

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/Metro/2018/ 138

Dated: 23/01/2018

**FIRE SAFETY CERTIFICATE**

Certified that the **Netaji Subhash Place Underground Metro Station** located at **Netaji Subhash Place New Delhi-110034** comprised of (**Undercroft + Platform + Concourse + Anc. Building & Associated Tunnel**) owned/ occupied by Delhi Metro Rail Corporation Ltd, have complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rule, 2010 and verified by the officers concerned of this department on 11-01-2018 in the presence of **Mr Sanjeev Kumar (Dy. CEE- DMRC)** and found that the building / premises is fit for the occupancy class "Assembly" Group D Sub Division D – 7 (**Except PD Area**) with effect from 23/01/18..... 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 .....23/01/18..... at New Delhi by.

  
(Atul Garg)

Chief Fire Officer,  
Delhi Fire Service.

Copy to:

1. Sh. Rajesh Agrawal, DGM/ E&M,  
DMRC, Metro Bhawan,  
Fire Brigade Lane, Barakhamba Road, New Delhi – 110001.

  
12/01/18

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 proposal of PD Area, if any shall be referred to this department separately for approval and FSC.
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).

1. Name & address of the building : Delhi Metro Rail Corporation Located at Netaji Subhash Place Metro Station Delhi.
2. Type of Occupancy : Assembly
3. Type of Case : New (Undercroft + Platform + Concourse + Anc. Building & Associated Tunnel)
4. Details of previous NOC : Nil
5. Fire Safety directives Letter No. : F6/DFS/MS//2013/2113 dated-30-08-2013
6. Date of inspection : 11-01-2018
7. Name of the Inspecting Officer : Dy CFO, DO/W & ADO (WP)
8. Name and designation of Officer  
from the building side : Sh Sanjeev Kumar
9. Year of Construction : 2017
10. Applicant's letter No. : DMRC/12/CA/187-Ph-III, dated 29-12-17

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			
	<ul style="list-style-type: none"> <li>• Road width</li> <li>• Gate width</li> <li>• Width of internal road</li> </ul>	12m 5m Required	Provided On main road 8.6 m Provided	MR MR MR
2.	Number, width, Type & Arrangements of exits			
	a. Number of staircases <ul style="list-style-type: none"> <li>• Under Ground Metro Station (Basements)</li> </ul> b. Width of staircases Basement	06 + 02	Provided	MR
	c. Protection of exits <ul style="list-style-type: none"> <li>• Fire check door</li> <li>• Pressurization</li> </ul> d. No of continuous staircase to terrace e. Width Of Corridor f. Door Size	Required 2 mtr	G to C=1x12 m, 1x11.6m C to PF= 6x260cm (Including railing) PF to Undercroft =2x115cm	MR
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		Required	Provided	MR
		Required	Provided in Fireman & Emergency staircase	MR
		NA	NA	NA
		1.5m	Hall	MR
		1m	Provided	MR
3.	Compartmentation			
	<ul style="list-style-type: none"> <li>• Fire check door</li> <li>• Sealing of electrical shafts</li> <li>• Fire Rating of shaft door</li> <li>• Water Curtain</li> <li>• Fire Dampers</li> </ul>	Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		NA	NA	NA
		Required	Provided	MR
4.	Smoke managements System			
	<ul style="list-style-type: none"> <li>• Basements</li> <li>• Upper floors</li> </ul>	Required	Provided	MR
		NA	NA	NA
5.	Fire Extinguishers			
	<ul style="list-style-type: none"> <li>• Total numbers</li> <li>• Types</li> <li>• IS marking</li> </ul>	105 DCP, CO & WCO Required	Provided Provided	MR MR

6.	First - Aid Hose Reels			
	• Total numbers on each floor	C=08 nos PF=10 nos	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	Required	Provided at Station Control Room(SCR)	MR
	• Location of Repeater Panel	Required	Provided	MR
	• Alternate source of power	Required	Provided	MR
	• Hooters' Location	Required	Provided	MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	• Basements	Required	Provided at under track, store room at C &PF	MR
	• Upper Floor	NA	NA	NA
	• Sprinkler above false ceiling	NA	NA	NA
11.	Internal Hydrants			
	• Size of riser/down-comer	150mm	Functional	MR
	• Number of hydrants per floor	5 on each platform	Functional	MR
	• Hose Box	Required	Provided	MR
12.	Yard Hydrants			
	• Total number of hydrants	2	Provided	MR
	• Hose Box	Required	Provided	MR
13.	Pumping Arrangements			
	Ground Level			
	• Discharge of main pump	2839 lpm	Provided	MR
	➤ Head of main pump	90m	Provided	MR
	➤ Number of main pumps	2	Provided	MR
	➤ Jockey pump out put	2x180 lpm	Provided	MR
	➤ Jockey pump head	56m	Provided	MR
	➤ Standby Pump out put	2839 lpm	Provided	MR
	➤ Standby Pump Head	70m	Provided	MR
	➤ Auto Staring/Manual stopping	Required	Provided	MR
	➤ Pump House Access	Required	Provided	MR
	• 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	200,000.ltrs	Provided ( At Terrace)	MR
	➤ Draw of connection	Required	Provided	MR
	➤ Fire service inlet	Required	Provided	MR
	➤ Access to tank	Required	Provided	MR
	• Overhead Tank capacity	NA	NA	NA
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	Functional	MR
	➤ Fireman's Grounding Switch	Required	Functional	MR

18.	Refuge Area			
	➤ Total area	NA	NA	NA
	➤ Location	NA	NA	NA
19.	Fire control room ( At SCR)			
	➤ Detector system panel	Required	Provided	MR
	➤ Flow Switch Panel	NA	NA	NA
	➤ PA System Panel	Required	Provided	MR
	➤ Battery backup	Required	Provided	MR
	➤ Building Floor Plans	NA	NA	NA
20.	Special Fire Protection Systems for Protection of special Risks, if any;	NOVEC 1230 flooding for HT, LT panel	Provided	MR

The fire protection systems provided in the building were test checked and found functional at the time of inspection.

Keeping in view the substantial compliance of the minimum standards on fire prevention and fire safety required under the rules it is recommended to grant Fire Safety Certificate under rule 35 of the Delhi Fire Service Rules 2010/issue shortcomings as noted at serial numbers .....NIL.....

  
Signature of the Inspecting Officer

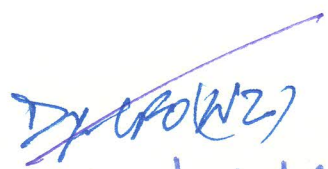
  
Signature of the Inspecting Officer

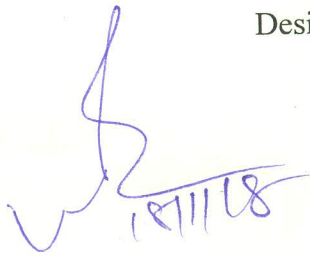
Name Uday Vir Singh

Name Sh. Mukesh Verma

Designation ADO/WP

Designation DO/W

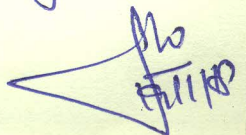
  
CFO West  
18/9/18

  
18/9/18

FT DIS

DO/W / ADO/WP

Sir FY letter is put up for sign ple  
CFO  
18/9/18

  
18/9/18