

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

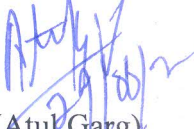
No.F.6/DFS/MS/Assembly(UG)/2021/SZ/ 289

Dated: 29/06/2021

FIRE SAFETY CERTIFICATE

Certified that the Dhansa Bus Stand Underground Metro Station, Line No.-9, New Delhi-110043, comprised of underground parking level, Concourse level, Platform level Undercroft level & ancillary building floor owned/occupied by Delhi Metro Rail Corporation Ltd. was inspected by the officers concerned of this department on 17/06/2021 in the presence of Sh. Saransh (AM) & others staff and found that the metro station building have Complied with the fire prevention and fire safety requirements in accordance with the rule 33 of the Delhi Fire Service Rules, 2010 and that the building/ premises is fit for occupancy class **(Group D Assembly Building)** with effect from 29/06/2021 the date of issue of this certificate 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 printed as below.

Issued on 29/06/2021 at New Delhi.


(Atul Garg)

Director

Delhi Fire Service

PC

Copy to:-

Delhi Metro Rail Corporation Ltd,
Metro Bhawan, Fire Brigade Lane,
Barakhamba Road, New Delhi-110001.

Following fire safety directives must be adhered to:-

1. All the fire safety arrangements provided therein shall be maintained in good working condition at all times.
2. The means of escape shall be kept unlocked and unobstructed for unhindered evacuation of occupants in case of emergency.
3. Any loss of life or property due to non-functional fire safety measures shall be at the risk and responsibility of the management.
4. The trained staff should be available round the clock.
5. Any deviations w.r.t. construction shall be verified by the concerned building sanctioning agency.
6. The certificate may not be treated in any case for the regularization of the unauthorized construction, if any.
7. Basement shall be used as per the building bye laws/NFPA.
8. The owner/occupier shall submit a declaration every year in the form 'K' provided in the first schedule of Delhi Fire Service Rules 2010, 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 the Form 'J' [sub rule (1) of rule 37] along with a copy of this Certificate, six months prior to its expiry.

- No.-9, New Delhi-110043.
2. Building is comprised of : Concourse, Platform level, Undercroft level & Ancillary bldg.
 3. Type of Occupancy : Assembly building D-7 (Metro Station)
 4. Type of Case : New
 5. Details of Previous FSC letter : Nil
 6. Fire safety direction letter No. : Nil
 7. Date of Inspection : 17/06/2021
 8. Name of the Inspecting officers : DO D.B.Mukharjee & ADO R.K. Yadav
 9. Name and designation of Officer from the building side : Sh. Saransh (Assisst.Manager)
 10. Year of Construction : 2019-21
 11. Applicant's letter No : DMRC/Elect/PH-III/(Extn.)/UG-2/CE-23/DFS date 05/04/2021

Sr. No.	Minimum Standards on Fire Prevention and Fire Safety U/R33	NPFA Requirement	Provided at Site	Remarks MR/NMR
01	Access to Building			
	• Road width	14 m	15 m	MR
	• Gate width	N/A	Directly accessible from road	MR
	• Width of internal road	Approachable	Abuts on road	MR
02	Number, Width, Type and Arrangement of Exits			
	a. Number of Staircase			
	• Undercroft to platform	4 no.	provided	MR
	• Platform to concourse	09 nos+2 escalator	provided	MR
	• Concourse to parking	03 nos +1escalator	provided	MR
	• Parking level to ground	06 nos. + 2 Ramp+1no. escalator	provided	MR
	B. Width of Staircases			
	• Undercroft to platform	1.5m x 2,1.3 x1,1.2m x1	1.5m x 2,1.3 x1,1.2m x1	MR
	• platform to concourse	4 no. of 4.10 m, 3no. of 1.50 m & 2 no. of 1.2 m+ 2 no. escalator 1 m	4 no. of 4.10 m, 3no. of 1.60 m & 2 no. of 1.2 m+ 2 no. escalator 1 m	MR
	• Concourse to parking	2no. of 4.2 m, 1 no. of 1.2 m & 1 no. of escalator 1.0 m	2no. of 4.2 m, 1 no. of 1.2 m & 1 no. of escalator 1.0 m	MR
	• Parking level to ground	2no. of 4.2 m, 2 no. of 1.5 m & 1 no.1.3m, & 1 no.1.2m, 1 no. of escalator 1.0 m & 2x4.1 ramp	2no. of 4.2 m, 2 no. of 1.5 m & 1 no.1.3m, & 1 no.1.2m, 1 no. of escalator 1.0 m & 2x4.1 ramp	
	c. Protection of Exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Required in fireman staircase	Provided	MR
	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	1.0 M	Provided	MR
03	Compartmentation.			
	• Fire check door	Required	Provided	MR
	• Sealing of electrical shafts	Required	Provided	MR
	• Fire rating of shaft door	Required	Provided	MR
	• Water curtain	N/A	N/A	N/A
	• Fire dampers	Required	Provided	MR
04	Smoke Management System.			
	• Basement	Required	Provided	MR
	• Upper floor	N/A	N/A	N/A
05.	Fire Extinguishers			
	Total No.	80 Nos.	120 No. Provided	MR
	Types	ABC& CO2	Provided	MR

6	First-Aid-Hose Reels.			
	<ul style="list-style-type: none"> Total numbers on each floor level Length of hose reel hose Nozzle diameter 	Platform-08, concourse-08, parking -06 nos.	Provided	MR
		30 mtr	Provided	MR
		05 mm	Provided	MR
07	Automatic Fire Detection and Alarming System.			
	<ul style="list-style-type: none"> Type of detectors Location of main panel Location of repeater panel Alternate source of power Hooter 	Smoke	Provided	MR
		Stn. Control room	Provided	MR
		Required	Fireman S/case	MR
		Required	Provided	MR
		Required	All areas	MR
08	MOEFA	Required	Provided	MR
09	Public Address System.	Required	Provided	MR
10	Automatic Sprinkler System.			
	<ul style="list-style-type: none"> Basement(Car Parking) upper floor(along rly. Track) sprinkler above false ceiling 	Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
11	Internal Hydrants			
	<ul style="list-style-type: none"> size of riser/down-comer Number of hydrants per floor Hose box 	150 mm	Provided	MR
		Platform-08, concourse-09, parking -06 nos, pump room- 1, chiller plant -1no., gr level -1 no.	Provided	MR
		Required	Provided	MR
12	Yard Hydrants.			
	<ul style="list-style-type: none"> Total number of hydrants Hose box 	Required	Provided	MR
		Required	Provided	MR
13	Pumping Arrangements.			
	➤ Ground Level			
	<ul style="list-style-type: none"> 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 	2839 LPM	Provided	MR
		88 m	Provided	MR
		02 nos	Provided	MR
		2X189 LPM	Provided	MR
		88 m	Provided	MR
		2X2839 LPM	Provided	MR
		88 m	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
	➤ Terrace Level			
	<ul style="list-style-type: none"> Discharge of pump Head of the pump Power supply Auto starting of pump 	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 	N/A	N/A	N/A
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		2,00,000 ltrs	2,00,000 ltrs	MR
15	Exit Signage.	Required	Provided	MR

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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	N/A	N/A	N/A
20	Special Fire Protection Systems for Protection of Special Risks, if Any:	Clean agent flooding system for transformer & LT panels	Provided	MR

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

Keeping in view of the above compliance of the minimum standards of fire prevention and fire safety measures under rule 35 of the Delhi Fire Service Rules 2010, Fire Safety Certificate is recommended.

Signature of the Inspecting Officer

Name : R. K. Yadav

Designation : ADO(JKP)

Signature of the Inspecting Officer

Name : D.B Mukharjee

Designation : Divisional Officer



By C.F.O. (S2)
24/6

C.F.O.

20/6

20/06/2021

20/6

M.H.K.

K.K.P.