

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE, NEW DELHI- 110001

No. F6/DFS/MS/Metro/WZ/2022/ 30

Dated 20/01/2022

FIRE SAFETY CERTIFICATE

Certified that the **Mundka Industrial Area (MIA) Metro Station (Elevated)** located at **Mundka Industrial Area (MIA), Delhi-110041** comprised of **Ground level, Concourse level, DDA Platform level, Mid-Landing level & Platform level** owned/occupied by **Delhi Metro Rail Corporation** was issued Fire Safety Certificate by this department vide letter no. F6/MS/DFS/MS/Metro/2018/737 dated 19.04.2018. The said building/Premises was re-inspected by the officer concerned of this department on 03.01.2022 in the presence of Sh. Sanyam Jain (AM/Fire) and found that the premises have deemed complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules 2010, and that the building is fit for occupancy Group – D ‘Assembly’ Sub Division D-7 with effect from 20/01/2022 for a period of three years, subject to compliance of the conditions under rule 38 of the Delhi Fire Service, Rules 2010, printed overleaf.

Issued on 20/01/2022 at New Delhi by



(Sunil Chaudhary)
Dy. Chief Fire Officer

Copy to:

1. Sh. Vivek Srivastava (JGM/E&M) , Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-110001.

Following fire safety directive must be adhered to :-

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 equipments shall be maintained in perfect working condition all the time and any lapse rendering non-functional if fire safety measures, management shall be responsible.
4. Any deviation, with regards to construction, ventilation, occupation, electric installation etc. may be got verified from the concerned authorities.
5. The Fire Safety Certificate may not be treated in any case for regularizations of unauthorized construction / unauthorized use of land if any.
6. All comments / directions of licensing Department shall always be permitted and followed.
7. 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
8. 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 copy of the certificate, six months prior to its expiry.

① 87C
17/01/22

INSPECTION REPORT

1. Name & address of the building: Mundka Industrial area (MIA) Metro Station (Elevated), Mundka Industrial Area (MIA), Delhi-110041
2. Type of Occupancy : Assembly (Metro Station)
3. Type of Case : Renewal (Ground level, Concourse level, DDA Platform level, Mid-landing level & Platform level)
4. Details of previous NOC : F6/DFS/MS/Metro/2018/737 dated 19.04.2018
5. Fire Safety directives Letter No. : F6/DFS/MS/BP/2015/2657 dated 18.12.2015
6. Date of inspection : 03.01.2022
7. Name of the Inspecting Officer : Aman Kumar Lathar, ADO (JWP)
8. Name and designation of Officer from the building side : Sh. Sanyam Jain (AM/Fire)
9. Year of Construction : 2017-18
10. Applicant's letter No. : email dated 12.12.2021

S No	Minimum standards on fire prevention and fire safety U/R 33	NBC Requirements/letter dated 19.04.2018	Provided at site	Remarks MR/NMR
1.	Access of building			
	<ul style="list-style-type: none"> • Road width • Gate width • Width of internal road 	<ul style="list-style-type: none"> On Main Road 05 m NA 	<ul style="list-style-type: none"> On Main Road On Main Road NA 	<ul style="list-style-type: none"> MR MR NA
2.	Number, width, Type & Arrangements of exits			
	a. Number of staircases			
	<ul style="list-style-type: none"> • Upper floors • Basements 	<ul style="list-style-type: none"> 2 + 4 NA 	<ul style="list-style-type: none"> 2 + 4 NA 	<ul style="list-style-type: none"> MR NA
	b. Width of staircases			
	<ul style="list-style-type: none"> • Upper floors • Basements 	<ul style="list-style-type: none"> 2 mtr NA 	<ul style="list-style-type: none"> Ground to Concourse:- 4.10 mtr x 2 & 3.50 mtr x 1 Concourse to Metro Platform:- 3.80 mtr x 4 NA 	<ul style="list-style-type: none"> MR NA
	c. Protection of exits			
	<ul style="list-style-type: none"> • Fire check door • Pressurization 	<ul style="list-style-type: none"> Required NA 	<ul style="list-style-type: none"> Provided NA 	<ul style="list-style-type: none"> MR NA
	d. No of continuous staircase to terrace	NA	NA	NA
	e. Width Of Corridor	NA	NA	NA
	f. Door Size	1 m	Provided	MR
3.	Compartmentation			
	<ul style="list-style-type: none"> • Fire check door • Sealing of electrical shafts • Fire Rating of shaft door • Water Curtain • Fire Dampers 	<ul style="list-style-type: none"> Required Required NA NA NA 	<ul style="list-style-type: none"> Provided Provided NA NA NA 	<ul style="list-style-type: none"> MR MR NA NA NA
4.	Smoke managements System			
	<ul style="list-style-type: none"> • Basements • Upper floors 	<ul style="list-style-type: none"> NA 12 a/c per hour 	<ul style="list-style-type: none"> NA Provided 	<ul style="list-style-type: none"> NA MR
5.	Fire Extinguishers			
	<ul style="list-style-type: none"> • Total numbers • Types • IS marking 	<ul style="list-style-type: none"> 20 Nos. ABC, CO2 ISI marked 	<ul style="list-style-type: none"> 30 Nos. Provided Provided 	<ul style="list-style-type: none"> MR MR MR

6.	First – Aid Hose Reels			
	<ul style="list-style-type: none"> Total numbers on each floor 	02	06 at concourse & 04 at platform	MR
	<ul style="list-style-type: none"> Length of hose reel hose 	45 m	Provided	MR
	<ul style="list-style-type: none"> Nozzle diameter 	6.5 mm	Provided	MR
7.	Automatic fire detection and alarming system			
	<ul style="list-style-type: none"> Type of detectors 	Smoke & Heat	Provided	MR
	<ul style="list-style-type: none"> Location of Main Panel 	Required	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 	Required	Provided	MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	<ul style="list-style-type: none"> Basements 	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 	150 mm	Provided	MR
	<ul style="list-style-type: none"> Number of hydrants per floor 	02	03 at GF, 06 at Concourse & 04 at Platform	MR
	<ul style="list-style-type: none"> Hose Box 	Required	Provided	MR
12.	Yard Hydrants			
	<ul style="list-style-type: none"> Total number of hydrants 	Required	Provided	MR
	<ul style="list-style-type: none"> Hose Box 	Required	Provided	MR
13.	Pumping Arrangements:			
	<ul style="list-style-type: none"> Ground Level 			
	➤ Discharge of main pump	1800 lpm	1800 lpm	MR
	➤ Head of main pump	70 M	70 M	MR
	➤ Number of main pumps	1	Provided	MR
	➤ Jockey pump out put	180 lpm	Provided	MR
	➤ Jockey pump head	70 M	70 M	MR
	➤ Standby Pump out put	1800 lpm	Provided	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	NR .	NR	NR
	➤ Head of the pump	NR	NR	NR
	➤ Power supply	NR	NR	NR
	➤ Auto starting of pump	NR	NR	NR
14.	Captive water Storage for fire fighting:			
	➤ Under ground tank capacity	50,000 litres	Provided	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.	Provided	MR
15	Exit Signage	Required	Provided	MR
16.	Provision of Lifts			
	➤ Pressurization of Lift Shaft	NA	NA	NA
	➤ 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
	➤ Battery backup	Required	Provided MR
	➤ Building Floor Plans	Required	Provided MR
20.	Special Fire Protection Systems for Protection of special Risks, if any:	NOVEC-1230 Flooding for ASS, HT, LT Panle	Provided MR

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

Keeping in view deemed compliance of the minimum standards of fire prevention and fire safety requirements under the rules, renewal of Fire Safety Certificate issued vide letter no. F6/DFS/MS/ Metro/2018/737 dated 19.04.2018 is recommended under rules 37 of the Delhi Fire Service rules 2010 under the DFS Act 2007.

~~DO (West)~~

Initial
17/01/22.
Aman Kumar Lathar, ADO (JWP)

210/20/100
4.7/1/2022

~~DO (West)~~
F.T.

A D O (JWP)

F.T. letter is put-up for signature pl.

~~DO (SZ)~~

Initial
17/01/22
A D O (JWP)

M. S. Ull