

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

No. *F6/DFS/MS/DMRC/2017/52/1501*

Dated: *17/10/17*

FIRE SAFETY CERTIFICATE

Certified that M/s Delhi Metro Rail Corporation Sadar Bazar Elevated Metro Station at Delhi Cantt, New Delhi-110010, comprised of road levels, concourse level and platform level, owned/occupied by Delhi Metro Rail Corporation, have complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and verified by the officers concerned of this department on 22-09-17 in the presence of **Sh. Parwez Ahmad, Dy. C.E.E** and found that the said premises 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 premises is fit for Class-D6 (Assembly Occupancy), Elevated Metro Station with effect from *17/10/2017* 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 *17/10/2017* at New Delhi by.

Vk
16/10
(Vipin Kental)

Chief Fire Officer

T.No.011-23412225

Copy to:-1. Station In-Charge, Metro Station at Sadar Bazar, Delhi Cantt, New Delhi-110010.
2. Sh. Jagdish Kumar, CGM(E)/RC-2, Metro Bhawan, DMRC, New Delhi-110001.

Conditions for the validity of fire safety certificate are under:-

1. All the means of escape shall be kept free of all 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. Any deviation, with regards to construction, ventilation, occupancy, electric installation etc. may be got verified from the concerned authorities.
5. This Fire Safety Certificate may not be treated in any case for regularizations of unauthorized construction unauthorized use of land if any.
6. 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.
7. The owner/occupier shall apply for renewal of this Fire Safety Certificate on form J, six month prior to its expiry.

1	Name & address of the building	M/s Delhi Metro Rail Corporation Sadar Bazar Station at Delhi Cantt, New Delhi.
2	Type of Occupancy	Assembly Occupancy (Metro Station)
3	Building comprised of	Ground plus two upper floors. Road level, 1st floor concourse and second floor platforms.
4	Type of case	New Case
5	Details of previous NOC	Nil.
6	Fire safety directives letter No	No.F6/DFS/MS/BP/2013/02, Dated 07.03.2013.
7	Date of inspection	22.09.2017.
8	Name of the inspecting Officers :	D.O A.K.Malik and ADO Vedpal
9	Name and designation of officers from the building side	Sh. Parvez Ahmad, Dy. C.E.E.
10	Year of construction	2016
11	Applicant's letter No.	DMRC/CGM(E)/RC-2/Fire/Phase-III/SB/4212, dated 11.08.2017.

S. NO.	Minimum Standards on fire prevention and fire safety U/R 33	Requirements as per NBC-2005	Provided at site	Remarks MR / NMR
1	Access to building			
	1) Road width	12m	22m	MR
	2) Gate width	On road	On road	MR
	3) Width of internal road	N/A	N/A	N/A
2	Number, width Type & arrangement of exits			
	a. Number of staircases			
	1. Upper floors	Road Level to Concourse=03nos, Concourse level to Platform=04nos.	Road Level to Concourse=03nos, Concourse level to Platform=04nos.	MR
	2. basements	N/A	N/A	N/A
	b. Width of staircase			
	1. Upper floors	2m	Road Level to Concourse=1.5m, 2.8m & 3.4m, Concourse level to Platform=3.7m(02nos) & 2.7m(02nos.) as per approved plans.	MR
	2. basements	N/A	N/A	N/A
	c. Protection of exits			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	N/A	N/A	N/A
	d. No. of continuous staircase to terrace	Required	01no Provided	MR
	e. Width of corridor	1.5m	Provided	MR
	f. Door size	1m & 2m	1m & 2m	MR
3	Compartmentation.			
	1. Fire check door	Required in technical rooms	Provided	MR
	2. Sealing of electrical shafts	Required	Provided	MR
	3. Fire Rating of shaft door	N/A	N/A	N/A
	4. water curtain	N/A	N/A	N/A
	5. Fire dampers	Required	Provided	MR
4	Smoke Management system.			
	Basement	30 a/c per hour	N/A	N/A
	Upper floors	12 a/c per hour	N/A	N/A
5	Fire Extinguishers			
	Total numbers	36Nos	Provided	MR
	Types	CO2 & WCO2	CO2, Water CO2, DCP	MR
	ISI marking	ISI	Provided	MR
6	First-Aid Hose Reels.			
	Total numbers on each floor	GF=Nil, 1st Floor=02nos & 2nd Floor=04nos (02nos at each platform)	GF=Nil, 1st Floor=02nos & 2nd Floor=04nos(02nos at each platform)	MR
	Length of Hose reel hose	45m	45m	MR
	Nozzle Diameter	6mm	6mm	MR

	Type of detectors	Smoke & Heat	Smoke & Heat	MR
	location of Main Panel	Required in stn control room	Provided at concourse level in stn control room	MR
	location of Repeater panel	N/A	N/A	N/A
	Alternate source of power	Required	Provided	MR
	hooter's location	Required	All Areas	MR
8	MOEFA	Required	Provided	MR
9	Public Address System.	N/A	Provided	N/A
10	Automatic Sprinkler System.			
	basement	N/A	N/A	N/A
	upper floors	N/A	N/A	N/A
	sprinkler above false ceiling	N/A	N/A	N/A
11	Internal Hydrants			
	Size of riser/down-corner	100 mm	150mm Provided	MR
	Number of Hydrants per floor	GF=nil, 1st Floor=02nos & 2nd Floor=04nos (02nos at each platform)	GF=nil, 1st Floor=02nos & 2nd Floor=04nos(02nos at each platform)	MR
	hose Box	GF=nil, 1st Floor=02nos & 2nd Floor=04nos (02nos at each platform)	GF=nil, 1st Floor=02nos & 2nd Floor=04nos(02nos at each platform)	MR
12	Yard Hydrants.			
	Total number of hydrants	02nos	02nos.	MR
	Hose boxes	02nos	02nos.	MR
13	Pumping arrangements			
	1. Ground level			
	a. Discharge of main Pump	1800LPM	1800 LPM Provided	MR
	b. Head of main pump	70m	70m	MR
	c. Number of main pumps	01no.	01no.	MR
	d. jockey pump out put	180LPM	180LPM	MR
	e. jockey pump head	70m	70m	MR
	f. Standby Pump output	1800LPM(Electric)	1800 LPM(Electric & connected to DG Set)	MR
	g. Stanby Pump head	70m	70m	MR
	h. Auto Starting/Manual stopping	Required	Provided	MR
	pump house access	Required	Provided	MR
	2. Terrace level			
	a. Discharge of pump	N/A	N.A.	N.A.
	b. head of the pump	N/A	N.A.	N.A.
	c. Power supply	N/A	N.A.	N.A.
	d. Auto starting of pump	N/A	N.A.	N.A.
14	Captive water storage for fire fighting			
	1. Underground tank capacity	50000 ltr	50,000 Ltr Provided	MR
	a. Draw-off connection	Required	Provided	MR
	b. fire service inlet	Required	Provided	MR
	c. Access to tank	Required	Provided	MR
	d. Over head tank Capacity	N/A	10000Liters	N/A
15	Exit Signage.	Required	Provided	MR
16	Provision of lifts.			
	a. Pressurization of lift shaft	N/A	N/A	N/A
	b. Pressurization of lift lobby	N/A	N/A	N/A
	c. Communication in lift car	N/A	Provided	N/A
	d. Fireman's grounding switch	N/A	Provided	N/A
	e. Lift signage	N/A	Provided	N/A
17	Standby power supply	Required	DG 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			
	a. Detector system Panel	N/A	Provided in stn control room	N/A
	b. Flow switch Panel	N/A	N/A	N/A
	c. PA system Panel	N/A	Provided	N/A

CO2 & ABC Type Fire Extinguishers and Inert Gas flooding system Provided for Electric Panels and Signaling Rooms=MR

The fire protection systems provided in the building were test checked at random 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. Reply letter in shape of DFA is put up for kind consideration please.

Anilash
3/10/17

Signature of the inspecting officer

Name A.K.Malik

Designation :Divisional Officer (SD)

Vedpal

Signature of the inspecting officer

Name: Vedpal

Designation : Assistant Divisional Officer (SJ)

Dy cfo (S2)

Vedpal
3/10

~~*DO*~~
cfo (S2)

what's present occupancy as a.F.

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Vedpal
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Anilash
10/10/17

