

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

NEW DELHI-110 001.

No.F.6/DFS/MS/Assembly(UG)/2022/SZ/ 93

Dated: 04/03/2022

FIRE SAFETY CERTIFICATE

Certified that the Janakpuri West Underground Station, Line No.-8, New Delhi-110058, comprised of Undercroft, Platform level, Lower Concourse, Ground Concourse, Elevated Concourse level & Ancillary building having basement, ground plus one upper floor owned/occupied by Delhi Metro Rail Corporation Ltd. was inspected by the officers concerned of this department on 10/02/2022 in the presence of Sh. Bhrigu Fukan (AM/Fire) & others staff and found that the metro station building have deemed 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 04/03/2022 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..... 04/03/2022 at New Delhi.

(Ajit Garg)
Director

Delhi Fire Service

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.

N77

1. Name & address of the building : Janakpuri West Underground Station, Line No.-8, New Delhi-58.
2. Building is comprised of : Undercroft, Platform level, Lower Concourse, Ground Concourse, Elevated Concourse level & Ancillary bldg.(Basement, Ground plus one upper floor)
3. Type of Occupancy : Assembly building D-7 (Metro Station)
4. Type of Case : Renewal
5. Details of Previous FSC letter: : F.6/DFS/MS/Assembly(UG)/2018/SZ/463 dated 20/03/18
6. Fire safety direction letter No. : Nil
7. Date of Inspection : 10/02/2022
8. Name of the Inspecting officers : ADO R.K. Yadav
9. Name and designation of Officer from the building side : Sh. Bhriгу Fukan (AM/Fire)
10. Year of Construction : 2017
11. Applicant's letter No : DMRC/O&M/Fire/NOC/L-8/2022/02/02 date 02/02/2022

Sr. No	Minimum Standards on Fire Prevention and Fire Safety U/R33	NPFA Requirement	Provided at Site	Remarks MR/NMR
01	Access to Building	Required	11 m provided	MR
	• Road width	N/A	06 m	MR
	• Gate width	Approachable	06 m	MR
	• Width of internal road			
02	Number, Width, Type and Arrangement of Exits			
	a. Number of staircases	1 no.-Ancl. Bldg.	Provided	MR
	• Upper floors			
	• Basements	1. Undercroft to platform-3nos. 2. Platform to lower concourse-7nos.+ 4 escalator 3. Lower concourse to ground-5nos.+ 3 escalator 4. Ground to elevated concourse level - 02 nos & 4 escalator 5. Platform to ground concourse level 02 escalators 6. Lower concourse to elevated concourse 02 escalators	provided	MR
	b. Width of staircases	1.25 m	Provided	MR
	• Upper floors			
	• Basements	1. 1.25 m (3nos.) 2. 2.4 m (2 nos) + 3.0 m (02 nos.) +1.25 m (3 nos.)+Escalator 1 m (4 nos) 3. 2.8 m (2 nos.)+1.25 m (1 no.), Escalator 1 m (3 nos.) 4. 2.82 m (2 nos.), 1 m (4 nos.) 5. Escalator 1 m (2 nos.) 6. Escalator 1 m (2 nos.)	Provided	MR
	c. Protection of Exits	Required	Provided	MR
	• Fire check door	Required in fireman & Emergency staircase	Provided	MR
	• Pressurization	N/A	N/A	N/A
	d. No. of Continuous Staircases to Terrace	N/A		
	e. Width of Corridor	02 m	Provided	N/A
	f. Door Size	1.30/91 m	Provided	MR
03	Compartmentation.	Required	Provided	MR
	• Fire check door	Required	Provided	MR
	• Sealing of electrical shafts	03 hrs	Provided	MR
	• Fire rating of shaft door	N/A	N/A	N/A
	• Water curtain	N/A	N/A	N/A
	• Fire dampers	Required	Provided	MR
04	Smoke Management System.	Required in concourse & platform level	Provided	MR
	• Basement	N/A	N/A	N/A
	• Upper floor			
05.	Fire Extinguishers	122 Nos.	Provided	MR
	Total No.	ABC & CO2	Provided	MR
	Types	Required	Provided	MR
	ISI Marking			

6	First-Aid-Hose Reels.			
	Total numbers on each floor level	03 no. in ancillary bldg., 10 no.'s at CL, 10 no.'s at PL, 02 no. at Mezz., 03 no. at GCL & 01 no. at ECL.	Provided	MR
	• Length of hose reel hose	30 m	Provided	MR
	• Nozzle diameter	06 mm	Provided	MR
07	Automatic Fire Detection and Alarming System.			
	• Type of detectors	Required	Provided	MR
	• Location of main panel	Stn. Control room	Provided	MR
	• Location of repeater panel	Required	Fireman S/case	MR
	• Alternate source of power	Required	Provided	MR
	• Hooter	Required	All areas	MR
08	MOEFA	Required	Provided	MR
09	Public Address System.	Required	Provided	MR
10	Automatic Sprinkler System.			
	• Basement	Undertrack MVW nozzle + Store rooms at CI & PL	Provided	MR
	• Ground 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	150 mm/80 mm	Provided	MR
	• Number of hydrants per floor	03 no. in ancillary bldg., 10 no.'s at CL, 10 no.'s at PL, 02 no. at Mezz., 03 no. at GCL & 01 no. at ECL.	Provided	MR
	• Hose box	03 no. in ancillary bldg., 10 no.'s at CL, 10 no.'s at PL, 02 no. at Mezz., 03 no. at GCL & 01 no. at ECL & 4 nos. at PL	Provided	MR
12	Yard Hydrants.			
	• Total number of hydrants	02 no.'s	Provided	MR
	• Hose box	02 no.'s in ancillary bldg.	Provided	MR
13	Pumping Arrangements.			
	➤ Ground Level			
	• Discharge of main pump	2839 LPM	Provided	MR
	• Head of main pump	90 m & 56 m	Provided	MR
	• Number of main pumps	Two	Provided	MR
	• Jockey pump out put	2X189 LPM	Provided	MR
	• Jockey pump head	90 m & 56 m	Provided	MR
	• Standby pump out put	2X2839 LPM	Provided	MR
	• Standby pump head	90 m & 56 m	Provided	MR
	• Auto starting /manual stopping	Required	Provided	MR
	• Pump house access	Required	Provided	MR
	➤ Terrace Level			
	• Discharge of pump	N/A	N/A	N/A
	• Head of the pump	N/A	N/A	N/A
	• Power supply	N/A	N/A	N/A
	• Auto starting of pump	N/A	N/A	N/A
14	Captive Water Storage for Fire Fighting.			
	• Underground tank capacity	Required	2,00,000 ltrs (UG tank)	N/A
	• Draw-off connection	Required	Provided	MR
	• Fire service inlet	Required	Provided	MR
	• Access to tank	Required	Provided	MR
	• Overhead tank capacity	N/A	Provided	MR
15	Exit Signage.	Required	Provided	MR

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 in SCR	Provided	MR
	• Flow switch panel	N/A	N/A	N/A
	• PA system panel	Required	Provided	MR
	• Battery backup	Required	Provided	MR
	• Building floor plans	Required	Provided	MR
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.

In view the deemed compliance of the minimum standards on fire prevention and fire safety measures as required under the rules, the FSC issued vide letter, No. F.6/DFS/MS/Assembly(UG)/2018/SZ/463 dated 20/03/2018, renewal under rule 37 of the Delhi Fire Service rules 2010 is recommended.

R. K. Yadav
11/2/2022

Signature of the Inspecting Officer
Name : R. K. Yadav
Designation: ADO (JKP)

DO(SW)
[Signature]
11/2/2022

DO (S.W)
[Signature]

DO(SW)
[Signature]
11/2

DO(SW)
[Signature]
Director 11/2/22