

FORM 'H'
FORM FOR ISSUING FIRE SAFETY CERTIFICATE
[Refer sub - rule (1) of rule 35]
GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEAD QUARTERS: DELHI FIRE SERVICE, CONNAUGHT PLACE
NEW DELHI

No. F6/DFS/MS/2020/554

Dated: 30/12/2020

FIRE SAFETY CERTIFICATE

Certified that the Khan Market Under Ground Metro Station located at Khan Market, New Delhi, comprised of three levels (Undercroft, Platform & Concourse) owned / occupied by Delhi Metro Rail Corporation was earlier issued Fire Safety Certificate / No Objection Certificate by this office vide letter No. F6/DFS/MS/2010/2851 dated 01/10/2010. The premises was re-inspected by the officer concerned of this department on 12/12/2020 in the presence of Mr. Pranjal (Fire Inspector) and observed that all the Fire prevention and Fire Safety arrangements provided in the premises found in good working condition. The premises have therefore, deemed complied with rule 33 of the Delhi Fire Service rules, 2010 and that the building / premises is fit for occupancy Class "Assembly" (Group D Sub Division D - 7) with effect from 30 /12 /2020 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 compliance of conditions under 38 of the Delhi Fire Service rules, 2010.

Issued on 30-12-2020..... at New Delhi by.



(SUNIL CHAUDHARY)

DY. CHIEF FIRE OFFICER (S.Z.).

Copy to:

1. Sh. Vivek Srivastava (JGM/E&M), Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-110001.

Conditions for the validity of Fire Safety Certificate:

1. All the fire safety arrangements provided therein shall be maintained in good working condition at all times.
2. Any loss of life or property due to non-functional fire safety measures shall be at the risk and responsibility of the management.
3. The trained staff should be available round the clock.
4. Any deviations w.r.t. construction shall be verified by the concerned building sanctioning agency.
5. The basement shall be used as per building bye laws 1983.
6. The certificate may not be treated in any case for the regularization of the unauthorized construction, if any.
7. The owner/occupier shall submit a declaration every year in the form 'K' provided in the first schedule of Delhi Fire Service Rules 2010, form is available on www.dfs.delhigovt.nic.in.
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".

INSPECTION REPORT

1. Name & address of the building: **Khan Market Under Ground Metro Station, Khan Market, New Delhi.**
2. Type of Occupancy : Assembly (Group -D)
3. Type of Case : Renewal (Ground, Concourse & Platforms)
4. Details of previous NOC : F6/DFS/MS/2010/2851 dated 01/10/2010
5. Fire Safety directives Letter No. : NBC / NFPA
6. Date of inspection : 12/12/2020
7. Name of the Inspecting Officers : ADO(S.J.)
8. Name and designation of Officer
from the building side : Mr. Pranjal (Fire Inspector)
9. Year of Construction : 2010
10. Applicant's letter No. : DMRC/O&M/Fire/NOC/L-6/2020/51 Dated 20/07/2020

S No	Minimum standards on fire prevention and fire safety U/R 33	NFPA / NBC Requirements	Provided at site	Remarks MR/NMR
1.	Access of building			
	• Road width	12 m	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	Ground F. to Concourse-5, Concourse to Platform-5. Platform to Undercroft- 2 ✓	MR
	b. Width of staircases			
	• Upper floors	NA	NA	NA
	• Basements	2.00 m	Ground F. to Concourse-3.00m x 4 & 1.25m x 1, Concourse to Platform- 2.30m x 4 & 1.25m x 1. Platform to Undercroft- 1.25m x 2 ✓	MR
	c. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	Provided	MR
	d. No of continuous staircase to terrace	NA	NA	MR
	e. Width Of Corridor	NA	NA	NA
	f. Door Size	2.00m	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	N/A	N/A	N/A
	• 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	83 ✓	MR
	• Types	ISI marked ABC/CO ₂	Provided	MR
	• IS marking	Required	Provided	MR

N/6

6.	First – Aid Hose Reels			
	• Total numbers on each floor	Required	Provided	MR
	• Length of hose reel hose	30 Mtr.	30 Mtr.	MR
	• Nozzle diameter	6 mm	6 mm	MR
7.	Automatic fire detection and alarming system			
	• Type of detector	Smoke	Provided	MR
	• Location of Main Panel	Concourse	Provided	MR
	• Location of Repeater Panel	Required	Provided	MR
	• Alternate source of power	Required	Provided UPS Supply	MR
	• Hooters' Location	Required	Concourse, platform, undercroft & Ancillary building	MR
8.	MOEFA	NA	Provided	NA
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	• Basements	Required	Provided	MR
	• Upper Floor	N/A	N/A	N/A
	• Sprinkler above false ceiling	N/A	N/A	N/A
11.	Internal Hydrants			
	• Size of riser/down-comer	150 mm	150 mm	MR
	• Number of hydrants per floor	Required	Provided	MR
	• Hose Box	Required	Provided	MR
12.	Yard Hydrants			
	• Total number of hydrants	Required	Provided	MR
	• Hose Box	Required	Provided	MR
13.	Pumping Arrangements			
	• Ground Level			
	• Discharge of main pump	2839 LPM	Provided	MR
	➤ Head of main pump	75 mtr	Provided	MR
	➤ Number of main pumps	2	Provided	MR
	➤ Jockey pump out put	189 LPM x 2 (each)	Provided	MR
	➤ Jockey pump head	56 mtr	Provided	MR
	➤ Standby Pump out put	2839 LPM x 2	Provided	MR
	➤ Standby Pump Head	70 mtr	Provided	MR
	➤ Auto Staring/Manual stopping	Required	Provided	MR
	➤ Pump House Access	Required	Provided	MR
	• Terrace level			
	➤ Discharge of pump	N/A	N/A	N/A
	➤ Head of the pump	N/A	N/A	N/A
	➤ Power supply	N/A	N/A	N/A
	➤ Auto starting of pump	N/A	N/A	N/A

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14.	Captive water Storage for fire fighting			
	• Under Ground tank capacity	2,00,000 ltr	Provided	MR
	➤ Draw of connection	Required	Provided	MR
	➤ Fire service inlet	Required	Provided	MR
	➤ Access to tank	Required	Provided	MR
	• Overhead Tank capacity	2,00,000 ltr (As per clause 28 J-9, 1.9)	Provided	MR
15	Exit Signage	Required	Provided	MR
16.	Provision of Lifts			
	➤ Pressurization of Lift Shaft	N/A	N/A	N/A
	➤ Pressurization of lift lobby	N/A	N/A	N/A
	➤ Communication in lift Car	Required	Provided	MR
	➤ Fireman's Grounding Switch	Required	Provided	MR
	➤ Lift Signage	Required	Provided	MR
17.	Standby power supply	Required	Provided	MR
18.	Refuge Area			
	➤ Total area	N/A	N/A	N/A
	➤ Location	N/A	N/A	N/A
19.	Fire control room			
	➤ 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 were test checked and found functional at the time of inspection.

In view of the deemed compliance of the minimum standards on fire prevention and fire safety as required under the rules the NOC issued vide letter no. F6/DFS/MS/2010/2851 dated 01/10/2010 renewal under rule 35 of the Delhi Fire Service Rules 2010 is recommended.

~~DO/SD~~

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16/12

~~DeFO(SJ)~~

F.T. P. Bas


15/12/2020

Signature of the Inspecting Officer
Name : Ashok Kumar Jaiswal
Designation : A.D.O. (S.J.)