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Amrit Mahotsav

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

No. F.6/DFS/MS/Metro/2024/SZ/ 35

Dated: 12/01/2024

FIRE SAFETY CERTIFICATE

Certified that the Metro Station at Delhi Aerocity, Near Mahipalpur, IGI Airport (Airport Express Line), New Delhi-110037, comprised of five level underground metro station (undercroft, platform, concourse, mezzanine and ground floor), owned/occupied by Delhi Metro Rail Corporation was earlier issued Fire Safety Certificate by this department vide letter No. F6/DFS/MS/2021/43 dated 20/01/2021. 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 basement shall be used as per the provisions of BBL
6. 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
7. 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.
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 a copy of this Certificate, six months prior to its expiry".

INSPECTION REPORT

1.	Name & address of the building	Metro Station at Delhi Aerocity, Near Mahipalpur, IGI Airport, New Delhi-110037		
2.	Type of Occupancy	Assembly (Group-D)		
3.	Building Comprised of	Four level underground Metro Station, Undercroft and Platform below ground level and concourse at ground floor. First floor service only		
4.	Type of Case	Renewal		
5.	Details of previous NOC	F6/DFS/MS/2021/43 dated 20/01/2021		
6.	Fire Safety directives Letter	F.6/DFS/MS/BP/2009/3889 dated 23/12/2009		
7.	Date of inspection	04/01/2024		
8.	Name of Inspecting Officer	ADO (SJ) Santosh Kumar		
9.	Name and designation of Officer from building side	Sh. Omkar Kumar (Fire Inspector)		
10.	Year of Construction	2010		
11.	Applicant letter No.	Outdoor Diary No. 10051 dated 24/11/2023		
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	NA	Abuts on road	NA
	• Width of internal road	NA	NA	NA
2.	Number, width, Type & Arrangements of exits			
	a. Number of staircases			
	• Upper floors	02 nos.	02 nos.	MR
	• Basements	Total=8 (UC to PF=2 & PF to CC=8)	Total=8 (UC to PF=2 & PF to CC=8 Nos.)	MR
	b. Width of staircases			
	• Upper floors	1.5 (each)	1.5 (each)	MR
	• Basements	CG 2400mm (each)	1.5 (each)	MR (Old case)
	c. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	Provided	MR
	d. No of continuous staircase to terrace	NA	NA	NA
	e. Width of Corridor	2.5m	2.5m	MR
	f. Door Size	2m	2m (final exit)	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	As per Engg. Analysis (Subway enrolment simulation & Computation fluid dynamics)	MR
	• Upper floors	12 ACPH		MR
5.	Fire Extinguishers			
	• Total numbers	120 Nos	122 Nos	MR
	• Types	ABC/CO ₂ /WC.O ₂ Foam/DCP	ABC, CO ₂ , WCO ₂ , Foam & DCP	MR
	• ISI marking	ISI marked	Provided	MR
6.	First-Aid Hose Reels			
	• Total numbers on each floor	CC=05, PF=08 nos. & 1 st Floor=01	CC=05, PF=08 nos. & 1 st Floor=01	MR
	• Length of hose reel hose	30m	30m	MR
	• Nozzle diameter	5mm	5mm	MR

7.	Automatic fire detection and alarming system			
	<ul style="list-style-type: none"> Type of detector Location of Main Panel Location of Repeater Panel Alternate source of power Hooters' Location 	Smoke & Heat	Smoke & Heat	MR
		Required	Concourse Level	MR
		NA	NA	NA
		Required	Provided	MR
		Required	All Areas	MR
8.	MOEFA	Required	Provided	MR
9	Public Address System	Required	Provided	MR
10	Automatic Sprinkler System			
	<ul style="list-style-type: none"> Basements Upper Floors Sprinkler above false ceiling 	Required	Provided in unmanned area only	MR
		NA	NA	NA
		NA	NA	NA
11	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser/down-comer Number of hydrants per floor Hose Box 	150 mm	Provided	MR
		Concourse= 05 Platform=08 nos. & 1 st Floor=01 No.	Provided	MR
		Concourse= 05 Platform=08 nos. & 1 st Floor=01 No.	Provided	MR
12	Yard Hydrants			
	<ul style="list-style-type: none"> Total number of hydrants Hose Box 	08 nos.	Provided	MR
		08 nos.	Provided	MR
13	Pumping Arrangements			
	<ul style="list-style-type: none"> Ground Level <ul style="list-style-type: none"> Discharge of main pump Head of main pump Number of main pumps Jockey pump out put Jockey pump head Standby Pump out put Standby Pump Head Auto Starting/Manual stopping Pump House Access Terrace level <ul style="list-style-type: none"> Discharge of pump Head of the pump Power supply Auto starting of pump 	2800 LPM	4500 LPM	MR
		50m	80m	MR
		02	2 (1-Hydrant & 1-standby)	MR
		180 LPM x 2	180 LPM x 1 (Old Case)	MR
		50m	80m	MR
		2800 LPM (electric)	4500 LPM (electric)	MR
		50m	80m	MR
		Required	Provided	MR
		Required	Provided	MR
		NA	NA	NA
		NA	NA	NA
		NA	NA	NA
		NA	NA	NA
14	Captive water Storage for fire fighting			
	<ul style="list-style-type: none"> Underground tank capacity <ul style="list-style-type: none"> Draw of connection Fire service inlet Access to tank Overhead Tank capacity 	NA	NA	NA
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		200,000 Ltrs	Provided at FF	MR
15	Exit Signage	Required	Provided	MR
16.	Provision of Lifts			
	<ul style="list-style-type: none"> Pressurization of Lift Shaft Pressurization of lift lobby Communication in lift Car Fireman's Grounding Switch Lift Signage 	Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
17.	Standby power supply	Required	DG Set Provided	MR
18.	Refuge Area			
	<ul style="list-style-type: none"> Total area Location 	NA	NA	NA
		NA	NA	NA

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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;	ABC & CO ₂ Fire Extinguishers and inert gas flooding system provided for electric panels		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/2021/43 dated 20/01/2021, renewal under rule 37 of Delhi Fire Service Rules 2010 is recommended.

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

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

~~DO (SD)~~
~~meel~~
~~06/11/24~~
~~CFO~~
~~8/01/2024~~
~~Director~~
~~11/11/24~~
AD (SJ)

Sir, F.T Letter is pending for your signature pl.

~~Director~~
~~11/11/24~~
man

S Kumar
10.01.24