

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

No. F.6/DFS/MS/Metro/2022/SZ/ 284

Dated: 24/06/2022

FIRE SAFETY CERTIFICATE

Certified that “DMRC Saket Underground Metro Station” comprised of Ground floor, Concourse & Platform level owned/occupied by DMRC Delhi was issued Fire Safety Certificate by this department vide letter no F6/DFS/MS/2010/2394 dated 13/08/2010. The premise was re-inspected by the officer concerned of this department on 15/06/2022 in the presence of Mr. Ashish Antil (Fire inspector) and found that the said metro station building 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 premises is fit for occupancy class-D “Assembly Occupancy Metro Railway” as above with effect from 24/06/2022 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.

Issued on 24/06/2022 at New Delhi by

(SUNIL CHAUDHARY)
DY. CHIEF FIRE OFFICER (SZ)

Copy to: -

1. Mr. Vivek Shrivastava (JGM/F&M) Delhi Metro Rail Corporation, Metro Bhawan, Fire Brigade Lane, New Delhi-110001.

Conditions for the validity of Fire Safety Certificate: -

1. All the fire safety arrangement provided therein shall be maintained in good working condition 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.
2. All the staff members must know the correct method of operation of fire fighting system.
3. The basement shall be used strictly as per the provision of Building Bye Laws.
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 www.dfs.delhigovt.nic.in
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 (I) of rule 37] along with a copy of this Certificate, six month prior to its expiry.”

N/4



INSPECTION REPORT

1	Name & Address of the Building	DMRC Saket Underground Metro Station New Delhi		
2	Type of Occupancy	Assembly (D-7)		
3	Building Comprised of	Ground floor, Concourse & Platform level.		
4	Type of Case	Renewal		
5	Details of Previous NOC	F6/DFS/MS/2010/2394 dated 13/08/2010		
6	Fire Safety Directives Letter No	Nil		
7	Date of Inspection	15-06-2022		
8	Name of the Inspecting Officers	Sh. Rajesh Kumar ADO (BCP)		
9	Name & Designation of Officers from the building side	Ashish Antil Fire inspector Delhi Metro rail Corporation		
10	Year of construction	2010		
11	Applicant letter No.	Gmail of dated 08/03/2022		
S. No.	Minimum standards on Fire Prevention and Fire Safety U/R 33	Old FSC Requirement	Provided at Site	Remarks MR/NMR
1	Access to Building.			
	<ul style="list-style-type: none"> Road width Gate width Width of internal road 	As per PWD Required	YES. Approx 6mtrs	MR
		Required	6mtrs	MR
2	Number, width, type & arrangements of exits			
	a. Number of Staircase			
	➤ Upper floors	N/A	N/A	N/A
		Required	03(Platform to concourse) 03(concourse to ground)	MR
	➤ Basement floor			
	b. Width of Staircase			
	➤ Upper floors	N/A	N/A	MR
	➤ Basement floor	Required	PF- CC -3.5mtr.(3 nos) CC-Ground- 4.00m (2nos), EMG Exit PF-CC- 2.35mtr (2 nos)	MR
	c. Protection of exits			
	➤ Fire check door	-	-	-
	➤ Pressurization	Required	Provided	MR
	d. No. of continuous staircase to terrace	Required	Provided in Firemen & emergency staircase	MR
	e. Width of corridor	As per NFPA	6 staircases	MR
	f. Door size	Required	1.9 m (Emergency exit)	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. 	Required	Provided	MR
		Required	Provided	MR
		Required	2 hrs	N/A
		N/A	N/A	N/A
		Required	provided	MR
4	Smoke Management system.			
	<ul style="list-style-type: none"> Basement Upper floors 	Required	4 nos Tunnel ventilation fans & 6 nos Track way exhaust fans provided	N/A
		N/A	N/A	N/A
5	Fire Extinguishers.			
	<ul style="list-style-type: none"> Total numbers Types ISI Marking 	78 Nos :- Co2 Ext. -54, ABC Ext- 24	Provided	MR
			Provided	MR
			Provided	MR
6	First Aid Hose Reels.			

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	<ul style="list-style-type: none"> Total numbers on each floor. Length of hose-reel hose Nozzle Diameter 	05 (Each Platform), 09 (Concourse level) 1ECS (north & south) 1 ANC	Provided	MR
		30 mtrs	Provided	MR
		5mm	Provided	MR
7	Automatic fire detection & alarming system.			
	<ul style="list-style-type: none"> Type of detectors 	Required	Smoke & Heat detector provided	MR
	<ul style="list-style-type: none"> Location of Main Panel 	Required	Provided at Station Control Room	MR
	<ul style="list-style-type: none"> Location of Repeater Panel 	Required	Provided in Firemen staircase	MR
	<ul style="list-style-type: none"> Alternate source of power 	Required	Provided	MR
	<ul style="list-style-type: none"> Hooter's location 	Required	Provided at platform and concourse level	MR
8	MOEFA	Required	Provided	MR
9	Public Address System	Required	Provided	MR
10	Automatic Sprinkler System			
	<ul style="list-style-type: none"> Basement 	Required	Provided at platform	MR
	<ul style="list-style-type: none"> Upper floors 	Required	Provided	MR
	<ul style="list-style-type: none"> Sprinkler above false ceiling 	N/A	N/A	N/A
11	Internal Hydrants.			
	<ul style="list-style-type: none"> Size of Riser/Down-comer 	80 mm	Provided	MR
	<ul style="list-style-type: none"> Number of Hydrant per floor 	Required	Provided Platform each-5, Concourse- 9.ECS north & South(1)	MR
	<ul style="list-style-type: none"> Hose box. 	Required	As above.	MR
12	Yard Hydrants.			
	<ul style="list-style-type: none"> Total number of hydrants. 	Required	Provided-2 nos.	MR
	<ul style="list-style-type: none"> Hose box. 	Required	Provided-2 nos.	MR
13	Pumping arrangements.			
	a) Ground Level			
	<ul style="list-style-type: none"> ➤ Discharge of main pump. 	2859 lpm	Provided	MR
	<ul style="list-style-type: none"> ➤ Head of main pump. 	75 mts.	Provided	MR
	<ul style="list-style-type: none"> ➤ Number of main pumps. 	02	Provided	MR
	<ul style="list-style-type: none"> ➤ Jockey Pump output. 	189 LPM	Provided	MR
	<ul style="list-style-type: none"> ➤ Jockey Pump head. 	56 mts.	Provided	MR
	<ul style="list-style-type: none"> ➤ Standby Pump output. 	2859LPM	Provided	MR
	<ul style="list-style-type: none"> ➤ Standby Pump head. 	56 mts	Provided	MR
	<ul style="list-style-type: none"> ➤ Auto Starting/Manual Stopping. 	Required	Provided	N/A
	<ul style="list-style-type: none"> ➤ Pump House Access 	Required	Provided	N/A
	b) Terrace Level			
	<ul style="list-style-type: none"> ➤ Discharge of pump. 	N/A	N/A	N/A
	<ul style="list-style-type: none"> ➤ Head of pump. 	N/A	N/A	N/A
	<ul style="list-style-type: none"> ➤ Power supply. 	N/A	N/A	N/A
	<ul style="list-style-type: none"> ➤ Auto starting of pump. 	N/A	N/A	N/A
14	Captive water storage for Fire Fighting.			
	<ul style="list-style-type: none"> Underground tank capacity. 	100 KL.	Provided	MR
	<ul style="list-style-type: none"> ➤ Draw-off connection. 	Required	Provided 01 no near fire tank	MR
	<ul style="list-style-type: none"> ➤ Fire Service Inlet. 	Required	Provided	MR
	<ul style="list-style-type: none"> ➤ Access to tank. 	Required	Provided	MR
	<ul style="list-style-type: none"> Overhead tank capacity. 	N/A	N/A	N/A
15	Exit Signage.	Required	Provided	MR
16	Provision of Lifts.			
	<ul style="list-style-type: none"> Pressurization of lift shaft. 	N/A	N/A	N/A
		N/A	N/A	N/A

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	<ul style="list-style-type: none"> • Pressurization of lift lobby. • Communication in lift car. • Fireman's switch. • Lift signage. 	Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
17	Standby Power Supply	Required	Provided (DG Set)	MR
18	Refuge Area			
	<ul style="list-style-type: none"> • Total area • Location 	N/A	N/A	N/A
		N/A	N/A	N/A
19	Fire Control Room.			
	<ul style="list-style-type: none"> • Detector System Panel. • Flow Switch Panel. • PA system Panel. • Battery backup • Building floor plan 	Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
20	Special Fire Protection System for the Protection of Special Risk, if any :	ASS North, ASS South – Total Gas flooding system.		MR

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

Keeping in view of the deemed compliance of the minimum standard on fire prevention and fire safety measures as required under the rules, the FSC issued vide letter no F6/DFS/MS/2010/2394 dated 13/08/2010, renewal under rule 37 of the Delhi Fire Service rules, 2010 is recommended.

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

Rajesh Kumar
19/06/2022

Signature of Inspecting Officer
Name: Rajesh Kumar
Design: ADO (BCP)

DO (SD)

Rajesh Kumar
17/06

DO (SD)

ADO BCP

As approved, f.t. letter is put up for your signature pl

Dy CFO/52

17/06
22/06/2022

M.S. Singh