

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/ W2/171

Dated: 29 / 01 / 2018

FIRE SAFETY CERTIFICATE

Certified that the **Shakurpur Metro Station** (Elevated) Located at **Shakurpur Ring Road, Delhi** comprised of (**Ground + Concourse Level + Platform**) owned/ occupied by **Delhi Metro Rail Corporation**, 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 Inderjeet Ajey (Assit. Construction Manager)** 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 29.1.18..... 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 ...29.1.18..... at New Delhi by.


(Atul Garg)

Chief Fire Officer,
Delhi Fire Service.

Copy to:

1. Sh. V P Singh, DY. CEE/ RC-1,
DMRC, Metro Bhawan,
Fire Brigade Lane, Barakhamba Road, New Delhi - 110001.

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.

INSPECTION REPORT

1. Name & address of the building : Shakurpur Metro Station (Elevated) Located at Shakurpur Ring Road, New Delhi.
2. Type of Occupancy : Assembly
3. Type of Case : New (Ground + Concourse Level + Platform)
4. Details of previous NOC : Nil
5. Fire Safety directives Letter No. : F6/DFS/MS/BP/2013/249 dated-22-08-2013
6. Date of inspection : 09-01-2018
7. Name of the Inspecting Officer : DO/W & ADO (WP)
8. Name and designation of Officer
from the building side :Sh Indeerjeet Ajey (Assist Construction Manager)
9. Year of Construction : 2017
10. Applicant's letter No. : DMRC/Elect/Cee/RC-1/CE-1/Lot-1/DFS/L7/973dated 05-12-17

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"> • Road width • Gate width • Width of internal road 	<table border="1"> <tr> <td>On main road</td> <td>Provided</td> <td></td> <td>MR</td> </tr> <tr> <td>5m</td> <td>On main road</td> <td></td> <td>MR</td> </tr> <tr> <td>NA</td> <td>NA</td> <td></td> <td>NA</td> </tr> </table>	On main road	Provided		MR	5m	On main road		MR	NA	NA		NA																																					
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2.	Number, width, Type & Arrangements of exits																																																		
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	<ul style="list-style-type: none"> • Fire check door • Sealing of electrical shafts • Fire Rating of shaft door • Water Curtain • Fire Dampers 	<table border="1"> <tr> <td>Required</td> <td>Provided</td> <td>MR</td> </tr> <tr> <td>Required</td> <td>Provided</td> <td>MR</td> </tr> <tr> <td>Required</td> <td>Provided</td> <td>MR</td> </tr> <tr> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </table>	Required	Provided	MR	Required	Provided	MR	Required	Provided	MR	NA	NA	NA	NA	NA	NA																																		
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4.	Smoke managements System																																																		
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5.	Fire Extinguishers																																																		
	<ul style="list-style-type: none"> • Total numbers • Types 	<table border="1"> <tr> <td>40</td> <td>Provided</td> <td>MR</td> </tr> <tr> <td>DCP CO2 &</td> <td>Provided</td> <td>MR</td> </tr> </table>	40	Provided	MR	DCP CO2 &	Provided	MR																																											
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	<ul style="list-style-type: none"> Total numbers on each floor Length of hose reel hose Nozzle diameter 	2 (Each PF)	Provided	MR
		45m	Provided	MR
		25mm	Provided	MR
7.	Automatic fire detection and alarming system			
	<ul style="list-style-type: none"> Type of detectors 	Smoke	Provided	MR
	<ul style="list-style-type: none"> Location of Main Panel 	Required	Provided	MR
	<ul style="list-style-type: none"> Location of Repeater Panel 	Required	Provided	MR
	<ul style="list-style-type: none"> Alternate source of power 	Required	Provided	MR
	<ul style="list-style-type: none"> Hooters' Location 	Required	Provided	MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	<ul style="list-style-type: none"> Basements 	NA	NA	NA
	<ul style="list-style-type: none"> Upper Floor 	NA	NA	NA
	<ul style="list-style-type: none"> Sprinkler above false ceiling 	NA	NA	NA
11.	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser/down-comer 	150mm	Provided	MR
	<ul style="list-style-type: none"> Number of hydrants per floor 	2 on each platform	Provided	MR
	<ul style="list-style-type: none"> Hose Box 	Required	Provided	MR
12.	Yard Hydrants			
	<ul style="list-style-type: none"> Total number of hydrants 	Required	Provided	MR
	<ul style="list-style-type: none"> Hose Box 	Required	Provided	MR
13.	Pumping Arrangements			
	Ground Level			
	<ul style="list-style-type: none"> Discharge of main pump 	1800 lpm	Provided	MR
	<ul style="list-style-type: none"> Head of main pump 	70m	Provided	MR
	<ul style="list-style-type: none"> Number of main pumps 	1	Provided	MR
	<ul style="list-style-type: none"> Jockey pump out put 	1800 lpm	Provided	MR
	<ul style="list-style-type: none"> Jockey pump head 	70m	Provided	MR
	<ul style="list-style-type: none"> Standby Pump out put 	1800 lpm	Provided	MR
	<ul style="list-style-type: none"> Standby Pump Head 	70m	Provided	MR
	<ul style="list-style-type: none"> Auto Starting/Manual stopping 	Required	Provided	MR
	<ul style="list-style-type: none"> Pump House Access 			
	<ul style="list-style-type: none"> Terrace level 	NA	NA	NA
	<ul style="list-style-type: none"> Discharge of pump 	NA	NA	NA
	<ul style="list-style-type: none"> Head of the pump 	NA	NA	NA
	<ul style="list-style-type: none"> Power supply 	NA	NA	NA
	<ul style="list-style-type: none"> Auto starting of pump 	NA	NA	NA
14.	Captive water Storage for fire fighting			
	<ul style="list-style-type: none"> Under ground tank capacity 	50,000 ltrs	Provided	MR
	<ul style="list-style-type: none"> Draw of connection 	Required	Provided	MR
	<ul style="list-style-type: none"> Fire service inlet 	Required	Provided	MR
	<ul style="list-style-type: none"> Access to tank 	Required	Provided	MR
	<ul style="list-style-type: none"> Overhead Tank capacity 	10,000 ltrs	10,000 ltrs	MR
15	Exit Signage	Required	Provided	MR
16.	Provision of Lifts			
	<ul style="list-style-type: none"> Pressurization of Lift Shaft 	NA	NA	NA
	<ul style="list-style-type: none"> Pressurization of lift lobby 	NA	NA	NA
	<ul style="list-style-type: none"> Communication in lift Car 	Required	Provided	MR
	<ul style="list-style-type: none"> Fireman's Grounding Switch 	Required	Provided	MR
	<ul style="list-style-type: none"> Lift Signage 	Required	Provided	MR
17.	Standby power supply	Required	Provided	MR

19.	Fire control room	➤ 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 ASS, HT, LT panel	Provided

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 numbersNIL.....

Signature of the Inspecting Officer

Name Udai Vir Singh
Designation ADO/WP

Signature of the Inspecting Officer

Name Mukesh Verma
Designation DO/W

Dy. CPO (W2)

[Signature]
23/11/18

CPO West
[Signature]
24/11/18

F FPS

DO/W F.T./FSC is put up for signature please.

CPO (West)
[Signature]
25/11/18

[Signature]
25/11/18

Msee