

C-44

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


No.F6/DFS/MS/DMRC/2022/NDZ/ 116

Dated: 16/03/2022

FIRE SAFETY CERTIFICATE

Certified that the M/s DMRC Mansarovar Metro Station located at Mansarovar park G.T. Road, Delhi-110095 comprised of ground, concourse level and platform level owned/occupied by Delhi Metro Rail Corporation was issued FSC vide letter No. F6/DFS/MS/2008/3527 dated 23/12/08. The Metro Station building was re-inspected by the officer concerned of this department on 05/3/22 in the presence of Mr. Sanyam Jain, Assitt. Manager and found that the Metro Station building have deemed complied with the fire prevention and fire safety requirements in accordance with rules 33 of the Delhi Fire Service Rules, 2010 and observed that the building is fit for ground, concourse level and platform level occupancy class "D" Assembly Building' (Except PD Area)with effect from16/03/2022.....for a period of **three** years in accordance with the 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 below.

Issued on.....16/03/2022.....at New Delhi by


(Dr. S. K. Tomar)
Dy. Chief Fire Officer

To:-

Sr. DGM/E&M
Metro Bhawan, Fire Brigade Lane
New Delhi 110001



o/c

Conditions for the validity of Fire Safety Certificate

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 equipment 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 of the Director in Form 'J' [sub rule (1) of rule (37)] along with a copy of this Certificate, Six Months prior to its expiry.

N/S

1. Name & address of the building : DMRC Mansarovar Park Metro Station
2. Building is comprised of : Ground, Concourse level and Platform level
3. Type of Occupancy : Assembly building
4. Type of Case : Renewal
5. Details of Previous NOC letter : F6/DFS/MS/2008/3527 dt 23/12/08
6. Fire Safety directive letter No. : NBC Part IV
7. Date of Inspection : 05/03/2022
8. Name of the Inspecting officers : ADO Mehmood
9. Name and designation of Officer from the building side : Mr. Sanyam Jain, Assitt. Manager
10. Year of Construction :
11. Applicant's letter No : Nil Dated- 04/10/2021

Sr. No.	Minimum Standards on Fire Prevention and Fire Safety U/R33	NBC Par IV Requirement	Provided at Site	Remarks MR/NMR
01	Access to Building			
	• Road width	09 mtr.	28 mtr.	MR
	• Gate width	06 mtr.	06 mtr	MR
	• Width of internal road	N/A	N/A	N/A
02	Number, Width, Type and Arrangement of Exits			
	a. Number of Staircases			
	• Upper floor	04 nos.	02 + 02 + 04= 08 nos	MR
	• Basement	N/A	N/A	N/A
	B. Width of Staircases			
	• Upper floor	1.50 mtr	(05 mtr x 2),(2.80 mtr x 2) &(1.20 mtr x 4)	MR
	• Basement	N/A	N/A	N/A
	c. Protection of Exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	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	02 mtr.	03 mtr.	MR
03	Compartmentation.			
	• Fire check door	N/A	N/A	N/A
	• Sealing of electrical shafts	N/A	N/A	N/A
	• Fire rating of shaft door	N/A	N/A	N/A
	• Water curtain	N/A	N/A	N/A
	• Fire dampers	N/A	N/A	N/A
04	Smoke Management System.			
	• Basement	N/A	N/A	N/A
	• Upper floor	Required	Ventilated	MR
05.	Fire Extinguishers			
	• Total numbers	38 nos.	38 nos	MR
	• Types	ABC /CO ₂	ABC & CO ₂	MR
	• IS marking	ISI marked	Provided	MR

06	First-Aid-Hose Reels.			
	Total numbers on each Branch	04 nos	04 nos	MR
	• Length of hose reel hose	30 mtr	30 mtr	MR
	• Nozzle diameter	05 mm	05 mm	MR
07	Automatic Fire Detection and Alarming System.			
	• Type of detectors	Smoke	Multi Sensor	MR
	• Location of main panel	Concourse	Provided	MR
	• Location of repeater panel	Main Entry	Provided	MR
	• Alternate source of power	Required	Provided	MR
	• Hooter	Required	Provided	MR
08	MOEFA	Required	Provided	MR
09	Public Address System.	Required	Provided	MR
10	Automatic Sprinkler System.			
	• Basement	N/A	N/A	N/A
	• upper 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	150 mm	MR
	• Number of hydrants per floor	04 nos.	04 nos.	MR
	• Hose box	04 nos.	04 nos.	MR
12	Yard Hydrants.			
	• Total number of hydrants	02 nos	02 nos	MR
	• Hose box	02 nos	02 nos	MR
13	Pumping Arrangements.			
	➤ Ground Level			
	• Discharge of main pump	1800 LPM	1800 LPM	MR
	• Head of main pump	70 M	70 M	MR
	• Number of main pumps	01 nos	01 nos	MR
	• Jockey pump out put	180 LPM	180 LPM x 2	MR
	• Jockey pump head	70 M	70 M	MR
	• Standby pump out put	1800 LPM	2850 LPM x 2	MR
	• Standby pump head	70 M	70 M	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	1,00,000 ltr	1,00,000 ltr	MR
	• Draw-off connection	Required	Provided	MR
	• Fire service inlet	Required	Provided	MR
	• Access to tank	Required	Provided	MR
	• Overhead tank capacity	N/A	N/A	N/A
15	Exit Signage.	Required	Provided	MR

Provision of Lifts					
16	<ul style="list-style-type: none"> Pressurization of lift shaft Pressurization of lift lobby Communication in lift car Firemen's grounding switch Lift signage 	N/A	N/A	N/A	
		N/A	N/A	N/A	
		Required	Provided	MR	
		Required	Provided	MR	
		Required	Provided	MR	
17	Standby Power Supply	Required	Provided	MR	
18	Refuge Area.				
		<ul style="list-style-type: none"> Total area Location 	N/A	N/A	N/A
		N/A	N/A	N/A	
19	Fire Control Room				
		<ul style="list-style-type: none"> Detector system panel Flow switch panel PA system panel Battery backup Building floor plans 	Required	Provided	MR
		Required	Provided	MR	
		Required	Provided	MR	
		Required	Provided	MR	
		Required	Provided	MR	
20	Special Fire Protection Systems for Protection of Special Risks, if Any:	N/A	N/A	N/A	

The fire protection systems provided in the building were tested/checked and found functional at the time of inspection. The P. D. Area has already been cleared by Delhi Fire Service.

Keeping in view the deemed compliance of the minimum standards on fire prevention and fire safety required under the NBC Part-IV, it is recommended to issue Fire Safety Certificate under the rule 35 of Delhi Fire Service, rules 2010.

[Signature]
 Signature of the Inspecting Officer
 Name :- Mehmood
 Designation :- A.D.O (T.Pur)

~~DO (ED)~~ Pl. speak regarding point No. 14 i.e. requirement of UGWSST.

[Signature]
 09/03/2022

~~ADO / T.P.~~

Previous NBC sanctioned as per the tank capacity 75,000 ltr for Metro Station, Now tank capacity of Metro Station and h.d. increased at 1,00,000 (One lakh litres)

~~DO (ED)~~

[Signature]
 9/3/2022

[Signature]
 Submitted by
 8/3/2022
 ADO (T.P.)
 P. T. O.