



F6/DFS/MS/Metro/SZ/2023/ 477

Dated: 06/10/2023

FIRE SAFETY CERTIFICATE

Certified that the **Badarpur Metro Station, New Delhi (Line - 6)**, comprised of Ground, Concourse and Platform level was granted Fire Safety Certificate by this department vide letter no. F6/DFS/MS/Metro/2020/SZ/304 dated 11.08.2020. The building/premises was re-inspected by Assistant Divisional Officer (M. Road) from this department on 3.10.2023 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 Railways)" with effect from 06/10/2023 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 06/10/2023 at New Delhi by

(Atul Garg)
Director

Delhi Fire Service

02/10/23. M

Copy to:-

1. Mr. Vivek Shrivastava, 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.

2/19

INSPECTION REPORT

1	Name & address of the building	Badarpur Metro Station, New Delhi. (Line - 6).		
2	Building is comprised of	Ground, Concourse and Platform level.		
3	Type of occupancy	Assembly (D - 7)		
4	Type of case	Renewal		
5	Details of previous FSC	F6/DFS/MS/Metro/2020/SZ/304 dated 11.08.2020		
6	Fire safety direction letter no.	F6/DFS/MS/BP/2008/3480 dated 18.12.2008		
7	Date of inspection	3.10.2023		
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	2008-09		
11	Applicant's letter no.	Outdoor diary no. 4425 dated 02.08.2023		
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	Required	9.0 mtrs	MR
	Gate width	NA	Directly accessible	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-02 nos. CC to PF level- 04 nos.	MR
	b Basement	NA	NA	NA
B	Width of staircases			
	a Upper floor	Required	GF to CC- 3.30 m each CC to PF- 2.40 m each	MR
	b Basement	NA	NA	NA
C	Protection of exits			
	a Fire check door	Required	Provided	MR
	b Pressurization	NA	NA	NA
D	No. of continuous staircases to terrace	Required	2 nos.	MR
E	Width of corridor	2.0 mtrs.	Provided	MR
F	Door size	1.5 mtrs.	Provided	MR
3	Compartmentation:			
A	Fire check door	Required	Provided	MR
B	Sealing of electrical shafts	Required	Provided	MR
C	Fire rating of shaft door	NA	NA	NA
D	Water curtain	NA	NA	NA
E	Fire dampers	NA	NA	NA
4	Smoke Management System:			
A	Basement	30 ACPH	NA	NA
B	Upper floor	12 ACPH	NA	NA

Badarpur Metro Station, New Delhi. (Line - 6).

5. Fire Extinguisher:				
A	Total numbers	Required	33 nos.	MR
B	Types	Required	CO ₂ -24 & W.CO ₂ -09	MR
C	ISI marking	ISI marked	ISI marked	MR
6 First-Aid-Hose Reels:				
A	Total numbers of each floor	Required	CC level - 02 nos. PF level -04 nos.	MR
B	Length of hose reel hose	Required	45 mtrs.	MR
C	Nozzle diameter	Required	5 mm	MR
7 Automatic Fire Detection And Alarming System:				
A	Type of detectors	Required	Smoke detector	MR
B	Location of main panel	Required	Stn. control room	MR
C	Location of repeater panel	Required	Stn. concourse level	MR
D	Alternate source of power	Required	Provided DG Set	MR
E	Hooters	Required	Provided at all levels	MR
8	MOEFA:	Required	Provided	MR
9	Public Address System:	Required	Provided	MR
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	Required	100 mm	MR
B	Number of hydrants per floor	Required	GD to CC level-02 nos. PF level- 04 nos.	MR
C	Hose box	Required	GD to CC level-02 nos. PF level- 04 nos.	MR
12 Yard Hydrants:				
A	Total number of hydrants	Required	2 nos.	MR
B	Hose box	Required	2 nos.	MR
13 Pumping Arrangements:				
A Ground level				
a)	Discharge of main pump	1800 LPM	1800 LPM	MR
b)	Head of main pump	80 m	80 m	MR
c)	Number of main pumps	Two	Two	MR
d)	Jockey pump out put	180 LPM	180 LPM	MR
e)	Jockey pump head	80 mtrs.	80 mtrs.	MR
f)	Standby pump out put	1800 LPM	1800 LPM	MR
g)	Standby pump head	80 mtrs.	80 mtrs.	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

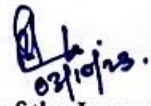
Badarpur Metro Station, New Delhi. (Line - 6).

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	NA	NA
15	Exit Signage:	Required	Provided	MR
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	Required	Provided	MR
D	Firemen's grounding switch	Required	Provided	MR
E	Lift signage	Required	Provided	MR
17	Standby Power Supply:	Required	Provided DG Set	MR
18	Refuge Area:			
A	Total area	NA	NA	NA
B	Location	NA	NA	NA
19	Fire Control Room :			
A	Detector system panel	NA	NA	NA
B	Flow switch panel	NA	NA	NA
C	Pa system panel	NA	NA	NA
D	Battery backup	NA	NA	NA
E	Building floor plans	NA	NA	NA
20	Special Fire Protection Systems For Protection of Special Risks, If Any:	Co2 flooding system found provided in electrical panel		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/2020/SZ/304 dated 11.08.2020 is recommended to be renewed under Rule 35 of the Delhi Fire Service Rules 2010.


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

DO (SD)

Handwritten signature
 11/11/2023

Handwritten signature
 11/11/2023