

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

Fax No. 011-23412593, Ph. 011-23412225

No. F.6/DFS/MS/Metro/2017/SZ/ 1862

Dated: 27/12/17

FIRE SAFETY CERTIFICATE

Certified that "DMRC Okhla Metro Station", New Delhi, comprised of Ground floor, Concourse and Platform level was granted Fire Safety Certificate by this department vide letter No. F.6/DFS/MS/2014/Metro/SZ/1627 dated 23-12-2014. The Metro Station premises was re-inspected by the officer concerned of this department on 09/12/2017 in the presence of Mr. Vikas Bhardwaj (AM/Fire) 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 building/premises is fit for occupancy class D (Assembly- metro railway) as above with effect from the date of issue of this certificate 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 27/12/17 at New Delhi by


(Vipin Kental)
Chief Fire Officer

Copy to: -

1. Sh. Rajesh Agrawal (Sr. DGM/E&M/RC), DMRC Ltd., Metro Bhawan,
Fire Brigade Lane Barakhamba Road, New Delhi-110001

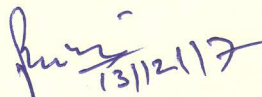
Conditions for the validity of Fire Safety Certificate

1. All the means of escape/entry/exit shall be kept free from any obstruction.
2. All the fire safety 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 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 (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	DMRC OKHLA METRO STATION, NEW DELHI		
2	Type of Occupancy	Assembly (D-7)		
3	Building Comprised of	Ground floor, Concourse and platform level.		
4	Type of Case	Renewal		
5	Details of Previous NOC	F.6/DFS/MS/2014/Metro/SZ/1627 dated 23-12-2014.		
6	Fire Safety Directives Letter No	F.6/DFS/MS/BP/2008/2438 dated 26-08-2008.		
7	Date of Inspection	09-12-2017		
8	Name of the Inspecting Officers	R.N. Singh, ADO (BCP)		
9	Name & Designation of Officers from the building side	Mr. Vikas Bhardwaj (AM/Fire)		
10	Year of construction	2008-09		
11	Applicant letter No.	DMRC/O&M/Fire/NOC/L-6/2017/48 Dt. 18/11/2017		
S. No	Minimum standards on Fire Prevention and Fire Safety U/R 33	Old NOC requirement	Provided at Site	Remarks MR/NMR
1	Access to Building.			
	• Road width	Required	9 mtr	MR
	• Gate width	Directly accessible	MR
	• Width of internal road	N/A	N/A	N/A
2	Number, width, type & arrangement of exits			
	a. Number of Staircase			
	➤ Upper floors	Required	Gd to Concourse – 3 No's Concourse to Platform – 4 No's	MR
	➤ Basement floor	N/A	N/A	N/A
	b. Width of Staircase			
	➤ Upper floors	Required	Gd to CC- 3.90, 2.55 & 1.73m CC to PF-4.40, 4.40, 2.32 & 2.30m	MR
	➤ Basement floor	N/A	N/A	N/A
	c. Protection of exits			
	➤ Fire check door	Required	Provided	MR
	➤ Pressurization	N/A	N/A	N/A
	d. No. of continuous staircase to terrace	N/A	N/A	N/A
	e. Width of corridor	Required	2.5 mtr	MR
	f. Door size	Required	1.5 mtr	MR
3	Compartmentation.			
	• Fire check door.	Required	Provided	MR
	• Sealing of electrical shafts.	Required	Provided	MR
	• Fire rating of shaft door.	N/A	N/A	N/A
	• Water curtain	N/A	N/A	N/A
	• Fire dampers.	N/A	N/A	N/A
4.	Smoke Management system.			
	• Basement	30 ACPH	N/A	N/A
	• Upper floors	12 ACPH	N/A	N/A
5.	Fire Extinguishers.			
	• Total numbers	Required	30 No's	MR
	• Types	Co2 / W.Co2	Co2- 22, W.Co2-08	MR
	• ISI Marking	ISI Marked	Provided	MR
6.	First aid Hose-reels.			
	• Total numbers on each floor.	Concourse- 2 No's Platform- 4 No's	Concourse- 2 No's Platform- 4 No's	MR
	• Length of hose-reel hose.	45 m	45 m	MR
	• Nozzle Diameter	5 mm	5 mm	MR

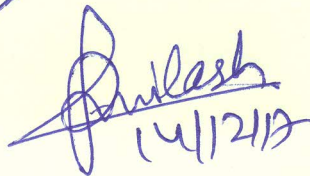
DMRC Okhla, Metro Station, New Delhi (Line-6)

7	Automatic fire detection & alarming system.			
	• Type of detectors	Required	Smoke detectors	MR
	• Location of Main Panel	Required	Station Control Room	N/A
	• Location of Repeater Panel	Required	Station concourse level	N/A
	• Alternate source of power	Required	Provided DG Set	N/A
	• Hooter's location	Required	Provided at all levels	N/A
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	• Basement.	N/A	N/A	N/A
	• Upper floors	N/A	N/A	N/A
	• Sprinkler above false ceiling	N/A	N/A	N/A
11.	Internal Hydrants.			
	• Size of Riser/Down-comer	Required	100 mm	MR
	• Number of Hydrant per floor	Required	Concourse level- 2 No's Platform level- 4 No's	MR
	• Hose box.	Required	Concourse level- 2 No's Platform level- 4 No's	MR
12.	Yard Hydrants.			
	• Total number of hydrants.	Required	2 No's	MR
	• Hose box.	Required	2 No's	MR
13.	Pumping arrangements.			
	a) Ground Level			
	➤ Discharge of main pump.	1800 LPM	1800 LPM	MR
	➤ Head of main pump.	70 mtr	70 mtr	MR
	➤ Number of main pumps.	Two	Two	MR
	➤ Jockey Pump output.	180 LPM	180 LPM	MR
	➤ Jockey Pump head.	70 mtr	70 mtr	MR
	➤ Standby Pump output.	1800 LPM	1800 LPM	MR
	➤ Standby Pump head.	70 mtr	70 mtr	MR
	➤ Auto Starting / Manual Stopping.	Required	Provided	MR
	➤ Pump house access.	Required	Provided	MR
	b) Terrace Level			
	➤ Discharge of pump.	N/A	N/A	N/A
	➤ Head of pump.	N/A	N/A	N/A
	➤ Power supply.	N/A	N/A	N/A
	➤ Auto starting of pump.	N/A	N/A	N/A
14.	Captive water storage for Fire Fighting.			
	• Underground tank capacity.	Required	50,000 ltrs	MR
	➤ Draw-off connection.	Required	Provided	MR
	➤ Fire Service Inlet.	Required	Provided	MR
	➤ Access to tank.	Required	Provided	MR
	• Overhead tank capacity.	N/A	N/A	N/A
15.	Exit Signage.	Required	Provided	MR
16.	Provision of Lifts.			
	• Pressurization of lift shaft.	N/A	N/A	N/A
	• Pressurization of lift lobby.	N/A	N/A	N/A
	• Communication in lift car.	Required	Provided	MR
	• Fireman's switch.	Required	Provided	MR
	• Lift signage.	Required	Provided	MR
17	Standby Power Supply	Required	Provided DG Set	MR
18.	Refuge Area			
	• Total area	N/A	N/A	N/A
	• Location	N/A	N/A	N/A

19.	Fire Control Room.			
	• Detector System Panel.	N/A	N/A	N/A
	• Flow Switch Panel.	N/A	N/A	N/A
	• PA system Panel.	N/A	N/A	N/A
	• Battery backup	N/A	N/A	N/A
	• Building floor plan	N/A	N/A	N/A
20.	Special Fire Protection System for the Protection of special Risk, if any.	Required	Co2 flooding system found provided for electrical panel	MR
<p>The Fire protection systems provided in the building were checked / operated and found functional at the time of inspection.</p> <p>In view the deemed compliance of the minimum standards on fire prevention and fire safety measures as required under the rules, FSC issued vide letter No. F.6/DFS/MS/2014/Metro/SZ/1627 dated 23/12/2014, renewal under rule 37 of the Delhi Fire Service Rules, 2010 is recommended.</p> <p>Accordingly, DFA is put up for approval and signature please.</p> <p style="text-align: right;">  Signature of the Inspecting Officer Name : R.N. Singh Designation: ADO </p>				

DMRC Okhla, Metro Station, New Delhi (Line-6)

~~DO (SD)~~


Anilash
14/12/17