

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/ W2/169

Dated: 28 // / 2018

FIRE SAFETY CERTIFICATE

Certified that the **Rajouri Garden Elevated Metro Station** Located at **Rajouri Garden, Ring Road, New Delhi** comprised of (**Ground + Concourse Level + Platform and FOB**) owned/ occupied by DMRC, 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 08-01-2018 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 28/11/18..... 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 28/11/18..... 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.

1. Name & address of the building : Rajouri Garden Metro Station (**Except PD area**) Located at **Rajouri Garden, Ring Road, New Delhi**
2. Type of Occupancy : Assembly
3. Type of Case : New (Ground + Concourse Level + Platform and FOB) (**Except PD area**)
4. Details of previous NOC : Nil
5. Fire Safety directives Letter No. : F6/DFS/MS/BP/2013/253 dated-26-08-2013
6. Date of inspection : 08-01-2018
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 : 2016-17
10. Applicant's letter No: DMRC/Elect/Cee/RC-1/CE-1/Lot-1/DFS/L7/915dated05-12-17

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 	<ul style="list-style-type: none"> On main road 5m NA 	<ul style="list-style-type: none"> Provided On main road 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 • Upper floors • Basements b. Width of staircases • Upper floor • Basements c. Protection of exits • Fire check door • Pressurization d. No of continuous staircase to terrace e. Width Of Corridor f. Door Size 	<ul style="list-style-type: none"> 07 NA Required 2mtrs 1.5m NA NA NA NA NA 2m 1m 	<ul style="list-style-type: none"> Provided NA G To PD=1x1.63 m,1x1.69m G To PF=1x4.7 m,1x4.57m PF To FOB=1x3.54 m,1x4 m,1x3m,1x3.72m (Including Railing) NA NA NA NA Hall Provided 	<ul style="list-style-type: none"> MR NA MR NA NA NA MR MR MR MR MR 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			
	<ul style="list-style-type: none"> • Basements • Upper floors 	<ul style="list-style-type: none"> NA NA 	<ul style="list-style-type: none"> NA NA 	<ul style="list-style-type: none"> NA NA
5.	Fire Extinguishers			
	<ul style="list-style-type: none"> • Total numbers • Types • IS marking 	<ul style="list-style-type: none"> 40 DCP,CO2 & WCO2 	<ul style="list-style-type: none"> Provided Provided 	<ul style="list-style-type: none"> MR MR

	• Total numbers on each PF	2	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	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 (Required In Commercial Area)			
	• 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	Provided	MR
	• Number of hydrants per floor	2 on each PF	Provided	MR
	• Hose Box	Required	Provided	MR
12.	Yard Hydrants			
	• Total number of hydrants	Required	Provided	MR
	• Hose Box	Required	Provided	MR
13.	Pumping Arrangements			
	Ground Level			
	• Discharge of main pump	2850lpm	Provided	MR
	➤ Head of main pump	70m	Provided	MR
	➤ Number of main pumps	1	Provided	MR
	➤ Jockey pump out put	280lpm	Provided	MR
	➤ Jockey pump head	70m	Provided	MR
	➤ Standby Pump out put	2850lpm	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	100000ltrs	Provided	MR
		Required	Provided	MR
	➤ Draw of connection	Required	Provided	MR
	➤ Fire service inlet	Required	Provided	MR
	➤ Access to tank	10000 ltrs	Provided	MR
	• Overhead Tank capacity			
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

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 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.

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~~
 Signature of the Inspecting Officer

~~Signature of the Inspecting Officer~~
 Signature of the Inspecting Officer

Name UdaiVir Singh

Name Sh Mukesh Verma

Designation ADO/WP

Designation DO/W

~~Dy. CEO (W2)~~

~~Signature~~
 28/11/18

~~Chowdhary~~
 29/11/18 FT DLG

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

~~CEO (West)~~
 25/11/18

~~Signature~~
 25/11/18

MJR