

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/2017/WZ/1244

Dated: 22/08/17

FIRE SAFETY CERTIFICATE

Certified that the **Delhi Metro Rail Corporation** located at **Kirti Nagar Metro Station -II (Except PD area)** comprised of Ground, Concourse and Platform was issued FSC vide letter no. F.6/DFS/MS/DMRC/2014/WZ/924 dated 24-07-2014. The premises was re inspected by the officer concerned of this department on 07-07-2017 in the presence of Mr Bhriгу (Fire Inspector, 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 22.08.17... 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 22.08.17..... at New Delhi by.


(Atul Garg)
Chief Fire Officer.

Copy to:

1. Sh. Vikas Bhardwaj, AM (Fire), 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 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.

418

INSPECTION REPORT

1. Name & address of the building : Kirti Nagar Metro Station-II (Except PD area)
2. Type of Occupancy : Assembly -Metro railways
3. Type of Case : Renewal (Ground + Concourse + Platform)
4. Details of previous NOC : F.6/DFS/MS/DMRC/2014/WZ/924 dated 24-07-2014
5. Fire Safety directives Letter No. : F6/DFS/MS/BP/2009/167 dated 20-01-2009
6. Date of inspection : 07-07-2017
7. Name of the Inspecting Officer : A.K. Jaiswal, ADO (JWP)
8. Name and designation of Officer
from the building side : Mr. Bhrigu (Fire Inspector)
9. Year of Construction : 2011
10. Applicant's letter No. : DMRC/O&M/Fire/NOC/L-5/2017/19 dated 12-06-17

S No	Minimum standards on fire prevention and fire safety U/R 33	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 	<ul style="list-style-type: none"> On main road 5m NA 	<ul style="list-style-type: none"> Provided 5m NA 	<ul style="list-style-type: none"> MR MR NA
2.	Number, width, Type & Arrangements of exits			
	<ul style="list-style-type: none"> a. Number of staircases <ul style="list-style-type: none"> • Upper floors • Basements b. Width of staircases <ul style="list-style-type: none"> • Upper floors • Basements c. Protection of exits <ul style="list-style-type: none"> • Fire check door • Pressurization d. No of continuous staircase to terrace e. Width Of Corridor f. Door Size 	<ul style="list-style-type: none"> 2 NA Old Case Old Case NA NA NA Old Case Old Case 	<ul style="list-style-type: none"> 2 NA Old Case Old Case NA NA NA Old Case Old Case 	<ul style="list-style-type: none"> MR NA MR MR NA NA NA MR MR
3.	Compartmentation			
	<ul style="list-style-type: none"> • Fire check door • Sealing of electrical shafts • Fire Rating of shaft door • Water Curtain • Fire Dampers 	<ul style="list-style-type: none"> Required Required Required NA NA 	<ul style="list-style-type: none"> Provided Provided Provided NA NA 	<ul style="list-style-type: none"> MR MR MR NA NA

4.	Smoke managements System			
	• Basements	NA	NA	NA
	• Upper floors	NA	NA	NA
5.	Fire Extinguishers			
	• Total numbers	35	28 CO2, 7 WCO2	MR
	• Types	CO2 & WCO2	Provided	MR
	• IS marking	Required	Provided	MR
6.	First – Aid Hose Reels			
	• Total numbers on each floor	2	2	MR
	• Length of hose reel hose	45m	45m	MR
	• Nozzle diameter	6.5mm	6.5mm	MR
7.	Automatic fire detection and alarming system			
	• Type of detectors	Smoke	Provided	MR
	• Location of Main Panel	Required	Provided	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	NA	NA	NA
	• Upper Floor	NA	NA	NA
	• Sprinkler above false ceiling	NA	NA	NA
11.	Internal Hydrants			
	• Size of riser/down- comer	150mm	150mm	MR
	• Number of hydrants per floor	2 on each platform	2 on each platform	MR
	• Hose Box	Required	Provided	MR
12.	Yard Hydrants			
	• Total number of hydrants	2	2	MR
	• Hose Box	Required	Provided	MR
13.	Pumping Arrangements			
	Ground Level	All the pumps are connected with generator also		
	• Discharge of main pump	1800LPM	1800LPM	MR
	➤ Head of main pump	80m	80m	MR
	➤ Number of main pumps	1	1	MR
	➤ Jockey pump out put	180LPM	180LPM	MR
	➤ Jockey pump head	80m	80m	MR
	➤ Standby Pump out put	1800LPM	1800LPM	MR
	➤ Standby Pump Head	80m	80m	MR
	➤ Auto Staring/Manual stopping	Required	Provided	MR
	➤ Pump House Access	Required	Provided	MR
	• Terrace level			
	➤ Discharge of pump	NA	NA	NA
	➤ Head of the pump	NA	NA	NA

2/10

	➤ Power supply	NA	NA	NA
	➤ Auto starting of pump	NA	NA	NA
14.	Captive water Storage for fire fighting			
	• Under ground tank capacity	1,00,000ltrs	1,00,000ltrs	MR
	➤ Draw of connection	Required	Provided	MR
	➤ Fire service inlet	Required	Provided	MR
	➤ Access to tank	Required	Provided	MR
	• Overhead Tank capacity	NA	10000ltrs	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	Provided	MR
18.	Refuge Area			
	➤ Total area	NA	NA	NA
	➤ Location	NA	NA	NA
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;	CO2 flooding for ASS, HT, LT panel	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. F.6/DFS/MS/DMRC/2014/WZ/924 dated 24-07-2014 renewal under rule 35 of the Delhi Fire Service Rules 2010 is recommended.

D. G. (C)

[Signature] 10/7/17

[Signature] (172)

[Signature] 10/7/17

Signature of the Inspecting Officer
Name A.K. Jaiswal
Designation A.D.O. (Jwala Puri)

Mention the width of staircase.