



FIRE SAFETY CERTIFICATE

Certified that the **Sukhdev Vihar Metro Station, New Delhi (Line -8 Janakpuri West to Kalindi Kunj Section)**, comprised of Ground, Concourse and Platform level was granted Fire Safety Certificate by this department vide letter no. F6/DFS/MS/Metro/2021/SZ/34 dated 18.01.2021. The building/premises was re-inspected by Assistant Divisional Officer (M. Road) from this department on 09.04.2024 in presence of Mr. Bhirgu (AM/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. Accordingly, the premises is fit for occupancy of class D "Assembly (D -7, Metro Station)" with effect from15/04/2024... 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 on15/04/2024.....at New Delhi by

(Atul Garg)

Director

Delhi Fire Service

09/4/24

Copy to:-

1. The JGM/E&M, DMRC Ltd., Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-01.

Conditions for the validity of Fire Safety Certificate

1. This FSC is valid for Metro Station only excluding PD & Parking Area.
2. All the fire safety arrangements provided therein shall be maintained in good working conditions at all times.
3. Any loss of life or property due to non functional fire safety measures shall be at the responsibility of the management.
4. The trained fire fighting staff should be available round the clock.
5. Any deviation w.r.t. construction etc. shall be verified by the concerned building sanctioning authority.
6. Basement shall be used as per NBC/BBL1983.
7. This fire safety certificate may not be treated in any case for regularization of unauthorized construction, if any.
8. 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
9. 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.
10. 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.

07/11

INSPECTION REPORT

1	Name & address of the building	Sukhdev Vihar Metro Station, New Delhi- Line 8 (Janakpuri West to Kalindi Kunj Section)		
2	Building is comprised of	Ground, Concourse and Platform level.		
3	Type of occupancy	Group – D Assembly (Metro Station)		
4	Type of case	Renewal		
5	Details of previous FSC	F6/DFS/MS/Metro/2021/SZ/34 dated 18.01.2021		
6	Fire safety direction letter no.	F6/DFS/MS/BP/2013/357 dated 23.01.2013		
7	Date of inspection	09.04.2024		
8	Name of the inspecting officers	Rajesh Kumar Shukla ADO (M. Road)		
9	Name of the designation of officer from the building side	Mr. Bhirgu (AM/Fire)		
10	Year of construction	2017		
11	Applicant's letter no.	Outdoor diary no. 11359 dated 29.12.2023		
S.No	Minimum Standards on fire Prevention and fire safety requirements U/R 33	Requirement/ Existing fire safety arrangements	Provided at Site	Remarks MR/ NMR
1	Access To Building:			
	Road width	12.0 mtrs	Provided	MR
	Gate width	NA	NA	NA
	Width of internal road	NA	NA	NA
2	Number, Width, Type and Arrangement of Exits:			
	A	Number of staircases		
	a	Upper floor	Required	GF to CC level-04 nos. CC to PF level- 04 nos.
	b	Basement	NA	NA
	B	Width of staircases		
	a	Upper floor	2.0 mtrs	GF to CC- 2.0 nos. of 3.5 m & 2 nos. of 2.4 m CC to PF- 2.0 nos. of 4 m, & 2 nos. of 3.1 m.
	b	Basement	NA	NA
	C	Protection of exits		
	a	Fire check door	NA	NA
	b	Pressurization	NA	NA
	D	No. of continuous staircases to terrace	NA	NA
	E	Width of corridor	1.5 mtrs.	Provided
	F	Door size	2.0 mtrs.	Provided
3	Compartmentation:			
	A	Fire check door	Required in Technical Rooms	Provided
	B	Sealing of electrical shafts	Required	Provided
	C	Fire rating of shaft door	NA	NA
	D	Water curtain	NA	NA
	E	Fire dampers	NA	NA
4	Smoke Management System:			
	A	Basement	NA	NA
	B	Upper floor	NA	NA
5.	Fire Extinguisher:			
	A	Total numbers	36	Provided
	B	Types	CO ₂ /W.CO ₂	18/18 nos.
	C	ISI marking	ISI marked	Yes
6	First-Aid-Hose Reels:			
	A	Total numbers of each floor	Required	3 nos. at concourse & 2 nos. on each Platform
	B	Length of hose reel hose	45m	Provided
	C	Nozzle diameter	6 mm	Provided

Automatic Fire Detection And Alarming System:				
7	Smoke & heat		Provided	MR
A	Type of detectors	Station Control Room	Provided	MR
B	Location of main panel	NA	Near ASS	NA
C	Location of repeater panel	NA	Provided	MR
D	Alternate source of power	Required	Provided	MR
E	Hooters	Entire building	Provided	MR
8	MOEFA:		Required	NA
9	Public Address System:		NA	Provided
10	Automatic Sprinkler System:			
A	Basement	NA	NA	NA
B	Upper floor	NA	NA	NA
C	Sprinkler above false ceiling	NA	NA	NA
11	Internal Hydrants:			
A	size of riser/down-comer	100 mm	Provided	MR
B	Number of hydrants per floor	3 nos. at concourse & 2 nos. on each Platform	Provided	MR
C	Hose box	3 nos. at concourse & 2 nos. on each Platform	Provided	MR
12	Yard Hydrants:			
A	Total number of hydrants	03 nos.	Provided	MR
B	Hose box	03 nos.	Provided	MR
13	Pumping Arrangements:			
A	Ground level			
a)	Discharge of main pump	1800 LPM	Provided	MR
b)	Head of main pump	70 m	Provided	MR
c)	Number of main pumps	One	Provided	MR
d)	Jockey pump out put	180 LPM	Provided	MR
e)	Jockey pump head	70 mtrs.	Provided	MR
f)	Standby pump out put	1800 LPM (electric)	Provided	MR
g)	Standby pump head	70 mtrs.	Provided	MR
h)	Auto starting /manual stopping	Required	Provided	MR
i)	Pump house access	Required	Provided	MR
B	Terrace level			
a)	Discharge of pump	NA	NA	NA
b)	Head of the pump	NA	NA	NA
c)	Power supply	NA	NA	NA
d)	Auto starting of pump	NA	NA	NA
14	Captive Water Storage For Fire Fighting:			
A	Underground tank capacity	50,000 ltrs.	Provided	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	NA	10,000 ltrs	NA
15	Exit Signage:		Required	Provided
16	Provision of Lifts:			
A	Pressurization of lift shaft	NA	NA	NA
B	Pressurization of lift lobby	NA	NA	NA
C	Communication in lift car	NA	Provided	NA
D	Firemen's grounding switch	NA	Provided	NA
E	Lift signage	NA	Provided	NA
17	Standby Power Supply:		Required	Provided

18	Refuge Area:			
	A	Total area	NA	NA
	B	Location	NA	NA
19	Fire Control Room :			
	A	Detector system panel	NA	Provided
	B	Flow switch panel	NA	NA
	C	Pa system panel	NA	Provided
	D	Battery backup	NA	Provided
	E	Building floor plans	NA	Provided
20	Special Fire Protection Systems For Protection of Special Risks, If Any:		Gas flooding in HT, LT panel, LT distribution board and essential power panels and other such major panels	NA

Meeting Requirement (MR), Not Meeting Requirement (NMR), Not Applicable (NA), Provided but Not Functional (PNF), Not Provided (NP).

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

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/Metro/2021/SZ/34 dated 18.01.2021 is recommended to be renewed under Rule 37 of the Delhi Fire Service Rules 2010.

Handwritten signature
09/4/24

Signature of the Inspecting Officer
Name Rajesh Kumar Shukla
Designation ADO (M. Road)

DO (SD)

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19/4

Handwritten signature
12/11/2021

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Director

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17/4/24

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ADP MRM