



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

No. F.6/DFS/MS/Metro/2024/SZ/36

Dated: 12/01/2024

FIRE SAFETY CERTIFICATE

Certified that the Dhaula Kuan Elevated Metro Station of Airport Express Line, Dhaula Kuan, New Delhi, comprised of basement, ground plus two upper floors (Ground for station entry/exit, 1st Floor: Concourse & 2nd Floor: Platform only), owned/occupied by Delhi Metro Rail Corporation was issued Fire Safety Certificate by this department vide letter No. F6/DFS/MS/Metro/2020/SZ/525 dated 17/12/2020. The premises was re-inspected by the officer concerned of this department on 04/01/2024 in presence of Sh. Omkar Kumar (Sr. Fire Inspector) and observed that the said premises have deemed complied with fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and that the premises is fit for occupancy class "Assembly Group-D" (Metro Station) with effect from 12/01/2024 for a period of three years in accordance with rule 36 unless renewal 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 12/01/2024 at New Delhi by

(ATUL GARG)
DIRECTOR
DELHI FIRE SERVICE

Copy to: -

1. Sh. Malay Saha (GM / Elect & Tech), Delhi Metro Rail Corporation Limited, Metro Bhawan, 13, Fire Brigade Lane, Barakhamba Road, New Delhi-110001

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 arrangement provided therein shall be maintained in good working conditions at all time as seen during inspection. Any loss of life 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 fire fighting system.
4. Any deviation with regard to construction, ventilation, occupancy, electric installation etc, may be got verified from concerned authorities.
5. 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
6. 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.
7. The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director in Form 'J' [sub rule (1) of rule37] along with a copy of this Certificate, six months prior to its expiry".

INSPECTION REPORT

1.	Name & address of the building	Dhaura Kuan Elevated Metro Station of Airport Express Line, Dhaura Kuan, New Delhi		
2.	Type of Occupancy	Assembly Occupancy (Metro Station)		
3.	Building Comprised of	Basement, Ground plus two upper floors, (Basement for services & parking, Ground floor for P.D Area and station entry/exit. 1 st floor concourse and 2 nd floor Platforms)		
4.	Type of Case	Renewal		
5.	Details of previous NOC	F6/DFS/MS/Metro/2020/SZ/525 dated 17/12/2020		
6.	Fire Safety directives Letter	F.6/DFS/MS/BP/2008/2989 dated 03/10/2008		
7.	Date of inspection	04/01/2024		
8.	Name of Inspecting Officer	Santosh Kumar, ADO (SJ)		
9.	Name and designation of Officer from building side	Sh. Omkar Kumar (Sr. Fire Inspector)		
10.	Year of Construction	2010		
11.	Applicant letter No.	Outdoor Diary No. 8206 dated 03/11/2023		
S. No.	Minimum standards on fire prevention and fire safety U/R 33	Requirement / Existing Fire Protection System	Provided at site	Remarks MR/NMR
1.	Access of building			
	• Road width	12m	Provided	MR
	• Gate width	On road	On road	MR
	• Width of internal road	NA	NA	NA
2.	Number, width, Type & Arrangements of exits			
	a. Number of staircases			
	• Upper floors	GF to FF=06 Nos FF to SF =08 Nos	GF to FF= 06 Nos FF to SF = 08 Nos	MR
	• Basements	06 Nos	06 Nos + 1 ramp	MR
	b. Width of staircases			
	• Upper floors	1m / 1.5m / 2m	04 Nos= 1m (each) 02 Nos= 1.5m (each) 02 Nos= 2m (each)	MR
	• Basements	1.5m / 2m	5 nos.=1.55m (each) & ramp=4.1m	MR
	c. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	NA	NA	NA
	d. No of continuous staircase to terrace	Required	01no. provided	MR
	e. Width of Corridor	2.5m	Provided	MR
	f. Door Size	NA	NA (Old case)	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	Required	Provided	MR
4.	Smoke managements System			
	• Basements	30 ACPH	Provided	MR
	• Upper floors	12 ACPH	Provided	MR
5.	Fire Extinguishers			
	• Total numbers	80 Nos	90 Nos	MR
	• Types	CO ₂ /W.CO ₂ /DCP	W.CO ₂ , CO ₂ & DCP	MR
	• ISI marking	ISI marked	Provided	MR
6.	First-Aid Hose Reels			
	• Total numbers on each floor	BF=04 nos., GF=Nil, FF=06 & SF= 06nos.	BF=04 nos., GF=Nil, FF=06 & SF= 06nos.	MR
	• Length of hose reel hose	30 m	30 m	MR
	• Nozzle diameter	5 mm	5 mm	MR

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7.	Automatic fire detection and alarming system			
	• Type of detector	Smoke	Provided	MR
	• Location of Main Panel	Required	Provided at Concourse level	MR
	• Location of Repeater Panel	NA	NA	NA
	• Alternate source of power	Required	Provided	MR
	• Hooters' Location	Required	All Areas	MR
8.	MOEFA			
		Required	Provided	MR
9	Public Address System			
		Required	Provided	MR
10	Automatic Sprinkler System			
	• Basements	Required	Provided	MR
	• Upper Floors	NA	NA	NA
	• Sprinkler above false ceiling	NA	NA	NA
11	Internal Hydrants			
	• Size of riser/down-comer	150 mm	150 mm	MR
	• Number of hydrants per floor	BF=04 nos., GF=Nil, FF=06 & SF= 06nos.	BF=04 nos., GF=Nil, FF=06 & SF= 06nos.	MR
	• Hose Box	BF=04 nos., GF=Nil, FF=06 & SF= 06nos.	BF=04 nos., GF=Nil, FF=06 & SF= 06nos.	MR
12	Yard Hydrants			
	• Total number of hydrants	10 nos.	10 nos.	MR
	• Hose Box	10 nos.	10 nos.	MR
13	Pumping Arrangements			
	• Ground Level			
	➤ Discharge of main pump	4500 LPM	4500 LPM	MR
	➤ Head of main pump	80m	80m	MR
	➤ Number of main pumps	01	01	MR
	➤ Jockey pump out put	180 LPM	180 LPM	MR
	➤ Jockey pump head	80m	80m	MR
	➤ Standby Pump out put	4500 LPM (Electric)	4500 LPM (Electric connected to DG Set)	MR
	➤ Standby Pump Head	80m	80m	MR
	➤ Auto Starting/Manual 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	2,00,000 Ltrs	2,00,000 Ltrs	MR
	➤ Draw of 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	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
		Required	DG Set Provided	MR
17.	Standby power supply			
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	NA	NA	NA
	➤ 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;	CO ₂ & ABC type fire extinguishers and inert gas flooding system provided for electric panel & signaling room.		MR

The Fire protection systems provided in the building/premises were checked, tested at random and found functional at the time of inspection.

Keeping in view of the deemed compliance of the minimum standards on fire prevention and fire safety measures as required under the rules, the Fire Safety Certificate issued vide letter No. F6/DFS/MS/Metro/2020/SZ/525 dated 17/12/2020, renewal under rule 37 of Delhi Fire Service Rules, 2010 is recommended.

Accordingly, DFA is put up for approval and signature please.

Santosh Kumar
05.01.24
Signature of the Inspecting Officer
Name: Santosh Kumar
Designation: ADO (SJ)

DO (SD)

mull
06/11/24

cto
08/01/2024

Director

AD (SJ)

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

Director
11/11/24
mu

Santosh Kumar
10.01.24