fire Service o/c
Tel: 011-23414000

Copy to:-

1. Mr. Vivek Shrivastava,
JGM/E&M, DMRC Ltd., Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-01.
2. Sh. Vikas Bhardwaj,
Manager/Fire, Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-01.

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. Basement shall be used as per NBC/BBL1983.
6. This fire safety certificate may not be treated in any case for regularization of unauthorized construction, if any.
7. 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
8. The access around the blocks as submitted in the plans submitted by principal Architect Design plus shall be kept clear of any obstruction for free movement of fire units in case of emergency.
9. 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".
Any change in the occupancy shall be intimated to this Deptt. and approval shall be obtained thereto before occupancy of the same.

N/13 INSPECTION REPORT

1.	Name and address of the building:	Chandni Chowk Underground Metro Station (Line-2) Delhi - 06.
2.	Type of occupancy with details of floors:	Assembly Building (D7 as per NBC Part IV 2005) Ground floor with two basement (Concourse and Platform)
3.	Type of case:	RENEWAL
4.	Details of previous FSC:	No. F6/DFS/MS/NDZ/2020/271 dated 24.07.2020
5.	Fire safety directives no.:	NA
6.	Date of inspection:	02.08.2023
7.	Name of the inspecting officer:	Sumit Kumar, ADO (SPM)
8.	Name and designation of the officer from the building side:	Mr. Vikas Bhardwaj, (Manager/Fire)
9.	Year of construction:	2005
10.	Reference letter no.:	DMRC/O&M/Fire/NOC/L-2/2023/07/01 dated 10.07.2023

S.No	Minimum standard of Fire Prevention and Fire Safety U/R 33	Requirements as per NFPA	Provide at site (PSS)	Remarks MR/NM/R		
1	Access to Building					
A	Road width	06 mtrs	08 mtrs	MR		
B	Gate width	2 mtrs	4.5 mtrs	MR		
C	Width of internal roads	NA	NA	NA		
2	Number, Width, Type & Arrangement of Exits					
A	No. Of Staircase:					
a)	Upper Floor	05 no.	05 no. Ground to concourse	MR		
b)	Basements	04 no.	04 no. (Concourse to Platform)	MR		
B	Width of the Staircase:					
a)	Upper floors	2 m	Provided	MR		
	S.no	Location	No.	Location	Staircase width	
				From	To	
	1	Gate no-1	01	Ground	Concourse	3.4 m
	2	Gate no-2	01	Ground	Concourse	4.5 m
	3	Gate no-3	01	Ground	Concourse	4.3 m
	4	Gate no-4	01	Ground	Concourse	4.5 m
	5	Gate no-5	01	Ground	Concourse	3.4 m
	6	Firemen Staircase	01	Ground	Platform & Under croft	1.5 m
	7	Staircase in paid area	01	Concourse	Platform	4.0 m
b)	Basements	02 mtrs	2.5 mtrs		MR	
C	Protection of Exits					
a)	Fire Check Door	Required	Provided	MR		
b)	Pressurization	Required	Provided	MR		
D	No. Of continuous staircase to terrace:	01 no.	02 no.	MR		
E	Width of the corridor	2 m	2 m	MR		
F	Door size	2 m	2.1 m	MR		
3	Compartmentation:					
A	Fire Check doors	Required	Provided	MR		
B	Sealing of Electrical Shafts	Required	Provided	MR		
C	Fire rating of shaft Doors	Required (2 hrs) rating	Provided	MR		
D	Water curtain	NA	NA	NA		
	Fire dampers	Required	Provided	MR		
4	Smoke management System:					
A	Basements					
	1)Track way Exhaust Systems	Required	Provided	MR		
	2)Tunnel Exhaust Systems	Required	Provided	MR		
	3) Under Platform Exhaust Systems	Required	Provided	MR		
	4) Mechanical Ventilation of other Sub surface areas	Required	Provided	MR		
B	Upper floors	12 ACPH	Exhausts fan & natural ventilation	MR		
5	Fire extinguishers					
A	Total numbers	53 no.	53 no.	MR		
B	Types	ABC, DCP & CO ₂	Provided	MR		
C	ISI marking	Required	Provided	MR		

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6	First Aid Hose reel			
A	Total no. at each floor	06 no.	05 no. Concourse 06 no. on Platform	MR
B	Length of Hose Reel	30 mtrs	30 mtrs	MR
C	Nozzle diameter	5 mm	5 mm (Plastic Nozzles to be replaced by Brass nozzles)	MR
7	Automatic Fire Detection and Alarm System (ADAS)			
A	Type of Detectors	Smoke & Heat	Provided	MR
B	Location of main Panel	Required	Provided at Station Control Room	MR
C	Location of Repeater Panel	Required	Provided at Concourse level	MR
D	Alternate power of Source	Required	DG set Provided	MR
E	Hooter's location	Required	Provided	MR
8	MOEFA	Required	Provided	MR
9	Public Address System	Required	Provided	MR
10	Automatic Sprinkler System			
A	Basement	Required	Provided	MR
B	Upper Floor	NA	NA	NA
C	Sprinklers above false ceiling	NA	NA	NA
D	Under Platform Medium Velocity Spray Systems	Required	Provided	MR
11	Internal hydrants			
A	Size of the riser/down comer	150 mm	150 mm	MR
B	No. of rises	04 no.	05 no (04 no. internal hydrant) 01 no. (under platform medium velocity water spray system)	MR
C	No. Of hydrants per floor	Required	06 no. Platform 05 no. concourse 03 no. back of house 01 no. Ancillary bldg	MR
D	Hose box	Required	Provided	MR
12	Yard Hydrants			
A	Total no. of hydrants	01 no.	01 no.	MR
B	Hose box	01 no.	01 no.	MR
13	Pumping arrangements			
A	Ground Level			
a)	Discharge of main pump	2850 LPM	2850 LPM	MR
b)	Head of main pump	70 m	70 m	MR
c)	Number of main pump	02 no.	02 no.	MR
d)	Discharge of jockey pump	240 LPM	240 LPM	MR
e)	Head of jockey pump	110 m	110 m	MR
f)	Discharge of Standby pump	2850 LPM	2850 LPM	MR
g)	Head of Standby pump	70 m	70 m	MR
h)	Auto starting/ manual stopping	Required	Provided	MR
B	Terrace Level			
a)	Discharge of terrace pump	NA	NA	NA
b)	Head of terrace pump	NA	NA	NA
c)	Alternate power supply	NA	NA	NA
d)	Auto starting of pump	NA	NA	NA
14	Captive Water Storage for Fire Fighting			
A	Underground tank Capacity	NA	NA	NA
B	Draw off connection	Required	Provided	MR
C	Fire Service Inlet	Required	Provided	MR
E	Access to tank	NA	NA	NA
F	Overhead Tank Capacity	1,00,000 Ltrs	2,00,000 Ltrs	MR
15	Exit Signage	Required	Provided	MR
16	Provision of lift			
A	Pressurization of lift shaft	NA	NA	NA
B	Pressurization of lift lobby	NA	NA	NA
C	Communication in lift car	Required	Provided	MR
D	Fireman switch	Required	Provided	MR
E	Lift signage	Required	Provided	MR
17	Standby Power Supply	Required	Provided	MR

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18 Refuge Area				
A	location	NA	NA	NA
B	Total area	NA	NA	NA
19 Fire Control Room				
A	Fire Detection System panel	Required	Provided	MR
B	Flow switch panel	Required	Provided	MR
C	P A system panel	Required	Provided	MR
D	Battery backup	Required	Provided	MR
E	Building floor plan	Required	Provided	MR
20 Special Fire Protection for special risk if any clean: Inergen gas flooding system protection provided for ASS & UPS rooms				

The fire protection and Mechanical Ventilation system was randomly checked and tested and was found functional at the time of inspection.

Keeping in view of the deemed compliance of minimum standards of fire prevention and fire safety measures as required under the Rules, the FSC issued vide letter No. F6/DFS/MS/NDZ/2020/271 dated 24.07.2020 is recommended to be renewed under Rule 35 of the Delhi Fire Service Rules 2010.

Sumit Kumar
02/08/2023
Signature of the Inspecting Officer
Name Sumit Kumar
Designation ADO (SPM)

DO (CD)

DO
2/8/23

Dy. Insp. (CD)

ADDO
02/08/23

C.F.O.

ADDO
3/8/2023

Director
7/8/23

ADDO/SPM

F.T. letter is put up for signature, please.

Director (DFS)
8/8/23
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Sumit Kumar
08/08/2023