

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI  
HEADQUARTERS: DELHI FIRE SERVICE: CANNAUGHT PLACE  
NEW DELHI- 110 001

No.F.6/DFS/MS/NDZ/DMRC/2018/710

Dated: 13/04/18

FIRE SAFETY CERTIFICATE

Certified that the M/s DMRC, East Azad Nagar Metro Station building Line -7 Delhi, The Building comprised on a grade level, concourse level, and plate form level, owned / occupied by DMRC. The building was inspected by the officer concerned of this department on 09/3/2018 in the presence of Sh. VP Singh Dy.CEE and others of the premises and found that the "Assembly" building have deemed complied with the Fire prevention and Fire safety requirements in accordance with the rules . The Fire Safety Certificate under rule 35 unless renewed under rule 36 or sooner cancelled under Rule 40 and that the building is fit for occupancy Group "D" "Assembly Building" with effect from ...13/04/18...for a period of three years, subject to conditions printed overleaf.

Issued on.....13/04/18.....at New Delhi by

  
(Vipin Kental)  
Chief Fire Officer  
Delhi Fire Service



Copy to:-

Sh. R K Saxena  
Chief Engineer/ RC-1, DMRC. LTD.  
Laxmi Nager - 4 site office,  
Seed back Park School Block, Shakarpur,  
Delhi-92.

CONDITIONS:

1. All the means of escape shall be kept free of all the type of obstruction all the time.
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 fighting equipments shall be maintained in perfect working condition all the time and any lapse rendering non-functional of fire safety measures, management shall be responsible.
4. The clarification with regards electrical installation, ventilation, structure stability set back areas, occupancy and constructional deviation in building etc .may be got verified from the authorities concerned.
5. This Fire Safety Certificate can not be treated in any case for regularizations of unauthorized construction unauthorized use of land if any.
6. All comments/ directions of the Licensing Department shall always be permitted and followed.
7. 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"
8. The owner / occupier shall submit a declaration every year in form 'K' provided in the first schedule of Delhi Fire Service Rule 2010. The form is available on [www.dfs.delhigovt.nic.in](http://www.dfs.delhigovt.nic.in)

1. Name & address of the building : DMRC, East Azad Nagar Metro Station, Line 7, Delhi.
2. Building is comprised of : Road level (GF), Concourse level & Platform level.
3. Type of Occupancy : Assembly Building
4. Type of Case : New
5. Details of Previous FSC letter : N/A
6. Fire Safety direction letter no. : F6/DFS/MS/BP/2013/177 dt.-09/07/13
7. Date of Inspection : 09/03/18
8. Name of the Inspecting officers : DO Francis Brown
9. Name and 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 : Nil Dated- 19/02/2018

NO.	Minimum Standards on fire prevention and fire safety U/R33	Requirement	Provided at Site	Remark MR/NMR
1	Access to building			
	• Road width	06 m	22 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	06 no.	06 no.	MR
	• Basement	N/A	N/A	N/A
	b. Width of Staircases			
	• Upper Floor	06	(4m-01),(2.6m-01) (4.85m-02),(2.85m-02)	MR (50% Cap. of Escalators is counted for evacuation in NFPA)
	• Basement			
	c. Protection of exits			
	• Fire check door	N/A	N/A	N/A
	• Pressurization			
	d. No. of continuous staircases to terrace	N/A	N/A	N/A
	e. Width of Corridor	N/A	N/A	N/A
	f. Door Size			
		1.5 m	1.5 m	MR
		2.0 m	2.0 m & 1.5 m	MR
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 Extinguishers			
	• Total numbers	10 nos.	12 nos.	MR
	• types	ABC & Co2	ABC & Co2	MR
	• ISI marking	ISI marked	ISI marked	MR

6	First-aid-Hose Reels.			
	<ul style="list-style-type: none"> <li>Total numbers of each floor</li> <li>Length of hose reel hose</li> <li>Nozzle diameter</li> </ul>	03 nos. concourse level	03 nos. concourse level	MR
		04 nos. platform level	04 nos. platform level	
		45 m	45 m	MR
		6.5 mm	6.5 mm	MR
7	Automatic fire detection and alarming system.			
	<ul style="list-style-type: none"> <li>Type of detectors</li> <li>Location of main panel</li> <li>Location of repeater panel</li> <li>Alternate source of power</li> </ul>	Heat or Smoke	smoke	MR
		G. Floor	G. Floor	MR
		G. Floor	G. Floor	MR
		Battery & DG Set	Provided	MR
	<ul style="list-style-type: none"> <li>Hooter's location</li> </ul>	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"> <li>Basement</li> </ul>	N/A	N/A	N/A
	<ul style="list-style-type: none"> <li>upper floor</li> </ul>	N/A	N/A	N/A
	<ul style="list-style-type: none"> <li>sprinkler above false ceiling</li> </ul>	N/A	N/A	N/A
11	Internal Hydrants			
	<ul style="list-style-type: none"> <li>size of riser/down-comer</li> </ul>	100 mm	100 mm	MR
	<ul style="list-style-type: none"> <li>Number of hydrants per floor</li> </ul>	02 nos. on Road level 03 nos concourse level 04 nos. platform level	02 nos. on Road level 03 nos. concourse level 04 nos. platform level	MR
	<ul style="list-style-type: none"> <li>Hose Box each floor</li> </ul>	03 nos.	03 nos.	MR
12	Yard Hydrants.			
	<ul style="list-style-type: none"> <li>Total number of hydrants</li> </ul>	02	02	MR
	<ul style="list-style-type: none"> <li>Hose Box</li> </ul>	02	02	MR
13	Pumping Arrangements.			
	<ul style="list-style-type: none"> <li>Ground Level</li> </ul>	Required	Provided	MR
	➤ Discharge of main Pump	1800 lpm	Provided	MR
	➤ Head of Main Pump	70m	Provided	MR
	➤ Number of main pumps	01	Provided	MR
	➤ Jockey pump out put	180 lpm	Provided	MR
	➤ Jockey pump head	70 m	Provided	MR
	➤ Standby pump out put	1800 lpm	Provided	MR
	➤ Standby pump Head	70 m	Provided	MR
	➤ Auto Starting /Manual stopping	Auto	Provided	MR
	➤ Pump House Access	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Terrace Level</li> </ul>	NA	NA	NA
	➤ Discharge of pump	NA	NA	NA
	➤ Head of the Pump	NA	NA	NA
	➤ Power supply	Required	Provided	MR
	➤ Auto Starting of pump	Required	Provided	MR
14	Captive Water Storage for Fire Fighting			
	<ul style="list-style-type: none"> <li>Underground tank capacity</li> </ul>	50000 Ltrs	50000 Ltrs	MR
	➤ Draw-off connection	Required	Provided	MR
	➤ Fire service inlet	Required	Provided	MR
	➤ Access to tank	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Overhead Tank capacity</li> </ul>	10,000 Ltrs.	10,000 Ltrs.	MR
15	Exit Signage.	Required	Provided	MR

N14

DOE

16	Provision of Lifts.			
	• Pressurization of Lift Shaft	N/A	N/A	N/A
	• Pressurization of Lift lobby	N/A	N/A	N/A
	• 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
	• 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	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/2013/177 dated 09/07/13 issued by this department.

The Fire safety certificate issued under rule 35 of the Delhi Fire Service Rules 2010 is recommended.

*Francis Brown*  
10/3/18

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

DCFO/MDZ  
*[Signature]*  
15/3

CFO -

Staircase water calculation & all other certificates as obtained from DMRE by South zone may be obtained & put up on file

DCFO/MDZ

*[Signature]*  
22/3

DOE

*[Signature]*  
27/3