

**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEAD QUARTERS: DELHI FIRE SERVICE: NEW DELHI-110001
Fax No.011-23412593, Ph.011-23412225**

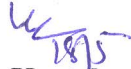

NO.F6/DFS/MS/2017/Metro/SZ/ 724

Dated: 18/5/17

FIRE SAFETY CERTIFICATE

Certified that "Mohan Estate Metro Station", New Delhi, comprised of ground floor, concourse level & platform level was granted Fire Safety Certificate vide letter No. F6/DFS/MS/2014/Metro/279 dated 28/02/2014. The said metro station was re-inspected by the officer concerned of this department on 14/04/2017 in presence of Mr. Vikas Bhardwaj(AM/Fire II) and found that the metro station have deemed complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi fire service Rules 2010 and that the building/premises is fit for occupancy **Class- D (Assembly- metro railway) except property development area** with effect from 18/05/17 for a period of **3(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 18/05/17 at New Delhi by.


Vipin Kental
CHIEF FIRE OFFICER
DELHI FIRE SERVICE

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Copy to: -

1. Mr. Vikas Bhardwaj (AM/FireII), Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-110001.

Conditions for the validity of fire safety certificate

1. All the fire safety and means of escape facilities shall be maintained in good working condition at all time. Any lapse rendering the fire safety or means of evacuation facilities non-functional shall be the responsibility of the management.
2. Building Sanctioning authority may verify any deviation with regard to construction/occupancy in the building. In case of any deviation, the fire safety certificate stands null & void.
3. The staff shall be trained for operating fire fighting system and mock evacuation drill be conducted at regular interval and record be maintained.
4. The basement shall be used strictly as per the provisions of Building Bye Laws.
5. The Owner/Occupier shall submit a declaration every year in form 'K' provided in the first schedule of Delhi Fire Service Rules, 2010. The form is available on www.dfs.delhigovt.nic.in.
6. The Owner/Occupier shall apply for renewal of this Fire Safety Certificate to the Director in the form 'J' [sub rule (1) of rule 37] along with copy of this certificate, six months prior to its expiry. The form is available on www.dfs.delhigovt.nic.in.

INSPECTION REPORT

1. Name & address of the building : Mohan Estate Metro Station, New Delhi
2. Type of Occupancy : Assembly (D-7)
3. Type of Case : Renewal
4. Details of previous NOC : F6/DFS/MS/2014/Metro/279 dated 28/02/2014.
5. Fire Safety directives letter No : F.6/DFS/MS/BP/2008/2989 dated 31/10/2008
6. Date of inspection : 24/04/2017
7. Name of the Inspecting Officers : ADO R. N. Singh
8. Name and designation of officers from the building side : Mr. Vikas Bhardwaj (AM/Fire II)
9. Year of Construction : 2008-09
10. Applicant's letter No. : DMRC/O&M/Fire/NOC/L-1/2017/11 dated 10/03/2017
11. Composition of Building : Ground Floor, Concourse Level & Platform Level

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	As per old NOC 2014	Provided at site	Remarks MR/NMR
1	Access to building			
	• Road width	09 mts	Provided	MR
	• Gate width	-----	Directly accessible	MR
	• Width of internal road	N/A	N/A	N/A
2	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases	-	-	-
	• Upper Floors	Old case	01 Nos. (Ground to concourse); 04 Nos. (concourse to platform)	MR
	• Basements	Old case	N/A	N/A
	b. Width of staircases			
	• Upper Floors	Old case	Ground to concourse – 4.15 mts, Concourse to platform -2.30mts X 02, 4.40mts X 02 mtrs.	MR
	• Basements	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	2.5 mts	Provided	MR
	h. Door Size	1.5 mts	Provided	MR

N/10

3	Compartmentation.			
	<ul style="list-style-type: none"> • Fire check door 	Required	Provided	MR
	<ul style="list-style-type: none"> • Sealing of electrical shafts 	Required	Provided	MR
	<ul style="list-style-type: none"> • Fire Rating of shaft door 	N/A	N/A	N/A
	<ul style="list-style-type: none"> • Water Curtain 	N/A	N/A	N/A
	<ul style="list-style-type: none"> • Fire Dampers 	N/A	N/A	N/A
4	Smoke Management System.			
	<ul style="list-style-type: none"> • Basements 	30 a/c per hour	N/A	N/A
	<ul style="list-style-type: none"> • Upper floors 	12 a/c per hour	N/A	N/A
5	Fire Extinguishers			
	<ul style="list-style-type: none"> • Total numbers 	Required 38 Nos	Provided 38 nos	MR
	<ul style="list-style-type: none"> • Types 	ISI marked	CO ₂ -30nos, W.CO ₂ - 8nos	MR
	<ul style="list-style-type: none"> • IS marking 		Provided	MR
6	First-Aid Hose Reels.			
	<ul style="list-style-type: none"> • Total numbers on each floor 	---	Concourse-2, Platform-4	MR
	<ul style="list-style-type: none"> • Length of hose reel hose 	45 m	Provided	MR
	<ul style="list-style-type: none"> • Nozzle diameter 	5 mm	Provided	MR
7	Automatic fire detection and alarming system.			
	<ul style="list-style-type: none"> • Type of detectors 	Required	Smoke Detectors Provided	MR
	<ul style="list-style-type: none"> • Location of Main Panel 	Required	Provided at Station Control Room	MR
	<ul style="list-style-type: none"> • Location of Repeater Panel 	Required	Provided at Station Concourse level	MR
	<ul style="list-style-type: none"> • Alternate source of power 	Required	D.G Set Provided	MR
	<ul style="list-style-type: none"> • Hooters' Location 	Required	Provided at all levels	MR
8	MOEFA	Required	Provided	MR
9	Public Address System.	Required	Provided	MR
10	Automatic Sprinkler System.			
	<ul style="list-style-type: none"> • Basement 	N/A	N/A	N/A
	<ul style="list-style-type: none"> • Upper Floor 	N/A	N/A	N/A
	<ul style="list-style-type: none"> • Sprinkler above false ceiling 	N/A	N/A	N/A

N/21 21

11	Internal Hydrants			
	<ul style="list-style-type: none"> • Size of riser/down-comer • Number of hydrants per floor • Hose Box 	100 mm	Provided	MR
		Ground level-02, Concourse-2, Platform-4,	Provided	MR
		Ground level-02, Concourse-2, Platform-4,	Provided	MR
12	Yard Hydrants.			
	<ul style="list-style-type: none"> • Total number of hydrants • Hose Box 	Required	Provided	MR
		Required	Provided and branch pipe	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 <ul style="list-style-type: none"> • Terrace level <ul style="list-style-type: none"> ➤ Discharge of pump ➤ Head of the pump ➤ Power Supply ➤ Auto Starting of pump 	-	-	-
		1800 LPM	Provided	MR
		80 mts.	Provided	MR
		02	Provided	MR
		180 PM	Provided	MR
		80 mts	Provided	MR
		1800 LPM	Provided	MR
		80 mts.	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		-	-	-
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
14	Captive Water Storage for fire fighting.			
	<ul style="list-style-type: none"> • Underground tank capacity ➤ Draw-off connection ➤ Fire service inlet ➤ Access to tank • Overhead Tank capacity 	50,000 lts	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		N/A	N/A	N/A
15	Exit Signage.			
		Required	Provided	MR

N/12

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
	• Fireman's Grounding Switch	Required	Provided	MR
	• Lift Signage	Required	Provided	MR
17	Standby power supply	Required	D.G.Set 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	CO ₂ flooding system found provided in elect. panel	MR

The fire protection systems provided in the building were test checked and found functional at the time of inspection.

Keeping in view the deemed compliance of the minimum standards on fire prevention and fire safety measures as required under the rules, the NOC issued vide letter No. F6/DFS/MS/2014/Metro/279 dated 28/02/2014, renewal under rule 35 of the Delhi Fire Service rules 2010 is recommended.

Accordingly DFA is put up for signature please.

8/5/17
Div. Officer (SD)

Signature of the Inspecting Officer
Name : R.N.Singh
Designation: - Assistant Divisional Officer

