

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

No F 6 / DFS / MS / 2021 / 13

Dated 08/01/2021 /2021

FIRE SAFETY CERTIFICATE

Certified that the **Mukundpur Elevated Metro Station of Line 7, Phase-III of Delhi Metro Project, Delhi** comprised of Ground /Concourse & Platform Level owned/ occupied by **Delhi Metro Rail Corporation Ltd.** was granted NOC by this department vide letter no. **F6/MS/DFS/MS/2017/1882 dated 29.12.2017**. The premises was re-inspected by the officers concerned of this department on **28.12.2020** in the presence of **Mr. Sanyam Jain, Assistance Manger/Fire** 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 08/01/2021 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 08/01/2021 at New Delhi by

(DharampalBhardwaj)
Dy. Chief Fire Officer
Ph-011-25156707

Copy to:-

1. Sh. Sanyam Jain (Assistance Manager/Fire), Delhi Metro Rail Corporation Ltd. Majlis Park (Mukundpur). Metro Station, Delhi

Conditions for the validity of Fire Safety Certificate:

- 1 All the means of escape/entry/exit shall be kept free from any obstruction.
- 2 All the fire safety arrangements provided therein shall be maintained in good working condition at all time as seen during inspection. Any loss of life or property due to non-functional fire safety measures shall be at the responsibility of the management.
- 3 All the staff members must know the correct method of operation of firefighting system.
- 4 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 <http://delhi.gov.in./wps/wcm/connect/doit fire/FIRE/Home/Forms>.
- 5 This fire safety certificate may not in any way be treated as regularization (Clause 2.8 of UBBL-2016) of unauthorized construction or Alteration (Clause 1.4.3 of UBBL-2016), if any.
- 6 "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 a copy of this Certificate, **six months** prior to its expiry".

1. Name & address of the building : Mukundpur Elevated Metro Station of Line 7, Phase-III of Delhi Metro Project, Mukundpur, Delhi.
2. Type of Occupancy : Assembly
3. Type of Case : Renewal (Ground /Concourse & Platform Level)
4. Details of previous NOC : F6/DFS/MS/2017/1882 Dated 29/12/2017
5. Fire Safety directives letter No : F6/DFS/MS/BP/2013/266 dated 02.09.2013
6. Date of inspection : 28.12.2020
7. Name of the Inspecting Officers : ADO (RN)
8. Name and designation of officers from the building side : Mr. Sanyam Jain (Assistance Manager/Fire)
9. Year of Construction :--
10. Applicant's letter No. : Online E-Mail I.D dated: 15.12.2020


S. No	Minimum Standards on fire prevention and fire safety U/R 33	NBC Requirement	Provided at site	Remarks MR/NMR
1	Access to building			
	• Road width	12m	40m	MR
	• Gate width	4.5 m	4.50m	MR
	• Width of internal road	NA	NA	NA
2	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	• Upper Floors	04 nos	04 nos	MR
	• Basements	NA	NA	NA
	b. Width of staircases			
	• Upper Floors	3.20m	5.20m x 02 & 3.35m x 02	MR
	• Basements	NA	NA	NA
	c. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	Provided	MR
	d. No. of continuous staircases to terrace	NA	NA	NA
	e. Width of Corridor	NA	NA	NA
	f. Door Size	1.0m	1.0m	MR
3	Compartmentation.			
	• Fire check door	Required	Provided	MR
	• Sealing of electrical shafts	Required	Provided	MR
	• Fire Rating of shaft door	Required	Provided	MR
	• Water Curtain	NA	NA	NA
	• Fire Dampers	N/A	N/A	N/A
4	Smoke Management System.			

	<ul style="list-style-type: none"> Basements 	30ACPH	NA	NA
	<ul style="list-style-type: none"> Upper floors 	12ACPH	Natural Ventilated	MR
5	Fire Extinguishers			
	<ul style="list-style-type: none"> Total numbers 	20nos	30 nos	MR
	<ul style="list-style-type: none"> Types 	ISI marked	Co2-10 & ABC-22	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 	Concourse -03 nos Platform - 03 nos	03 nos 03 +03 nos.	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 in utility area	Provided	MR
	<ul style="list-style-type: none"> Location of Main Panel 	G.F	Provided	MR
	<ul style="list-style-type: none"> Location of Repeater Panel 	Required	Provided	MR
	<ul style="list-style-type: none"> Alternate source of power 	Required	Provided	MR
	<ul style="list-style-type: none"> Hooters' Location 	At strategic locations	Provided	MR
8	MOEFA	Required	Provided	MR
9	Public Address System.	Required	Provided	MR
10	Automatic Sprinkler System.			
	<ul style="list-style-type: none"> Basement 	NA	NA	NA
	<ul style="list-style-type: none"> Upper Floor 	Required	Provided	MR
	<ul style="list-style-type: none"> Sprinkler above false ceiling 	Required	Provided	MR
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 	03 nos each	03 nos	MR
	<ul style="list-style-type: none"> Hose Box 	03nos each	Provided	MR
12	Yard Hydrants.			
	<ul style="list-style-type: none"> Total number of hydrants 	03nos	03 nos	MR
	<ul style="list-style-type: none"> Hose Box 	03 nos	03 nos	MR
13	Pumping Arrangements.			
	<ul style="list-style-type: none"> ➤ Ground Level 			
	<ul style="list-style-type: none"> ➤ Discharge of main Pump 	1800 Lpm	1800 LPM	MR
	<ul style="list-style-type: none"> ➤ Head of Main pump 	70m	70m	MR
	<ul style="list-style-type: none"> ➤ Number of main pumps 	01	01	MR
	<ul style="list-style-type: none"> ➤ Jockey Pump out put 	180 LPM	180 LPM	MR
	<ul style="list-style-type: none"> ➤ Jockey pump head 	70 m	70m	M/R
	<ul style="list-style-type: none"> ➤ Standby Pump out put 	1800LPM	1800 lpm electrical pump connected with D G Set	MR
	<ul style="list-style-type: none"> ➤ Standby Pump Head 			

	stopping	Required	Provided	MR
	➤ Pump House Access	Required	Provided	MR
	• Terrace level			
	➤ Discharge of pump	NA	NA	NA
	➤ Head of the pump	NA	NA	NA
	➤ Power Supply	NA	NA	NA
	➤ Auto Starting of pump	NA	NA	NA
14	Captive Water Storage for fire fighting.			
	• Underground tank capacity	50,000ltrs	50,000ltrs	MR
	➤ Draw-off connection	Required	Provided	MR
	➤ Fire service inlet	Required	Provided	MR
	➤ Access to tank	Required	Provided	MR
	• Overhead Tank capacity	10,000 ltrs	10,000 ltr.	MR
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 DG Set	MR
18	Refuge Area.			
	➤ Total Area	Required	Provided	MR
	➤ Location	Required	Provided	MR
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	Required	Provided	MR
20	Special Fire Protection Systems for Protection of special Risks, if any:	Required	Provided in Electrical Panel Room	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 1882 dated 29.12.2017 renewal under rule 37 of the Delhi Fire Service Rules, 2010 is recommended.


 Signature of the Inspecting Officer 29/12/2020