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

No. F.6/DFS/MS/Metro/2024/SZ/19

Dated: 08/01/2024

**FIRE SAFETY CERTIFICATE**

Certified that the **Khan Market Underground Metro Station (Line-6)** located at Khan Market, New Delhi, comprised of three level (Undercroft, Platform & Concourse), owned/occupied by Delhi Metro Rail Corporation was earlier issued Fire Safety Certificate by this department vide letter No. F6/DFS/MS/2020/554 dated 30/12/2020. The premises was re-inspected by the officer concerned of this department on 29/12/2023 in presence of Sh. Pankaj Kumar (Fire Inspector) and observed that the said premises have deemed complied with 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 "**Assembly Group-D**" (Metro Station) with effect from 08/01/2024 for a period of **three years** in accordance with rule 36 unless renewal 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 08/01/2024 at New Delhi by

(ATUL GARG)  
DIRECTOR  
DELHI FIRE SERVICE

Copy to: -

1. Sh. Malay Saha (GM / Elect & Tech), Delhi Metro Rail Corporation Limited, Metro Bhawan, 13, Fire Brigade Lane, Barakhamba Road, New Delhi-110001

**Conditions for the validity of Fire Safety Certificate:**

1. All the means of escape/entry/exit shall be kept free from any obstruction.
2. All the fire safety arrangement provided therein shall be maintained in good working conditions at all time as seen during inspection. Any loss of life property due to non-functional fire safety measures shall be at the responsibility of the management.
3. All the staff members must know the correct method of operation of fire fighting system.
4. Any deviation with regard to construction, ventilation, occupancy, electric installation etc, may be got verified from concerned authorities.
5. The basement shall be used as per the provisions of BBL
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](http://www.dfs.delhigovt.nic.in)
7. This fire safety certificate may not in any way be treated as regularization (Clause 2.8 of UBBL-2016) of unauthorized construction or alteration (Clause 1.4.3 of UBBL-2016), if any.
8. The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director in Form 'J' [sub rule (1) of rule 37] along with a copy of this Certificate, six months prior to its expiry".

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## INSPECTION REPORT

1.	Name & address of the building	Khan Market Underground Metro Station (Line-6), Khan Market, New Delhi		
2.	Type of Occupancy	Assembly (Group-D)		
3.	Building Comprised of	Three Level (Undercroft, Platforms & Concourse)		
4.	Type of Case	Renewal		
5.	Details of previous NOC	F6/DFS/MS/2020/554 dated 30/12/2020		
6.	Fire Safety directives Letter	NBC/NFPA		
7.	Date of inspection	29/12/2023		
8.	Name of Inspecting Officer	ADO (SJ) Santosh Kumar		
9.	Name and designation of Officer from building side	Sh. Pankaj Kumar (Fire Inspector)		
10.	Year of Construction	2010		
11.	Applicant letter No.	Outdoor Diary No. 10133 dated 28/11/2023		
S. No.	Minimum standards on fire prevention and fire safety U/R 33	Requirement / Existing Fire Protection System	Provided at site	Remarks MR/NMR
1.	Access of building			
	• Road width	12m	Provided	MR
	• Gate width	6m	Provided	MR
	• Width of internal road	6m	Provided	MR
2.	Number, width, Type & Arrangements of exits			
	a. Number of staircases			
	• Upper floors	NA	NA	NA
	• Basements	2 nos.	GF to CC= 5, CC to Pt.= 5 & Pt. to undercroft= 2	MR
	b. Width of staircases			
	• Upper floors	NA	NA	NA
	• Basements	2m	GF to CC= 3m x 4, 1.25m x 1, CC to Pt.=2.30m x 4 & 1.25m x 1 Pt. to undercroft = 1.25m x 2	MR
	c. Protection of exits			
	• Fire check door	NA	NA	NA
	• Pressurization	NA	NA	NA
	d. No of continuous staircase to terrace	NA	NA	NA
	e. Width of Corridor	NA	NA	NA
	f. Door Size	2m	Provided	MR
3.	Compartmentation			
	• Fire check door	Required	Provided	MR
	• Sealing of electrical shafts	Required	Provided	MR
	• Fire Rating of shaft door	Required	Provided	MR
	• Water Curtain	NA	NA	NA
	• Fire Dampers	Required	Provided	MR
4.	Smoke managements System			
	• Basements	30 ACPH	As per Engg. Analysis	MR
	• Upper floors	NA	NA	NA
5.	Fire Extinguishers			
	• Total numbers	80 nos.	83 nos.	MR
	• Types	ABC/ CO <sub>2</sub>	ABC & CO <sub>2</sub>	MR
	• ISI marking	ISI marked	Provided	MR
6.	First-Aid Hose Reels			
	• Total numbers on each floor	Required	Provided	MR
	• Length of hose reel hose	30m	45m	MR
	• Nozzle diameter	6m	6.5mm	MR

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7.	<b>Automatic fire detection and alarming system</b>			
	<ul style="list-style-type: none"> <li>• Type of detector</li> <li>• Location of Main Panel</li> <li>• Location of Repeater Panel</li> <li>• Alternate source of power</li> <li>• Hooters' Location</li> </ul>	Smoke	Provided	MR
		Concourse	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Concourse, Platform, undercroft & ancillary bldg	MR
8.	<b>MOEFA</b>	NA	Provided	NA
9	<b>Public Address System</b>	Required	Provided	MR
10	<b>Automatic Sprinkler System</b>			
	<ul style="list-style-type: none"> <li>• Basements</li> <li>• Upper Floors</li> <li>• Sprinkler above false ceiling</li> </ul>	Required	Provided	MR
		NA	NA	NA
		NA	NA	NA
11	<b>Internal Hydrants</b>			
	<ul style="list-style-type: none"> <li>• Size of riser/down-comer</li> <li>• Number of hydrants per floor</li> <li>• Hose Box</li> </ul>	150 mm	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
12	<b>Yard Hydrants</b>			
	<ul style="list-style-type: none"> <li>• Total number of hydrants</li> <li>• Hose Box</li> </ul>	Required	Provided	MR
		Required	Provided	MR
13	<b>Pumping Arrangements</b>			
	• <b>Ground Level</b>			
	➤ Discharge of main pump	2839 LPM	Provided	MR
	➤ Head of main pump	75m	Provided	MR
	➤ Number of main pumps	Two	Provided	MR
	➤ Jockey pump out put	189 LPM x 2	Provided	MR
	➤ Jockey pump head	56m (each)	Provided	MR
	➤ Standby Pump out put	2839 LPM x 2	Provided	MR
	➤ Standby Pump Head	70m	Provided	MR
	➤ Auto Starting/Manual stopping	Required	Provided	MR
	➤ Pump House Access	Required	Provided	MR
	• <b>Terrace level</b>			
	➤ Discharge of pump	NA	NA	NA
	➤ Head of the pump	NA	NA	NA
	➤ Power supply	NA	NA	NA
	➤ Auto starting of pump	NA	NA	NA
14	<b>Captive water Storage for fire fighting</b>			
	<ul style="list-style-type: none"> <li>• Underground tank capacity <ul style="list-style-type: none"> <li>➤ Draw of connection</li> <li>➤ Fire service inlet</li> <li>➤ Access to tank</li> </ul> </li> <li>• Overhead Tank capacity</li> </ul>	2,00,000 Ltrs	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		2,00,000 Ltrs (As per clause 28 J-9.1.9)	Provided	MR
		Required	Provided	MR
15	<b>Exit Signage</b>			
16.	<b>Provision of Lifts</b>			
	<ul style="list-style-type: none"> <li>➤ Pressurization of Lift Shaft</li> <li>➤ Pressurization of lift lobby</li> <li>➤ Communication in lift Car</li> <li>➤ Fireman's Grounding Switch</li> <li>➤ Lift Signage</li> </ul>	NA	NA	NA
		NA	NA	NA
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
17.	<b>Standby power supply</b>			
18.	<b>Refuge Area</b>			
	<ul style="list-style-type: none"> <li>➤ Total area</li> <li>➤ Location</li> </ul>	NA	NA	NA
		NA	NA	NA

19.	<b>Fire control room</b>			
	➤ Detector system panel	Required	Provided	MR
	➤ Flow Switch Panel	Required	Provided	MR
	➤ PA System Panel	Required	Provided	MR
	➤ Battery backup	Required	Provided	MR
	➤ Building Floor Plans	Required	Provided	MR
20.	Special Fire Protection Systems for Protection of special Risks, if any;	Required in electrical panels / stations etc.	Provided	MR

The Fire protection systems provided in the building/premises were checked, tested at random and found functional at the time of inspection.

Keeping in view of the deemed compliance of the minimum standards on fire prevention and fire safety measures as required under the rules, the Fire Safety Certificate issued vide letter No. F6/DFS/MS/2020/554 dated 30/12/2020, renewal under rule 37 of Delhi Fire Service Rules 2010 is recommended.

Accordingly, DFA is put up for approval and signature please.

*Santosh Kumar*  
01.01.24  
Signature of the Inspecting Officer  
Name: Santosh Kumar  
Designation: ADO (SJ)

DO (SD)

*mm*  
05/1/24

CFO on leave

~~Director~~ *mm*  
4/1/24  
ADO (SJ)

Sir, F.T letter is printed for your signature pl.

~~Director~~ *mm*  
4/1/24  
*mm*

*Santosh Kumar*  
05.01.24