

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/SZ/2021/ 511

Dated: 14/10/2021

FIRE SAFETY CERTIFICATE

Certified that the Dashrathpuri Underground metro station of line-8, comprising of three levels (Undercroft, Platform, Concourse) & ancillary block was issued FSC vide letter no. F6/DFS/MS/Assembly/(UG)/SZ/2018/281 dated 22/02/2018. The premises was re inspected by the officer concerned of this department on 06-10-2021 in the presence of Kumar Vaibhav (DMRC) and found that the said building have deemed complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rule, 2010 and that the building / premises is fit for the occupancy class "Assembly" Group D Sub Division D – 7 with effect from 14-10-21... 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 the conditions under rule 38 of the Delhi Fire Service Rules, 2010.

Issued on 14-10-21..... at New Delhi by.



(Sunil Chaudhary)  
Dy. Chief Fire Officer.  
Delhi Fire Service

Copy to:

1. The DGM (Operation) Metro Bhawan Fire Brigade Lane, Barakhamba Road, New Delhi – 110001.
2. Sh. Bhirgu Fukan (Asst. Manager/Fire), Delhi Metro Rail Corporation Ltd. Underground Metro Station,

Following fire safety directives must be adhered to:-

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 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.
8. 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](http://www.dfs.delhigovt.nic.in).

## INSPECTION REPORT

1. Name & address of the building : Dashrathpuri Underground metro station of line-8.
2. Type of Occupancy : Assembly (D-)
3. Type of Case : Renewal
4. Details of previous NOC : F6/DFS/MS/Assembly/(UG)/SZ/2018/281  
Dated 22/02/2018
5. Fire Safety directives Letter No. : NBC/NFPA
6. Date of inspection : 06/10/2021
7. Name of the Inspecting Officer : Udai vir singh, ADO (DWK)
8. Name and designation of Officer from the building side: Sh. Bhirgu Fukan (Asst. Manager/Fire)  
Kumar Vaibhav (DMRC)
9. Year of Construction : 2017
10. Applicant's letter No : Email dated 23/08/2021

S No	Minimum standards on fire prevention and fire safety U/R 33	Requirements as per N/7	Provided at site	Remarks MR/NMR
1.	Access of building			
	• Road width	12 mtr	Provided	MR(Old Case)
	• Gate width	06 mtr	06 mtr	NA
	• Width of internal road	06 mtr	Direct accessible from road	MR
2.	Number, width, Type & Arrangements of exits			
	a. Number of staircases			
	• Upper floors	NA	NA	NA
	• Basements	2 Nos. Undercroft to Platform, 7 Nos. Platform to Concourse, 4 Nos. Concourse to ground (Total-13 Nos.)	Provided	MR
	b. Width of staircases			
	• Upper floors	NA	NA	NA
	• Basements	2 Nos. 1.25 M, Undercroft to Platform, 2 Nos. 4.2 M 2 Nos. 3M, 3 Nos. 1.25 Platform to concourse, 3Nos 3.17m, 3.62m, 3.75m & 1 No. 1.25m M Concourse to ground	Provided	MR(Old Case)
	c. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	Provided in fireman staircase & emergency staircase	MR
	d. No of continuous staircase to terrace	NA	NA	NA
	e. Width Of Corridor	NA	NA	NA
	f. Door Size	1.50 mtr	Provided	MR

3.	Compartmentation			
	• Fire check door	Required	Provided	MR
	• Sealing of electrical shafts	Required	Provided	MR
	• Fire Rating of shaft door	2 Hrs	02 Hrs	MR
		NA	NA	NA
	• Water Curtain	Required	Provided	MR
	• Fire Dampers			
4.	Smoke managements System			
	• Basements	Required	<b>Provided (Being operated from C/R)</b>	MR
	• Upper floors	NA	NA	NA
5.	Fire Extinguishers			
	• Total numbers	96 Nos.	Provided	MR
	• Types	CO2, WCO2 & ABC	Provided	MR
	• IS marking	Required	Provided	MR
6.	First – Aid Hose Reels			
	• Total numbers on each floor	10 Nos Concourse level. 10 Nos. Platform level 2 No in Ancillary building	Provided	MR
	• Length of hose reel hose	30m	Provided	MR
	• Nozzle diameter	5mm	Provided	MR
7.	Automatic fire detection and alarming system			
	• Type of detectors	Smoke / Heat	Provided	MR
	• Location of Main Panel	SCR	Station control room	MR
	• Location of Repeater Panel	Required	Provided near staircase	MR
	• Alternate source of power	Required	UPS/D.G. Set	MR
	• Hooters' Location	At all locations	Provided	MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	• Basements	Required	Provided (undertracks, staircase)	MR
	• Upper Floor	NA	NA	NA
	• Sprinkler above false ceiling	NA	NA	NA
11.	Internal Hydrants			
	• Size of riser/down-comer	150 mm	150 mm	MR
	• Number of hydrants per floor	10 Nos. Concourse level. 10 Nos. Platform level 1 No in Ancillary building	Provided	MR
	• Hose Box	10 Nos. Concourse level. 10 Nos. Platform level 1 No Ancillary area	Provided	MR
12.	Yard Hydrants			
	• Total number of hydrants	Required	01	MR
	• Hose Box	Required	Provided	MR



13.	Pumping Arrangements			
	Ground Level			
	• Discharge of main pump	2839 lpm	Provided	MR
	➤ Head of main pump	75 m	Provided	MR
	➤ Number of main pumps	01 hyd & 01 Spk	Provided	MR
	➤ Jockey pump out put	2X 189 lpm	2X 189 lpm	MR
	➤ Jockey pump head	56 m	Provided	MR
	➤ Standby Pump out put	2X 2839 lpm	Provided	MR
	➤ Standby Pump Head	70m	Provided	MR
	➤ Auto Staring/Manual stopping	Required	Provided	MR
	➤ Pump House Access	NA	NA	NA
	• Terrace level	NA	NA	NA
	➤ 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.	Captive water Storage for fire fighting			
	• Under ground tank capacity	NA	NA	NA
	➤ Draw of connection	Required	Provided	MR
	➤ Fire service inlet	Required	Provided	MR
	➤ Access to tank	Required	Provided	MR
	• Overhead Tank capacity	200000 ltr	Provided	MR
15	Exit Signage	Required	Provided	MR
16.	Provision of Lifts			
	➤ Pressurization of Lift Shaft	NA	NA	NA
	➤ Pressurization of lift lobby	NA	NA	NA
	➤ Communication in lift Car	Required	Provided	MR
	➤ Fireman's Grounding Switch	Required	Provided	MR
	➤ Lift Signage	Required	Provided	MR
17.	Standby power supply	Required	DG Set	MR
18.	Refuge Area			
	➤ Total area	NA	NA	NA
	➤ Location	NA	NA	NA
19.	Fire control room			
	➤ Detector system panel	Required	Provided in SCR	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	NOVEC gas flooding system protection provided for HT LT Panel & Transformer	MR
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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/Assembly/(UG)/SZ/2018/281 dated 22/02/2018 renewal under rule 35 of the Delhi Fire Service Rules 2010 is recommended.

**Note:- The exhaust system provided for the Metro station (underground) is design to actuate from operating control room instead of auto actuation. The NFPA 130 is silent on this point. If agreed the same may be considered and FSC may be issued.**

~~Signature of the Inspecting Officer~~  
 Name- Udai vir Singh  
 Designation-ADO/DWK

~~DO/STO~~      ~~King~~ 11/10/21  
 DFO(S2)      Ad. 12/10  
 Adp(DWK)  
 Sir PP letter is put up for sig ple  
 DFO/S2      13/10