



No.F6/DFS/MS/DMRC/NDZ/2023/ 405

Dated: 21/08/2023

FIRE SAFETY CERTIFICATE

Certified that M/s DMRC Akshardham Metro Station, Delhi Metro Rail Corporation Ltd., Delhi -110092, comprised of Lower Basement, Upper Basement, Lower Ground, Upper Ground, Concourse and 1st floor Platform owned / occupied by Delhi Metro Rail Corporation Ltd. was earlier issued Fire Safety Certificate from this department vide letter No. F6/DFS/MS/2009/3352 dated 11/11/2009. The premise was re-inspected by the officer of this department on 05/05/2022 in the presence of Sh. C.A. Murthy and found that all the fire prevention and fire safety arrangements provided in the premises found in good working condition the premises have therefore 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 premises is fit for occupancy class "Assembly Building" Group -"D" with effect from 21/08/2023 for a period of 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, printed below.

Issued on 21/08/2023 at New Delhi by.

(ATUL GARG)
DIRECTOR
DELHI FIRE SERVICE

Copy to:-

1. Delhi Metro Rail Corporation Ltd., Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-110001.

Conditions for the validity of Fire Safety Certificate

1. All the fire safety arrangements provided therein shall be maintained in good working conditions at all times.
2. Any loss of life or property due to non functional fire safety measures shall be at the responsibility of the management.
3. The trained fire fighting staff should be available round the clock.
4. Any deviation w.r.t. construction etc. shall be verified by the concerned building sanctioning authority.
5. This fire safety certificate may not be treated in any case for regularization of unauthorized construction, if any.
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. The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director in form 'J' [sub rule (I) of rule 37] along with a copy of this Certificate, six month prior to its expiry".
8. Basement shall be used as per NBC/UBBL.
9. Any change in the occupancy shall be intimated to this Deptt. and approval shall be obtained thereto before occupancy of the same.

INSPECTION REPORT

1	Name & address of the building	DMRC, Akshardham Metro Station, Delhi Metro Rail Corporation Ltd., Delhi -110092.		
2	Building is comprised of	Lower Basement, Upper Basement, Lower Ground, Upper Ground & First Floor (Concourse Level) & Platform Level (Second Floor).		
3	Type of occupancy	Assembly Building		
4	Type of case	Renewal		
5	Details of previous FSC	F6/DFS/MS/2009/3352 dated 11/11/2009		
6	Fire safety direction letter no.	F6/DFS/MS/BP/2008/1226 dated 29/04/2008		
7	Date of inspection	07.08.2023		
8	Name of the inspecting officers	A.K. Jaiswal, DO (ED.)&Yashwant Singh Meena, ADO (L.N.		
9	Name of the designation of officer From the building side	Mr. Pushkar (Fire Officer)		
10	Year of construction	2008		
11	Applicant's letter no	Outdoor Diary No.- 4250 dated- 28/07/2023		
S.No	Minimum Standards on fire Prevention and fire safety requirements U/R 33	Requirement as per NBC/UBBL	Provided at Site	Remarks MR/NMR
1	Access to building			MR
	a Road width	12 Mtrs	16 Mtrs	N/A
	b Gate width	N/A	N/A	N/A
	c Width of internal road	N/A	N/A	N/A
2	Number, Width, Type and Arrangement of Exits			
	A Number of staircases			MR
	a Upper floor	04	04	MR
	b Basement	02	02 & 02 Ramp	MR
	B Width of staircases			MR
	a Upper floor	2.00 m	2.34 m, 2.14m, 2.00m & 2.28 m	MR
	b Basement	2.00 m	2.14 m, 2.00 m & Ramp 4.48 m & 4.02 m	MR
	C Protection of exits			MR
	a Fire check door	Required	Provided	N/A
	b Pressurization	N/A	N/A	MR
	D No. of continuous staircases to terrace	02 nos.	04 nos.	MR
	E Width of corridor	1.50 mtrs.	1.50 mtrs.	MR
	F Door size	2.0mtrs.	2.0mtrs.	MR
3	Compartmentation			MR
	a Fire check door	Required	Provided	MR
	b Sealing of electrical shafts	Required	Provided	MR
	c Fire rating of shaft door	2 hrs	2 hrs	N/A
	d Water curtain	N/A	N/A	MR
	e Fire dampers	Required	Provided	MR
4	Smoke Management System.			MR
	a Basement	Required	Provided	MR
	b Upper floor	Required	Provided	MR

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5.	Fire Extinguisher				
	a	Total numbers	40 nos.	56 nos.	MR
	b	Types	CO ₂ & ABC	CO ₂ & ABC	MR
	c	ISI marking	ISI marked	ISI marked	MR
6	First-aid-Hose Reels.				
	a	Total numbers of each floor	02	Provided	MR
	b	Length of hose reel hose	30 m	Provided	MR
	c	Nozzle diameter	5 mm	Provided	MR
7	Automatic fire detection and alarming system.				
	a	Type of detectors	Heat & Smoke	Provided	MR
	b	Location of main panel	Basement	Provided	MR
	c	Location of repeater panel	Security Room	Provided	MR
	d	Alternate source of power	Battery & DG Set	Provided	MR
	e	Hooters	Staircase	Provided	MR
8	MOEFA		Required	Provided	MR
9	Public address System.		Required	Provided	MR
10	Automatic Sprinkler System.				
	a	Basement	Required	Provided	MR
	b	Upper floors	Required	Provided	MR
	c	Sprinkler above false ceiling	Required	Provided	MR
11	Internal Hydrants				
	a	Size of riser	100 mm	100 mm	MR
	b	Number of hydrants per floor	02 nos.	02 nos.	MR
	c	Hose Box	02 nos.	02 nos.	MR
12	Yard Hydrants.				
	a	Total number of hydrants	Required	Provided	MR
	b	Hose Box	Required	Provided	MR
13	Pumping Arrangements.				
	A	Ground Level			
	a	Discharge of main Pump	1800 LPM	Provided	MR
	b	Head of Main Pump	70 m	Provided	MR
	c	Number of main pumps	01 no.	Provided	MR
	d	Jockey pump out put	180 LPM	Provided	MR
	e	Jockey pump head	70 m	Provided	MR
	f	Standby pump out put	1800 LPM	Provided	MR
	g	Standby pump head	70 m	Provided	MR
	h	Auto starting /manual stopping	Required	Provided	MR
	i	Pump House Access	Required	Provided	MR
	B	Terrace Level			
	a	Discharge of pump	N/A	N/A	N/A
	b	Head of the Pump	N/A	N/A	N/A
	c	Power supply	N/A	N/A	N/A
	d	Auto Starting of pump	N/A	N/A	N/A

DMRC, Akshardham Metro Station, Delhi Metro Rail Corporation Ltd., Delhi -110092.

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14	Captive Water Storage for Fire Fighting.			
a	Underground tank capacity	1,00,000 Ltrs.	Provided	MR
b	Draw-off connection	Required	Provided	MR
c	Fire service inlet	Required	Provided	MR
d	Access to tank	Required	Provided	MR
e	Overhead Tank capacity	N/A	N/A	N/A
		Required	Provided	MR
15	Exit Signage.			
16	Provision of Lifts.			
a	Pressurization of Lift Shaft	Required	Provided	MR
b	Pressurization of Lift lobby	NA	NA	NA
c	Communication in lift car	NA	NA	NA
d	Firemen's grounding switch	NA	NA	NA
e	Lift Signage	NA	NA	NA
		Required	Provided	MR
17	Standby power supply			
18	Refuge Area.			
a	Total area	NA	NA	NA
b	Location	NA	NA	NA
19	Fire Control Room			
a	Detector system panel	Required	Provided	MR
b	Flow switch panel	N/A	N/A	N/A
c	PA system panel	Required	Provided	MR
d	Battery backup	Required	Provided	MR
e	Building Floor Plans	Required	Provided	MR
		Required	Provided at LT & HT Panel	MR
20	Special Fire Protection systems for protection of special Risks, if any:			

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

Keeping in view of above. The deemed compliance of the minimum standards of fire prevention and fire safety measures as required under the rules. The NOC / FSC issued vide letter No. F6/DFS/MS/2009/3352 dated 11/11/2009 renewal under rule 35 of the Delhi Fire Service rules 2010, is recommended.

Signature of the Inspecting Officer
Name: - Yashwant Singh Meena
Designation: - ADO (L.N)

D.O. (ED)

Dy.CFO (NDZ)

C.F.O.

Director

DO/Adl

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Submitted for approval pl.
17/08/2023

18/08/23

18/08/2023

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21/8/2023

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