

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/SZ/MS/2022/ 65

Dated: 11/02/2022

**FIRE SAFETY CERTIFICATE**

Certified that the Delhi Metro Rail Corporation Ltd. Underground metro station **Located at** Palam Metro Station Line -8, New Delhi. comprising of four levels (Undercroft, Platform, Concourse & Ancillary Building at Ground Level) was issued FSC vide letter no. F6/DFS/MS/Assembly/(UG)/SZ/2018/386 dated 09/03/2018. The premises was re inspected by the officer concerned of this department on 31/01/2022 in the presence of Sh. Bhirgu Fukan (Asst. Manager/Fire) 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 11/02/2022 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 compliance of the conditions under rule 38 of the Delhi Fire Service Rules, 2010.

Issued on 11/02/2022 at New Delhi by.

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

Copy to:

1. Sh. Vivek Shrivastava, JGM/ E&M, DMRC, Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi - 110001.
2. The Manager Palam Underground Metro Station of Line - 8. Palam, N. Delhi

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

M/18

INSPECTION REPORT

1. Name & address of the building : Delhi Metro Rail Corporation Ltd.  
Underground metro station Located at Palam Metro Station Line -8, New Delhi.
2. Type of Occupancy : Assembly (D-7)
3. Type of Case : Renewal
4. Details of previous NOC : F6/DFS/MS/Assembly/(UG)/SZ/2018/386 dated 09/03/2018
5. Fire Safety directives Letter No. : NBC/NFPA F6/DFS/MS/2013/2335 dated 27/09/2013
6. Date of inspection : 31/01/2022
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 : 2010
10. Applicant's letter No.: DMRC/O&M/FIRE/NOC/L—8/2021/12/01 dated 30/12/2021

S No	Minimum standards on fire prevention and fire safety U/R 33	Requirements as per N/9		Provided at site	Remarks MR/NMR
1.	Access of building.				
	• Road width	9 mtr	12 mtr	MR(Old Case)	
	• Gate width	NA	6 mtr	NA	
	• Width of internal road	NA	6 mtr	NA	
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		Provided	MR(Old Case)
	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. 3.1 M, 1 No 1.25 M Concourse to ground		Provided	MR(Old Case)
	c. Protection of exits				
	• Fire check door	Required	Provided	MR	
	• Pressurization	Required	Provided	MR	
	d. No of continuous staircase to terrace	NA	NA	NA	
	e. Width Of Corridor	NA	NA	NA	
	f. Door Size	1.4 mtr	Provided	MR	

N/19

3.	Compartmentation			
	<ul style="list-style-type: none"> <li>• Fire check door</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>• Sealing of electrical shafts</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>• Fire Rating of shaft door</li> </ul>	2 Hrs	Provided	MR
	<ul style="list-style-type: none"> <li>• Water Curtain</li> </ul>	NA	NA	NA
	<ul style="list-style-type: none"> <li>• Fire Dampers</li> </ul>	Required	Provided	MR
4.	Smoke managements System			
	<ul style="list-style-type: none"> <li>• Basements</li> </ul>	Required in platform, Concourse & tunnels	Provided	MR
	<ul style="list-style-type: none"> <li>• Upper floors</li> </ul>	NA	NA	NA
5.	Fire Extinguishers			
	<ul style="list-style-type: none"> <li>• Total numbers</li> </ul>	100 Nos.	Provided	MR
	<ul style="list-style-type: none"> <li>• Types</li> </ul>	CO2, WCO2 & ABC Required	CO2, WCO2 & ABC	MR
	<ul style="list-style-type: none"> <li>• IS marking</li> </ul>		Provided	MR
6.	First – Aid Hose Reels			
	<ul style="list-style-type: none"> <li>• Total numbers on each floor</li> </ul>	10 Nos. Concourse level. 10 Nos. Platform level 1 No in Ancillary building	Provided	MR
	<ul style="list-style-type: none"> <li>• Length of hose reel hose</li> </ul>	30m	Provided	MR
	<ul style="list-style-type: none"> <li>• Nozzle diameter</li> </ul>	5mm	Provided	MR
7.	Automatic fire detection and alarming system			
	<ul style="list-style-type: none"> <li>• Type of detectors</li> </ul>	Smoke / Heat	Provided	MR
	<ul style="list-style-type: none"> <li>• Location of Main Panel</li> </ul>	SCR	Provided	MR
	<ul style="list-style-type: none"> <li>• Location of Repeater Panel</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>• Alternate source of power</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>• Hooters' Location</li> </ul>	All areas	Provided	MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	<ul style="list-style-type: none"> <li>• Basements</li> </ul>	Required at rail track	Provided	MR
	<ul style="list-style-type: none"> <li>• Upper Floor</li> </ul>	NA	NA	NA
	<ul style="list-style-type: none"> <li>• Sprinkler above false ceiling</li> </ul>	NA	NA	NA

11.	Internal Hydrants			
	<ul style="list-style-type: none"> <li>Size of riser/down-comer</li> </ul>	150 mm	100 mm	MR
	<ul style="list-style-type: none"> <li>Number of hydrants per floor</li> </ul>	10 Nos. Concourse level. 10 Nos. Platform level 1 No in Ancillary building	Provided	MR
	<ul style="list-style-type: none"> <li>Hose Box</li> </ul>	10 Nos. Concourse level. 10 Nos. Platform level 1 No in Ancillary building	Provided	MR
12.	Yard Hydrants			
	<ul style="list-style-type: none"> <li>Total number of hydrants</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Hose Box</li> </ul>	Required	Provided	MR
13.	Pumping Arrangements			
	Ground Level			
	<ul style="list-style-type: none"> <li>Discharge of main pump</li> </ul>	Hyd 2850 lpm, Spk 2850 lpm	One Pump found leaking	NMR
	<ul style="list-style-type: none"> <li>Head of main pump</li> </ul>	79m	Provided	MR
	<ul style="list-style-type: none"> <li>Number of main pumps</li> </ul>	02 Nos	Provided	MR
	<ul style="list-style-type: none"> <li>Jockey pump out put</li> </ul>	2X 180lpm	Provided	MR
	<ul style="list-style-type: none"> <li>Jockey pump head</li> </ul>	Hyd 56 m, Spk 56 m	Provided	MR
	<ul style="list-style-type: none"> <li>Standby Pump out put</li> </ul>	2X 2850 lpm	Provided	MR
	<ul style="list-style-type: none"> <li>Standby Pump Head</li> </ul>	70m	Provided	MR
	<ul style="list-style-type: none"> <li>Auto Staring/Manual stopping</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Pump House Access</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Terrace level</li> </ul>	NA	NA	NA
	<ul style="list-style-type: none"> <li>Discharge of pump</li> </ul>	NA	NA	NA
	<ul style="list-style-type: none"> <li>Head of the pump</li> </ul>	NA	NA	NA
	<ul style="list-style-type: none"> <li>Power supply</li> </ul>	NA	NA	NA
	<ul style="list-style-type: none"> <li>Auto starting of pump</li> </ul>	NA	NA	NA
14.	Captive water Storage for fire fighting			
	<ul style="list-style-type: none"> <li>Under ground tank capacity</li> </ul>	200000 ltrs	2,00,000 ltrs	MR
	<ul style="list-style-type: none"> <li>Draw of connection</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Fire service inlet</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Access to tank</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Overhead Tank capacity</li> </ul>	20000 ltr	20000 ltr	MR
15	Exit Signage		Required	Provided
16.	Provision of Lifts			
	<ul style="list-style-type: none"> <li>Pressurization of Lift Shaft</li> </ul>	NA	NA	NA
	<ul style="list-style-type: none"> <li>Pressurization of lift lobby</li> </ul>	NA	NA	NA
	<ul style="list-style-type: none"> <li>Communication in lift Car</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Fireman's Grounding Switch</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Lift Signage</li> </ul>	Required	Provided	MR
17.	Standby power supply		Required	DG Set Provided
18.	Refuge Area			
	<ul style="list-style-type: none"> <li>Total area</li> </ul>	NA	NA	NA
	<ul style="list-style-type: none"> <li>Location</li> </ul>	NA	NA	NA

N/21

19.	Fire control room			
	➤ Detector system panel	Required in SCR	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	Provided NOVEC 1230	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/Assembly/(UG)/SZ/2018/386 dated 09/03/2018 renewal under rule 35 of the Delhi Fire Service Rules 2010 is recommended.

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

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 15/02/2022

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By cfo / 15/22

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ADO (DWK)

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