

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI  
HEADQUARTERS: DELHI FIRE SERVICE: CONNAUGHT PLACE  
NEW DELHI – 110001

No. F.6/DFS/MS/NDZ/DMRC/2018 /2078

Dated: 11/9/18

FIRE SAFETY CERTIFICATE

Certified that M/s DMRC Trilokpuri Elevated Metro Station building Line- 7 Delhi. Building comprised on a Road level, PD Level, concourse level, and plate form level, owned/ occupied by DMRC. The building was inspected by the officer concerned of this department on 30/08/2018 in the presence of Sh. V.P. Singh, Dy.CEE and others of the premises and found that the "Assembly" building have complied with the fire prevention and fire safety requirements in accordance with the rule 33 of Delhi Fire Service Rules, 2010 and that the premises is fit for occupancy class "Group D-7 Assembly Building" with effect from 11/9/18 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, subject to conditions printed overleaf.(This certificate is issued for except PD Area)

Issued on 11/9/18.....at New Delhi by

*Vipin Kental*  
(Vipin Kental)  
Chief Fire Officer  
Delhi Fire Service

Copy to:-

1. Sh. RK Saxena  
Chief Engineer/ RC-1, DMRC. LTD.  
Laxmi Nagar-4 site office,  
Seed back Park School Block, Shakarpur,  
Delhi-92
2. Director Projects, Metro Bhawan,  
Fire Brigade Lane Barakhamba Road  
New Delhi- 110001

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Conditions for the validity of fire safety certificate:

1. All the means of escape/entry/exit shall be kept free from any obstruction.
2. All the employees shall be acquainted with the use and maintenance of all fire equipments and method of smooth and speedy safe evacuation of occupants in case of emergency.
3. All the fire safety arrangements provided therein shall be maintained in good working condition at all time as seen during inspection. Any loss of life or property due to non-functional fire safety measures shall be at the responsibility of the management.
4. Any deviation, with regards to construction, ventilation, occupancy, electric installation etc. may be got verified from the concerned authorities.
5. The Fire Safety Certificate cannot be treated in any case for regularizations of unauthorised construction unauthorised use of land if any.
6. All comments/ directions of the Licensing Department shall always be permitted and followed.
7. The owner/ occupier shall submit a declaration **every year** in **Form 'K'** provided in the first schedule of Delhi Fire Service Rules 2010. The forms is available on:  
[http://www.delhi.gov.in/wps/wcm/connect/doi\\_t\\_fire/FIRE/Home/Forms](http://www.delhi.gov.in/wps/wcm/connect/doi_t_fire/FIRE/Home/Forms)
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 expiry."
9. DMRC shall obtain separate Fire NOC/FSC when developed PD Area, and 2 Nos. of future staircase of 2.4 m wide.
10. The number of person / occupants for which the metro station is designed should not exceed the limit for which the calculations are submitted to the Delhi Fire Service and if in later stage the number of persons exceeds the means of escape has to be redesigned after approval of Delhi Fire Service.

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## INSPECTION REPORT

1. Name & address of the building : Trilokpuri Elevated Metro Station building  
Line-7, Delhi.
2. Building is comprised of : Road level (GF) + PD Level + Concourse level + platform  
Floors.
3. Type of Occupancy : Assembly
4. Type of Case : New
5. Details of Previous FSC : NIL
6. Fire Safety direction letter No : Directive No. F.6/DFS/MS/BP/2018/3493 Dated 10/08/18.
7. Date of Inspection : 30/08/18,
8. Name of the Inspecting Officers : D.O. Francis Brown & ADO R. K. Yadav
9. Name of the designation of Officer :  
from the building side : Sh. V. P. Singh Dy CEE. with others
10. Year of Construction : 2018
11. Applicant's letter No : DMRC/12/CA/DFS/ dated. 02.08.18

S.No	Minimum Standards on fire prevention and fire safety U/R 33	Requirement Directive	Provided at Site	Remarks MR/NMR
1.	Access to building			
	Road width	06 m	19.5 m wide Main road	MR
	Gate width	N/A	N/A	N/A
	Width of internal road	N/A	N/A	N/A
2.	Number, Width, Type and Arrangement of Exits.			
	a. Number of Staircases			
	Upper Floor	04	10	MR
	Basement	N/A	N/A	N/A
	B. Width of Staircases			
	Upper Floor	10	<b>G+PD</b> (4.00m-01) + Escalator, (4.10m-01) <b>PD+C</b> 1(4.10m) ,1(4.00m)+Esc <b>C+P</b> (3.0m-01)+ Escalator, (3.0m-02)+ (1.85m-02) , (3.0m-01) + Escalator	MR (50% Cap. of Escalators is counted for evacuation in NFPA)
	Basement			
	c. Protection of exits	N/A	N/A	N/A
	Fire check door	Required	Provided	MR
	Pressurization	N/A	N/A	N/A
	e. No. of continuous staircases to terrace	N/A	N/A	N/A
e. No. of continuous staircases to terrace	1.5m	2.30m	MR	
g. Width of Corridor	2.0 Mtrs.	2M, & 1.5 M	MR	
h. Door Size				
3.	Compartmentation.			
	Fire check door	Required	Provided	MR
	Sealing of electrical shafts	Required	Provided	MR
	Fire rating of shaft door	2 hrs.	2 hrs.	MR
	Water curtain	N/A	N/A	N/A
	Fire Dampers	N/A	N/A	N/A
4.	Smoke Management System.			
	Basement	N/A	N/A	N/A
	Upper floor	N/A	Natural Ventilated	N/A
5.	Fire Extinguisher			
	Total numbers	16 Nos.	20 Nos.	MR
	types	ABC type & Co2	ABC type & Co2	MR
	ISI marking	ISI marked	ISI marked	

6.	First-aid-Hose Reels.			
	Total numbers of each floors	03 nos. concourse level 04 nos. platform level	03 nos. concourse level 04 nos. platform level	MR
	Length of hose reel hose	45 m	45 m	MR
	Nozzle diameter	6.5 mm	6.5 mm	MR
7.	Automatic fire detection and alarming system.			
	Type of detectors	Heat or Smoke	Heat or Smoke	MR
	Location of main panel	G. Floor	G. Floor	MR
	Location of repeater panel	G. Floor	G. Floor	MR
	Alternate source of power	Battery & DG Set	Provided	MR
	Hooters	N/A	N/A	N/A
8.	MOEFA	Required	Provided	MR
9.	Public address System.	Required	Provided	MR
10.	Automatic Sprinkler System.			
	Basement	N/A	N/A	N/A
	Upper floor	N/A	N/A	N/A
	sprinkler above false ceiling	N/A	N/A	N/A
11.	Internal Hydrants			
	size of riser/down-comer	150 mm	150 mm	MR
	Number of hydrants each floor	03 nos concourse level 04 nos. platform level	03 nos. concourse level 04 nos. platform level	MR
	Hose box each floor	As above	As above	MR
12.	Yard Hydrants.			
	Total number of hydrants	02	02	MR
	Hose Box	02	02	MR
13.	Pumping Arrangements.			
	<ul style="list-style-type: none"> <li>• Ground Level</li> <li>➤ Discharge of main Pump</li> <li>➤ Head of Main Pump</li> <li>➤ Number of main pumps</li> <li>➤ Jockey pump out put</li> <li>➤ Jockey pump head</li> <li>➤ Standby pump out put</li> <li>➤ Standby pump Head</li> <li>➤ Auto Starting /Manual stopping</li> <li>➤ Pump House Access</li> <li>• Terrace Level</li> <li>➤ Discharge of pump</li> <li>➤ Head of the Pump</li> <li>➤ Power supply</li> <li>➤ Auto Starting of pump</li> </ul>	Required	Provided	MR
		1800 lpm	2850 lpm X 2	MR
		70m	Provided	MR
		01	Provided	MR
		180 lpm	180 lpm X 2	MR
		70 m	Provided	MR
		1800 lpm	2850 lpm	MR
		70 m	Provided	MR
		Auto	Provided	MR
		Required	Provided	MR
		NA	NA	NA
		NA	NA	NA
		NA	NA	NA
		Required	Provided	MR
		Required	Provided	MR

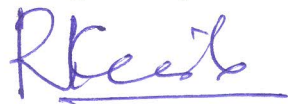
14.	Captive Water Storage for Fire Fighting.			
	Underground tank capacity	100000 Ltrs	100000 Ltrs	MR
	Draw-off connection	Required	Provided	MR
	Fire service inlet	Required	Provided	MR
	Access to tank	Required	Provided	MR
	Overhead Tank capacity	10,000 Ltrs.	10,000 Ltrs.	MR
15.	Exit Signage.	Required	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
	Firemen's grounding switch	Required	Provided	MR
	Lift Signage	Required	Provided	MR
17.	Standby power supply	Required	Provided	MR
18.	Refuge Area.			
	Total area	N/A	N/A	N/A
	Location	N/A	N/A	N/A
19.	Fire Control Room			
	Detector system panel	Required	Provided	MR
	Flow switch panel	Required	Provided	MR
	PA system panel	Required	Provided	MR
	Batter backup	Required	Provided	MR
	Building Floor Plans	Required	Provided	MR
20.	Special Fire Protection systems for protection of special Risks, if any:	Required	NOVEC 1230 Clean Agent	MR

The Fire protection systems provided in the building were tested, checked and found functional at the time of inspection.

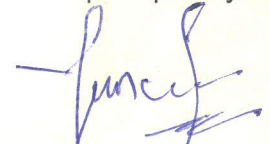
Keeping In view, compliance of the minimum standards of Fire prevention and Fire Safety measured as required under the Directive No. F.6/DFS/MS/BP/2018/3433 dated 10/08/18 issued by this department.

The Fire safety certificate issue under rule 35 of the Delhi Fire Service Rules 2010 is recommended except PD Area and future 02 nos. staircase width of 2.4 mtr wide.

Accordingly, form "H" in the shape of 'DFA' is prepared and put up for your kind approval and signature please.



Signature of the Inspecting Officer  
Name : R K Yadav.  
Designation : ADO ( LN)



Signature of the Inspecting Officer  
Name : Francis Brown  
Designation : DO ( East)

Dy. CFO (NDZ)



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Requisite Informants is attax for you ready reference.

FTM