

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

No. F.6/DFS/MS/NDZ/2018/NDZ/ 2057

Dated: 07/09/18

FIRE SAFETY CERTIFICATE

Certified that M/s DMRC Maujpur Elevated Metro Station building Line- 7 located at Maujpur, Delhi- 110053, building comprised on a grade level, concourse level, and plate form level, owned/ occupied by DMRC was inspected by a team of officers of this department 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 rules 33 of Delhi Fire Service Rules, 2010 and that the premises is fit for occupancy class "Group D-7 Assembly Building" with effect from 07/09/18 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 07/09/18 at New Delhi by

VC
7/9
(Vipin Kental)
Chief Fire Officer
Ph.: 011-23412225

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

07c
VC
7/9/18

INSPECTION REPORT

1. Name & address of the building : Maujpur Elevated Metro Station building
Line-7, Delhi.
2. Building is comprised of : Road level (GF) + Concourse level + platform floors.
3. Type of Occupancy : Assembly
4. Type of Case : New
5. Details of Previous FSC : NIL
6. Fire Safety directive letter No. : F.6/DFS/MS/BP/2018/2953 Dated 11/07/2018.
7. Date of Inspection : 29/08/18
8. Name of the Inspecting Officers : DO. Francis Brown & ADO Vijay Bahadur
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/CEE/RC-1/DFS/L-7 dated. 01/08/18

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	11	11	MR
	Basement	N/A	N/A	N/A
	B. Width of Staircases			
	Upper Floor	11	G to C (4.10m-01),(1.85m-02) (2.54m-01),(2.74m-01) + 2 ESC. C to P (2.30m 01), (3.65m-01) (2.90m-01),(3.10m-01) (2.80m-01),(2.70m-01) + 04 ESC	MR (50% Cap. of Escalators is counted for evacuation in NFPA)
	Basement	N/A	N/A	N/A
	c. Protection of exits			
	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
g. Width of Corridor	1.5m	1.5m	MR	
h. Door Size	2.0 Mtrs.	2M, & 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 Extinguisher			
	Total numbers	22 Nos.	31 Nos.	MR
	types	ABC type & Co2	ABC type & Co2	MR
	ISI marking	ISI marked	ISI marked	MR

6.	First-aid-Hose Reels.			
	Total numbers of each floors	04 nos. concourse level	04 nos. concourse level	MR
	Length of hose reel hose	09 nos. platform level	09 nos. platform level	
	Nozzle diameter	45 m	45 m	MR
		6.5 mm	6.5 mm	MR
7.	Automatic fire detection and alarming system.			
	Type of detectors	Heat or Smoke	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	100 mm	100 mm	MR
	Number of hydrants	04 nos. concourse level	04 nos. concourse level	MR
	Hose box	09 nos. platform level	09 nos. platform level	
		13 nos.	13 nos.	MR
12.	Yard Hydrants.			
	Total number of hydrants	02 nos.	02 nos.	MR
	Hose Box	02 nos.	02 nos.	MR
13.	Pumping Arrangements.			
	<ul style="list-style-type: none"> • Ground Level ➤ Discharge of main Pump ➤ Head of Main Pump ➤ Number of main pumps ➤ Jockey pump out put ➤ Jockey pump head ➤ Standby pump out put ➤ Standby pump Head ➤ Auto Starting /Manual stopping ➤ Pump House Access • Terrace Level ➤ Discharge of pump ➤ Head of the Pump ➤ Power supply ➤ Auto Starting of pump 			
		1800 lpm	Provided	MR
		70m	Provided	MR
		01	Provided	MR
		180 lpm	Provided	MR
		70 m	Provided	MR
		1800 lpm	Provided	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.	50,000 Ltrs	50,000 Ltrs	MR
	Underground tank capacity	Required	Provided	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.	NA	NA	NA
	Pressurization of Lift Shaft	NA	NA	NA
	Pressurization of Lift lobby	Required	Provided	MR
	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.	N/A	N/A	N/A
	Total area	N/A	N/A	N/A
	Location	N/A	N/A	N/A
19.	Fire Control Room	Required	Provided	MR
	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/2013/2953 dated 11/07/2018 issued by this department. It is recommended to issue Fire Safety Certificate.

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 : Francis Brown
Designation : DO (East)

Signature of the Inspecting Officer
Name :- Vijay Bahadur
Designation :- ADO (TP)

Dy. CFO (NDZ)

C.F.O. FT/10