

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEAD QUARTERS: DELHI FIRE SERVICE: NEW DELHI - 110001

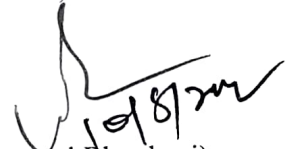
No. F6/DFS/MS/Metro/2022/ 360

Dated 12/08/2022

FIRE SAFETY CERTIFICATE

Certified that the **Vishwavidhalya Underground Metro Station, DMRC Ltd at Vishwavidhalya, Delhi** owned/ occupied by **Delhi Metro Rail Corporation Ltd.** was granted FSC by this department vide letter no. **F6/DFS/MS/2006/MS/1645 dated 18.07.2006**. The premises was re-inspected by the officers concerned of this department on **29.07.2022** in the presence of **Mr. Omkar Kumar (Fire Inspector, DMRC)** and found that the building/premise have deemed complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and the building/ premises is fit for **occupancy class 'D' Assembly Building** with effect from 12/08/2022 for a period of **03 (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 12/08/2022 at New Delhi by


(Dharampal Bhardwaj)
Dy. Chief Fire Officer
Ph-011-23414250

Copy to:-

1. Mr. Omkar Kumar (Fire Inspector, DMRC), Delhi Metro Rail Corporation Ltd. at Vishwavidhalya Underground Metro Station, Delhi.

Conditions for the validity of Fire Safety Certificate:

1. All the fire safety arrangement provided there-in shall be maintained in good working conditions at all times.
2. Loss of life or property due to non functional fire safety measure shall be at the responsibility of the management.
3. The trained fire fighting staff should be available round the clock.
4. Any deviation with regard to the construction etc shall be verified by the concerned building sanctioning agency.
5. This certificate cannot be treated in any case for regularizations of unauthorized construction.
6. The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director of Form 'J' [sub rule (1) of rule 37] along with a copy of this Certificate, six months prior to its expiry".
7. The owner / occupier shall submit a declaration every year in form "K" provided in the first schedule of Delhi Fire Service Rules 2010. The form is available on WWW.dfs.Delhigovt.nic.in
8. All the means of escape shall be kept free of any obstruction all the time to evacuate the occupant, in a safe manner, in the event of emergency.

N/8

INSPECTION REPORT

1. Name & address of the building : Vishwavidhalya Metro Station, Delhi.
2. Type of Occupancy : Assembly
3. Composition of building : Platform level, Subway level & Concourse level (Ground)
4. Type of Case : Renewal
5. Details of previous NOC : F6/DFS/MS/2006/1645 dated 18.07.2006
6. Fire Safety directives letter No : NBC Part 4.
7. Date of inspection : 29.07.2022
8. Name of the Inspecting Officers : ADO (RN)
9. Name and designation of officers
from the building side : Mr. Omkar Kumar, Fire Inspector (DMRC)
10. Year of Construction : 2006
11. Applicant's letter No. : DMRC/O&M/FIRE/NOC/L-2/2022/07/06 dated 06.07.2022

S. No	Minimum Standards on fire prevention and fire safety U/R 33	NBC Part-4 Requirement	Provided at site	Remarks MR/NMR
1	Access to building			
	• Road width	06m	10m	MR
	• Gate width	5m	7.3m	MR
	• Width of internal road	NA	NA	NA
2	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	• Upper Floors	02nos	02nos.	MR
	• Basements	12nos	14nos	MR
	b. Width of staircases			
	• Upper Floors	02m	02m	MR
	• Basements	Platform to Subway - 04nos. Subway to Concourse- 04nos. Platform to Concourse-04nos. (Emergency Exits) Fireman Staircases- 02nos. (Platform to Concourse level)	2.30m each 2.15m each 1.25m each 1.30m each	MR
	c. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	Provided	MR
	d. No. of continuous staircases to terrace	01	01	MR
	e. Width of Corridor	2.0m	Provided	MR
	f. Door Size	02m	Provided	MR
3	Compartmentation.			
	• Fire check door	Required	Provided	MR
	• Sealing of electrical shafts	Required	Provided	MR
	• Fire Rating of shaft door	02 hrs	02 hrs	MR
	• Water Curtain	NA	NA	NA
	• Fire Dampers	Required	Provided	MR
4	Smoke Management System.			

M19

	<ul style="list-style-type: none"> Basements 	30ACPH	Provided	Y
	<ul style="list-style-type: none"> Upper floors 	12ACPH	Natural	MR
5	Fire Extinguishers			
	<ul style="list-style-type: none"> Total numbers 	70nos	121nos	MR
	<ul style="list-style-type: none"> Types 	ABC/CO2/WCO2	ABC-42, CO2-77 & WCO2-02	MR
	<ul style="list-style-type: none"> IS marking 	Required	Provided	MR
6	First-Aid Hose Reels.			
	<ul style="list-style-type: none"> Total numbers on each floor 	Platform level-08 nos. Subway level- 06 nos. Concourse level- 04 nos.	Provided	MR
	<ul style="list-style-type: none"> Length of hose reel hose 	30m	30m	MR
	<ul style="list-style-type: none"> Nozzle diameter 	5mm	5mm	MR
7	Automatic fire detection and alarming system.			
	<ul style="list-style-type: none"> Type of detectors 	Required	Smoke & Heat	MR
	<ul style="list-style-type: none"> Location of Main Panel 	Required	Station control room	MR
	<ul style="list-style-type: none"> Location of Repeater Panel 	Required	Provided in fireman staircase	MR
	<ul style="list-style-type: none"> Alternate source of power 	Required	Provided	MR
	<ul style="list-style-type: none"> Hooters' Location 	Required	Platform, subway & concourse	MR
8	MOEFA	Required	Provided	MR
9	Public Address System.	NA	NA	NA
10	Automatic Sprinkler System.			
	<ul style="list-style-type: none"> Basement 	NA	NA	NA
	<ul style="list-style-type: none"> Upper Floor 	NA	NA	NA
	<ul style="list-style-type: none"> Sprinkler above false ceiling 	NA	NA	NA
11	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser/down-comer 	150mm	150mm	MR
	<ul style="list-style-type: none"> Number of hydrants per floor 	Platform level- 08nos Subway level- 05nos. Concourse- 04nos.	Provided	MR
	<ul style="list-style-type: none"> Hose Box 	Platform level- 08nos Subway level- 05nos. Concourse- 04nos.	Provided	MR
12	Yard Hydrants.			
	<ul style="list-style-type: none"> Total number of hydrants 	NA	NA	NA
	<ul style="list-style-type: none"> Hose Box 	NA	NA	NA
13	Pumping Arrangements.			
	<ul style="list-style-type: none"> ➤ Ground Level 			
	<ul style="list-style-type: none"> ➤ Discharge of main Pump 	4731 LPM	Provided	MR
	<ul style="list-style-type: none"> ➤ Head of Main pump 	110m	Provided	MR
	<ul style="list-style-type: none"> ➤ Number of main pumps 	01	Provided	MR
	<ul style="list-style-type: none"> ➤ Jockey Pump out put 	379 LPM	Provided	MR
	<ul style="list-style-type: none"> ➤ Jockey pump head 	110m	Provided	MR
	<ul style="list-style-type: none"> ➤ Standby Pump out put 	4731 LPM	Provided	MR
	<ul style="list-style-type: none"> ➤ Standby Pump Head 	110m	Provided	MR

14

99

	➤ Hose reel pump out put	Required	Provided	MR	
	➤ Auto Starting/ Manual stopping	Required	Provided	MR	
	➤ Pump House Access				
	• Terrace level	NA	NA	NA	
	➤ Discharge of pump	NA	NA	NA	
	➤ Head of the pump	NA	NA	NA	
	➤ Power Supply	NA	NA	NA	
	➤ Auto Starting of pump				
14	Captive Water Storage for fire fighting.				
	• Underground tank capacity	2,00,000 ltr	Provided	MR	
	➤ Draw-off connection	Required	Provided	MR	
	➤ Fire service inlet	Required	Provided	MR	
	➤ Access to tank	Required	Provided	MR	
	• Overhead Tank capacity	NA	NA	NA	
15	Exit Signage.		Required	Provided	MR
16	Provision of Lifts.				
	• Pressurization of Lift Shaft	Required	Provided	MR	
	• Pressurization of Lift lobby	NA	NA	NA	
	• Communication In lift Car	Required	Provided	MR	
	• Fireman's Grounding Switch	Required	Provided	MR	
	• Lift Signage	Required	Provided	MR	
17	Standby power supply		Required	Provided	MR
18	Refuge Area.				
	➤ Total Area	NA	NA	NA	
	➤ Location	NA	NA	NA	
19	Fire Control Room				
	• Detector System Panel	Required	Provided	MR	
	• Flow Switch Panel	Required	Provided	MR	
	• PA System Panel	Required	Provided	MR	
	• Batter backup	Required	Provided	MR	
	• Building Floor Plans	Required	Provided	MR	
20	Special Fire Protection Systems for Protection of special Risks, if any:	Rubber mat & CO2 flooding systems	Provided	MR	

The fire protection systems provided in the building were tested/ checked randomly and found in working condition at the time of inspection.



Keeping in view the satisfactory compliance of the minimum standards on fire prevention and fire safety required as stipulated in NBC Part-IV the FSC issued vide letter of even no 1645 dated 18.07.2006 renewal under rule 37 of the Delhi Fire Service Rules, 2010 is recommended.

DO(N/W)

~~Dy CPO (WZ)~~
04/08/2022

~~Signature~~
04/08/2022

Signature of the Inspecting Officer
Name: - C.L. Meena
Designation:- ADO/RN

~~MS/AG~~
~~ADO/RN~~

As approved, F.T. letter is put up for your signature pl.

~~Dy CPO (WZ)~~

~~Signature~~
10/08/2022

~~Signature~~
10/08/2022
ADO(RN)

~~MS/AG~~