

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


No. F6/DFS/MS/NDZ/2022/ 590

Dated: 01/12/2022

**FIRE SAFETY CERTIFICATE**

Certified that **Kashmere Gate Under Ground Metro Station (Line-II)**, comprised of **Ground floor with two basements (Concourse & Platform), Excluding Kiosks**. The metro station was granted FSC by this department vide letter no. F6/DFS/MS/ 2006/740 dated 24.03.2006. The building/premises was re-inspected by officers concerned of this department on 11.11.2022 in presence of Mr. Vikas Bhardwaj (Manager/ Fire) of DMRC 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 01/12/2022 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 01/12/2022 at New Delhi by

  
29/11/22  
(S. K. Dua)

Dy. Chief Fire Officer  
Delhi Fire Service  
Tel: 011-23412222

**Copy to:-**

1. Sr. DGM/E&M, Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-01.
2. Sh. Vikas Bhardwaj (AM/Fire-II),  
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](http://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.

## INSPECTION REPORT

1	Name & address of the building	Kashmere Gate Under Ground Metro Station (Line-II).		
2	Building is comprised of	Ground floor with two basements (Concourse & Platform), Excluding Kiosks		
3	Type of occupancy	Assembly (D - 7)		
4	Type of case	Renewal		
5	Details of previous FSC	F6/DFS/MS/ 2006/740 dated 24.03.2006		
6	Fire safety direction letter no.	NA		
7	Date of inspection	13.11.2022		
8	Name of the inspecting officers	Sumit Kumar ADO (SPM)		
9	Name of the designation of officer from the building side	Mr. Vikas Bhardwaj (Manager/ Fire)		
10	Year of construction	2006		
11	Applicant's letter no.	email dated 12.10.2022		
S.No	<b>Minimum Standards on fire Prevention and fire safety requirements U/R 33</b>	<b>Requirement/ Existing fire safety arrangements</b>	<b>Provided at Site</b>	<b>Remarks MR/ NMR</b>
1	<b>Access To Building:</b>			
	Road width	12 mtrs.	provided	MR
	Gate width	Required	06 mtr. (On road)	MR
	Width of internal road	NA	NA	NA
2	<b>Number, Width, Type and Arrangement of Exits:</b>			
	<b>A</b> Number of staircases			
	a Upper Floor	NA	NA	NA
	b Basements	04 nos.	Platform to concourse- 05 nos., concourse to ground- 03 nos., concourse to plaza- 02 nos., platform to ground -02 nos., platform to plaza -- 01 nos.	MR
	<b>B</b> Width of staircases			
	a Upper Floor	NA	NA	NA
	b Basements	Required	Platform to concourse- (05 nos.)- 2.4 m each, concourse to ground (02 nos.)-1.7 & 3.6 m, concourse to plaza(ground floor) (02 nos.)- 2.65 m & 4.2 m, Platform to plaza (01 nos.)- 2.8 m.	MR
	<b>C</b> Protection of exits			
	a Fire check door	Required	Provided	MR
	b Pressurization	Required	Provided	MR
	<b>D</b> No. of continuous staircases to terrace	NA	NA	NA
	<b>E</b> Width of corridor	2.0 mtrs.	2.0 mtrs.	MR
	<b>F</b> Door size	2.0 mtrs.	2.0 mtrs.	MR
3	<b>Compartmentation:</b>			
	<b>A</b> Fire check door	Required	Provided	MR
	<b>B</b> Sealing of electrical shafts	Required	Provided	MR
	<b>C</b> Fire rating of shaft door	Required	02 hrs.	MR
	<b>D</b> Water curtain	NA	NA	NA
	<b>E</b> Fire dampers	Required	Provided	MR
4	<b>Smoke Management System:</b>			
	<b>A</b> Basement	30 ACPH	04 nos. Tunnel ventilation fans, 06 nos. Tunnel Booster fans & 06 nos. track way exhaust fans provided	MR
	<b>B</b> Upper floor	12 ACPH	NA	NA

14	<b>Captive Water Storage For Fire Fighting:</b>				
A	Underground tank capacity	2,00,000 ltr.	Provided	MR	
B	Draw off connection	Required	Provided	MR	
C	Fire service inlet	Required	Provided	MR	
D	Access to tank	NA	NA	NA	
E	Overhead tank capacity	NA	NA	NA	
15	<b>Exit Signage:</b>		Required	Provided	MR
16	<b>Provision of Lifts:</b>				
A	Pressurization of lift shaft	Required	Provided	MR	
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	<b>Standby Power Supply:</b>		Required	Provided	MR
18	<b>Refuge Area:</b>				
A	Total area	NA	NA	NA	
B	Location	NA	NA	NA	
19	<b>Fire Control Room :</b>				
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	<b>Special Fire Protection Systems For Protection of Special Risks, If Any:</b>		Inergen total gas flooding system provided in North & South ASS.	MR	

The fire protection 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/ 2006/740 dated 24.03.2006 is recommended to be renewed under Rule 35 of the Delhi Fire Service Rules 2010.

*Sumit Kumar*  
14/11/2022

Signature of the Inspecting Officer  
Name Sumit Kumar  
Designation ADO (SPM)

DO (CD)

*[Signature]*  
21/11/22

*[Signature]*

ADO (SPM)

F.T. please.

*[Signature]*  
28/11

F.T. letter is Put up for Signature, Please.

By: C.F.O. (NDZ)

*[Signature]*  
F.P. wing

*[Signature]*  
29/11/22

*Sumit Kumar*  
28/11/2022

5.	<b>Fire Extinguisher:</b>				
	A	Total numbers	111 nos.	76 + 31 + 04	MR
	B	Types	CO <sub>2</sub> & ABC & Water	Provided	MR
	C	ISI marking	Required	Provided	MR
6	<b>First-Aid-Hose Reels:</b>				
	A	Total numbers of each floor	24 nos.	10 nos. platform 13 nos. concourse level & 01 nos. - ground	MR
	B	Length of hose reel hose	30 mtrs.	30 mtrs.	MR
	C	Nozzle diameter	5 mm	5 mm	MR
7	<b>Automatic Fire Detection And Alarming System:</b>				
	A	Type of detectors (Smoke & heat)	Required	Provided	MR
	B	Location of main panel	Required	Provided at station control room	MR
	C	Location of repeater panel	Required	Provided in firemen staircase	MR
	D	Alternate source of power	Required	Provided	MR
	E	Hooters	Required	Provided at platform subway and concourse level	MR
8	<b>MOEFA:</b>		Required	Provided	MR
9	<b>Public Address System:</b>		Required	Provided	MR
10	<b>Automatic Sprinkler System:</b>				
	A	Basement	Required	MVWS Provided under platform on both platforms	MR
	B	Upper floor	NA	Provided	NA
	C	Sprinkler above false ceiling	NA	NA	NA
11	<b>Internal Hydrants:</b>				
	A	size of riser/down-comer	150 mm	150 mm- 02 nos.	MR
	B	Number of hydrants per floor	Required	Platform level -04 nos., Concourse - 11 nos. & Ground - 01 nos.	MR
	C	Hose box	Required	Provided	MR
12	<b>Yard Hydrants:</b>				
	A	Total number of hydrants	01 nos.	01 nos.	MR
	B	Hose box	01 nos.	01 nos.	MR
13	<b>Pumping Arrangements:</b>				
	A	Ground level			
	a)	Discharge of main pump	2850 L.P.M	4731 LPM	MR
	b)	Head of main pump	70 m	110 m	MR
	c)	Number of main pumps	02 nos.	02 nos.	MR
	d)	Jockey pump out put	240 L.P.M	379 L.P.M	MR
	e)	Jockey pump head	110 mtrs.	110 mtrs.	MR
	f)	Standby pump out put	2850 L.P.M	4731 L.P.M	MR
	g)	Standby pump head	70 mtrs.	110 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	