

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

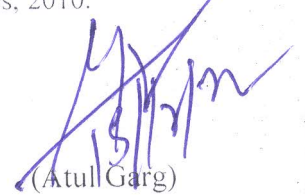
No F 6 / DFS / MS / Metro/2020/SZ/ 525

Dated: 17/12/2020

FIRE SAFETY CERTIFICATE

Certified that the M/s Dhaula Kuan Elevated Metro Station of Airport Metro Express Line, Dhaula Kuan New Delhi comprised of basement, ground for station entry /exit, 1st floor concourse & 2nd floor platform only owned/ occupied by Delhi Metro Rail Corporation was issued fire safety certificate vide letter no. F6/DFS/MS/2017/SZ/1109 dated 27.07.2017 (Except basement). The premises was re-inspected by the officer concerned of Fire Service on 07.12.2020 in the presence of Mr. Ravinder Kumar, Fire Inspector and observed that all the fire prevention & fire safety arrangements as provided in the premises found in good working condition. The premises have therefore deemed complied with the fire prevention and fire safety requirements accordance with rule 33 of the Delhi Fire Service rule 2010, and the building/ premises is fit for occupancy **Class D " Assembly Occupancy"(Metro Station)** with effect from 17/12/2020 for a period, of **three years** in accordance with rules 36 unless renewed under rules 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 ... 17/12/2020 ... at New Delhi by



(Atul Garg)
Director

Ph-011-23414000

Copy to:

1. The General Manager (E & M), Delhi Metro Rail Corporation, Metro Bhawan, Fire Brigade Lane, New Delhi.
2. Station -in-Charge, Dhaula Kuan elevated Metro Station, Dhaula Kuan, New Delhi.

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 arrangements provided therein shall be maintained in good working condition at all time as seen during inspection. Any loss of life or 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 firefighting system.
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 <http://delhi.gov.in/wps/wcm/connect/doi/fire/FIRE/Home/Forms>.
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 (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	M/s Dhaula Kuan Elevated Metro Station of Airport Express Line, Dhaula Kuan, New Delhi		
2	Type of Occupancy	Assembly Occupancy (Metro Station)		
3	Building Comprised of	Basement, Ground plus two upper floors, Basement for services and parking, ground floor for P.D Area and station entry/exit, 1 st floor concourse and second floor platforms		
4	Type of Case	Renewal		
5	Details of Previous NOC	F.6/DFS/MS/2017/SZ/1109 dated 27/07/2017 (except basement)		
6	Fire Safety Directives Letter No	F6/DFS/MS/BP/2008/2989 dated 03/10/2008		
7	Date of Inspection	26/10/2020		
8	Name of the Inspecting Officers	DO S.K. Dua & ADO Bhupender Prakash		
9	Name & Designation of Officers from the building side	Mr. Ravinder Kumar (Fire Inspector)		
10	Year of construction	2010		
11	Applicant letter No.	E-mail Dated 21/07/2020		
S. No.	Minimum standards on Fire Prevention and Fire Safety U/R 33	Existing Fire Protection System	Provided at Site	Remarks MR/NMR
1	Access to Building.			
	<ul style="list-style-type: none"> • Road width • Gate width • Width of internal road 	12 m	30 m	MR
		On road	On road	MR
		-N/A-	-N/A-	-N/A-
2	Number, width, type & arrangement of exits.			
	a) Number of Staircase			
	➤ Upper floors	GF to FF = 06 Nos. FF to SF= 08	GF to FF = 06 Nos., FF to SF= 08	MR
	➤ Basement floor	06 Nos.	06 Nos. + 1 ramp	MR
	b) Width of Staircase			
	➤ Upper floors	1m/ 1.5m / 2m	04 Nos. = 1m (each) 02 Nos. = 1.5 m (each) & 02 Nos. = 2m (each)	MR
	➤ Basement floor	1.5m/ 2m	5 Nos. = 1.55m (each) & ramp = 4.1m	MR
	c) Protection of exits			
	➤ Fire check door	Required	Provided	MR
	➤ Pressurization	-N/A-	-N/A-	-N/A-
	d) No. of continuous staircase to terrace	Required	01 No.	MR
	e) Width of corridor	2.5m	2.5m	MR
	f) Door size	N/A	N/A	N/A (old case)
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	Provided	MR
		-N/A-	-N/A-	-N/A-
		Required	Provided	MR
4.	Smoke Management system.			
	<ul style="list-style-type: none"> • Basement • Upper floors 	30 ACPH	Provided	MR
		12 ACPH	Provided	MR
5.	Fire Extinguishers.			
	<ul style="list-style-type: none"> • Total numbers • Types • ISI Marking 	80 Nos.	94 Nos. provided	MR
		CO ₂ /W.CO ₂ /DCP	CO ₂ -35 /W.CO ₂ -22/ DCP-37 Nos	MR
		ISI Marked	Provided	MR

6.	First Aid Hose Reels.			
	<ul style="list-style-type: none"> Total numbers on each floor Length of hose-reel hose. Nozzle Diameter 	BF=04nos, GF=Nil. FF= 06nos & SF= 06nos	BF=04nos, GF=Nil. FF= 06nos & SF= 06nos	MR
		30m	30m	MR
		5mm	5mm	MR
7	Automatic fire detection & alarming system.			
	<ul style="list-style-type: none"> Type of detectors Location of Main Panel Location of Repeater Panel Alternate source of power Hooter's location 	Smoke Required -N/A- Required Required	Smoke Provided at concourse level -N/A- Provided All Areas	MR MR -N/A- MR MR MR MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	<ul style="list-style-type: none"> Basement. Upper floors Sprinkler above false ceiling 	Required -N/A- -N/A-	Provided -N/A- -N/A-	MR -N/A- -N/A-
11.	Internal Hydrants.			
	<ul style="list-style-type: none"> Size of Riser / Down-comer Number of Hydrant per floor Hose box. 	150mm BF=04nos, GF=Nil. FF= 06nos & SF= 06nos BF=04nos, GF=Nil. FF= 06nos & SF= 06nos	150mm Provided BF=04nos, GF=Nil. FF= 06nos & SF= 06nos BF=04nos, GF=Nil. FF= 06nos & SF= 06nos	MR MR MR
12.	Yard Hydrants.			
	<ul style="list-style-type: none"> Total number of hydrants. Hose box. 	10 Nos. 10 Nos.	10 Nos. provided 10 Nos. provided	MR MR
13.	Pumping arrangements.			
	<ul style="list-style-type: none"> Ground Level ➤ Discharge of main pump. ➤ Head of main pump. ➤ Number of main pumps. ➤ Jockey Pump output. ➤ Jockey Pump head. ➤ Standby Pump output. ➤ Standby Pump head. ➤ Auto Starting/Manual Stopping. ➤ Pump house access. Terrace Level ➤ Discharge of pump. ➤ Head of pump. ➤ Power supply. ➤ Auto starting of pump. 	4500 LPM 80m 01 No. 180 LPM 80m 4500 LPM (Electric) 80m Required Required	4500 LPM 80m 01 No. 180 LPM 80m 4500 LPM (Electric & connected to DG set) 80m Provided Provided	MR MR MR MR MR MR MR MR MR MR -N/A- -N/A- -N/A- -N/A-
14.	Captive water storage for firefighting.			
	<ul style="list-style-type: none"> Underground tank capacity. <ul style="list-style-type: none"> ➤ Draw-off connection. ➤ Fire Service Inlet. ➤ Access to tank. Overhead tank capacity. 	2,00,000 Ltrs Required Required Required -N/A-	2,00,000 Ltrs Provided Provided Provided -N/A-	MR MR MR MR -N/A- 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 switch. Lift signage. 	-N/A- -N/A- Required Required Required	-N/A- -N/A- Provided Provided Provided	-N/A- -N/A- MR MR MR MR
17	Standby Power Supply	Required	DG Set Provided	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.	Detector System Panel.	Required	Provided	MR
		Flow Switch Panel.	-N/A-	-N/A-	-N/A-
		PA system Panel.	Required	Provided	MR
		Battery backup	Required	Provided	MR
		Building floor plan	Required	Provided	MR
20.	Special Fire Protection System for the Protection of special Risk, if any.	CO2 & ABC type fire extinguishers and inert gas flooding system provided for electric panel and signaling rooms			MR

The Fire protection systems provided in the premises were checked / operated at random and found functional at the time of inspection. The shortcomings communicated by this department vide letter No. F.6/DFS/MS/2017/SZ/2502 dated 26/09/2017 found complied.

Keeping in view of the deemed compliance of the minimum standards of fire prevention and fire safety measures as required under the rules, the Fire Safety Certificate issued vide letter no. F.6/DFS/MS/2017/SZ/1109 dated 27/07/2017, renewal under Rule 37 of the Delhi Fire Service Rule 2010 is recommended.

Accordingly DFA is put up for approval and signature please.

S.K. Dua
02/11

Signature of the Inspecting Officer
Name : S.K. Dua
Designation: DO (SD)

Bhupender Prakash
02/11/2020

Signature of the Inspecting Officer
Name : Bhupender Prakash
Designation: ADO

Dy. CFO (SZ)

[Signature]
4/11

C. F. O.

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6/11

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9/11

Area office has
30 mins let
him go to 88 plan
in future go to 88 plan
d/b/m files
9/11/20

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02/11/20

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9/11

