

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE ,NEW DELHI- 110001


NO.F6/DFS/MS/2018/SZ/ 160

Dated: 24/1/18

FIRE SAFETY CERTIFICATE

Certified that the Delhi Metro Rail Corporation Ltd., underground Metro Station at n Sector-21, Dwarka, New Delhi, comprised of basement plus ground floor except PD Area (Upper floor) owned/occupied by Delhi Metro Rail Corporation Ltd., was issued Fire Safety Certificate by this department vide letter no. F6/DFS/MS/2013/SZ/1320 dated 18.12.2013. The said building was re-inspected by the officers concerned of this department on 12.1.2018 in presence of Sh. Uma Shankar (SE) & Sh. Ravinder Kumar (Fire Inspector) from DMRC and found that the 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 Metro Station building/ Premises is fit for occupancy class D-7 "Assembly" with effect from...24.1.18... for a period of **three years**, subject to compliance of the conditions printed overleaf.

Issued on ...24.1.18..... at New Delhi by


(Vipin Kental)
Chief Fire Officer
Delhi Fire Service

Copy To:-

1. DGM/E&M Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-110001.

CONDITIONS

1. Access road for fire tenders movement all around the building shall be kept free from any hindrance.
2. All the means of escape shall be kept free of all type of obstruction all the time.
3. 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.
4. All the fire fighting equipments shall be maintained in perfect working condition all the time and any lapse rendering non-functional if fire safety measures, management shall be responsible.
5. Any deviation, with regards to construction, ventilation, occupation, electric installation etc. may be got verified from the concerned authorities.
6. The Fire Safety Certificate may not be treated in any case for regularizations of unauthorized construction / unauthorized use of land if any.
7. All comments / directions of licensing Department shall always be permitted and followed.
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
9. 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 copy of the certificate, six months prior to its expiry.

1	Name & address of the building	Dwarka Sec-21, Metro Station.
2	Type of Occupancy	Assembly (D-7)
3	Type of case	Renewal
4	Details of previous NOC	F6/DFS/MS/2013/SZ/1320 dated 18.12.2013
5	Fire safety directives letter No	NBC of India
6	Date of inspection	12.1.2018
7	Name of the inspecting Officers	M K Chattopadhyay DO (S/W) Satpal Bhardwaj ADO (Dwarka)
8	Name and designation of officers from the building side	Sh. Uma Shankar (S E) Ravinder Kumar (Fire Inspector) DMRC
9	Year of construction	2010
10	Applicant's letter No.	DMRC/O&M/Fire/NOC/L III/2017/52 Dated 11.12.2017

S. NO.	Minimum Standards on fire prevention and fire safety U/R 33	NBC Requirement/ letter dated 28.10.2010	Provided at site	Remarks MR / NMR
--------	---	--	------------------	------------------

1 Access to building

1) Road width	9 Meters	12 Meters	MR
2) Gate width	5 Meters	06 Meters	MR
3) Width of internal road	06 Meters	06 Meters	MR

2 Number, width Type & arrangement of exits

Number of Staircases	8 Nos.Undercroft to Plateform, 8 Nos. Platform to Concourse, 12 Concourse to upper floors.	Provided	MR
b. Width of staircase			
	Undercroft to plateform 1200 to 1340 mm, Platform to concourse 2700 to 3400 mm, Concourse to upper floors 1500 mm	Provided	MR
c. Protection of exits			
1. Fire check door	Required	Provided	MR
2. Pressurization	Required	Provided	MR
d. No. of continuous staircase to terrace	N/A	N/A	N/A
e. Width of corridor	N/A	N/A	N/A
f. Door size	1 Mtr.	1 Mtr.	MR

3 Compartmentation.

1. Fire check door	Required	Provided	MR
2. Sealing of electrical shafts	Required	Sealed	MR
3. Fire Rating of shaft door	2 Hrs.	2 Hrs.	MR
4. water curtain	N/A	N/A	N/A
5. Fire dampers	Required	Prvided	MR

4 Smoke Management system.

basement	Required	Provided	MR
upper floors	-	Vacant (PD area)	-

5 Fire Extinguishers

total numbers	60 Nos.	75 Nos. Provided	MR
Types	-	CO2, W/CO2, DCP	MR
ISL marking	Required	Provided	MR

	total numbers on each floor	3 Nos.	Provided	MR
	Length of Hose reel hose	30 M	Provided	MR
	Nozzle Diameter	5 mm	Provided	MR
7	Automatic fire detection and alarming system			
	Type of detectors	Smoke / Heat	Provided	MR
	location of Main Panel	SCR	Station control room	MR
	location of Repeater panel	Fireman's Staff	Provided	MR
	Alternate source of power	DG Set	DG Set Provided	MR
	hooter's location	At all locations	Provided	MR
8	MOEFA	Required	Provided	MR
9	Public Address System.	Required	Provided	MR
10	Automatic Sprinkler System.			
	basement	Required at platform	Provided	MR
	upper floors	-	Vacant (PD area)	-
	sprinkler above false ceiling	N/A	N/A	N/A
11	Internal Hydrants			
	Size of riser/down-corner	100 mm	100 mm	
	Number of Hydrants per floor	Required	04 Nos. on concourse level, 12 Nos. on all platform	MR
	hose Box	Required	Provided	MR
12	Yard Hydrants.			
	total number of hydrants	Required	Provided	MR
	hose box	Required	Provided	MR
13	Pumping arrangements			
	1. Ground level			
	a. Discharge of main Pump	2850 LPM	Provided	MR
	b. Head of main pump	70 M	Provided	MR
	c. Number of main pumps	01 Hyd & 01 Spk	Provided	MR
	d. jockey pump out put	2 X 180 LPM	2 X 180 LPM	MR
	e. jockey pump head	70 M	Provided	MR
	f. Standby Pump output	2 X 2850 LPM	Provided	MR
	g. Stanby Pump head	70 M	Provided	MR
	h. Auto Starting/Manual stopping	Required	Provided	MR
	pump house access			
	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	At ground level	2,00,000 Ltrs.	MR
	a. Draw-off connection	Required	Provided	MR
	b. fire service inlet	Required	Provided	MR
	c. Access to tank	Required	Provided	MR
	Over head tank Capacity	N/A	N/A	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	Required	Provided	MR
	d. Fireman's grounding switch	Required	Provided	MR
	e. Lift signage	Required	Provided	MR
17	Standby power supply	Required	DG Set	MR

N/11

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	Required	Provided in SCR	MR
	b. Flow switch Panel	Required	Provided	MR
	c. PA system Panel	Required	Provided	MR
	d. Battery backup	Required	Provided	MR
	e. Building floor plans	Required	Provided	MR
20	Special Fire Protection System for Protection of special Risks, if any:	Argonite gas flooding system protection provided for ASS, Telecom Equipment room CTER, SER & S & T UPS rooms		

Fire protection systems provided in the building were checked and found functional at the time of inspection. Shortcomings vide letter no. F6/DFS/MS/2017/SZ/3106 dated 23.11.2017 found rectified.

Keeping in view deemed compliance of the minimum standards on fire prevention and fire safety requirements under the rules renewal of FSC issued vide letter no. F6/DFS/MS/2013/SZ/1320 dated 18.12.2013 is recommended.

Note:- Property Development Area shall be inspected as and when will be developed.

Accordingly DFA is put up for your approval and signature please.

M K Chattopadhyay
 M K Chattopadhyay
 I DO (South West)

S.P. Bhardwaj
 S.P. Bhardwaj
 ADO (Dwarka)

2/20/2018
15/11/2018

DCFO(S2)

16/11

1551/CFOS2
18/11/2018



CFOS2

M-SCELL

17/11

FT is put up for signed

CFOS2

M-SCELL

24/11/18