

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

No. F.6/DFS/MS/Metro/2019/SZ/ 2241

Dated: 28/11/19

**FIRE SAFETY CERTIFICATE**

Certified that "Moolchand Metro Station" New Delhi (Line-6), comprised of Ground Floor, Concourse and Platform level was granted Fire Safety Certificate by this department vide letter No. F.6/DFS/MS/2014/SZ/1267 dated 07/10/2014. The metro station premises was re-inspected by the officer concerned of this department on 19/11/2019 in the presence of Mr. Bhirgu Fukan (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 **Group-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 28/11/19 at New Delhi by

  
(Vipin Kental)  
Chief Fire Officer  
Delhi Fire Service

Copy to: -

1. Sh. Rajesh Agrawal (JGM/E&M), 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 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.
3. All the staff members must know the correct method of operation of fire fighting 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](http://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."

## INSPECTION REPORT

1	Name & Address of the Building	Moolchand Metro Station, New Delhi (Line-6)		
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/SZ/1267 dated 07-10-2014.		
6	Fire Safety Directives Letter No	F.6/DFS/MS/BP/2008/3422 dated 15-12-2008.		
7	Date of Inspection	19-11-2019		
8	Name of the Inspecting Officers	ADO (SJ) Mehmood		
9	Name & Designation of Officers from the building side	Mr. Bhirgu Fukan (AM/Fire)		
10	Year of construction	2008-09		
11	Applicant letter No.	Outdoor diary No. 5728 dated 15-03-2019		
S. No.	Minimum standards on Fire Prevention and Fire Safety U/R 33	Requirement Old NOC	Provided at Site	Remarks MR/NMR
1	Access to Building.			
	<ul style="list-style-type: none"> <li>Road width</li> <li>Gate width</li> <li>Width of internal road</li> </ul>	Required	9 mtr	MR
		.....	Directly accessible	MR
		N/A	N/A	N/A
2	Number, width, type & arrangement of exits			
	a. Number of Staircase			
	➤ Upper floors	Required	GF to CC- 1 No	MR
	➤ Basement floor	N/A	CC to Platform- 4 Nos	N/A
	b. Width of Staircase			
	➤ Upper floors	Required	GF to CC- 3.35m	MR
	➤ Basement floor	N/A	CC to PF- 4.50m, 4.30m, 2.30m, 2.27 m	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	One	Provided	MR
	e. Width of corridor	2.0 mtr	2.5 mtr	MR
	f. Door size	1.5 mtr	1.5 mtr	MR
3	Compartmentation.			
	<ul style="list-style-type: none"> <li>Fire check door.</li> <li>Sealing of electrical shafts.</li> <li>Fire rating of shaft door.</li> <li>Water curtain</li> <li>Fire dampers.</li> </ul>	Required	Provided	MR
		Required	Provided	MR
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
4.	Smoke Management system.			
	<ul style="list-style-type: none"> <li>Basement</li> <li>Upper floors</li> </ul>	30 ACPH	N/A	N/A
		12 ACPH	N/A	N/A
5.	Fire Extinguishers.			
	<ul style="list-style-type: none"> <li>Total numbers</li> <li>Types</li> <li>ISI Marking</li> </ul>	30 Nos	34 Nos provided	MR
		CO2 / WCO2	CO2 & WCO2	MR
		ISI Marked	Provided	MR
6.	First aid Hose-reels.			
	<ul style="list-style-type: none"> <li>Total numbers on each floor.</li> <li>Length of hose-reel hose.</li> <li>Nozzle Diameter</li> </ul>	CC level=2 Nos PF level=4 Nos	CC level=2 Nos PF level=4 Nos	MR
		45 m	45 m	MR
		5 mm	5 mm	MR
7	Automatic fire detection & alarming system.			
	<ul style="list-style-type: none"> <li>Type of detectors</li> <li>Location of Main Panel</li> <li>Location of Repeater Panel</li> <li>Alternate source of power</li> <li>Hooter's location</li> </ul>	Required	Smoke detectors	MR
		Required	Station Control Room	N/A
		Required	Concourse Level	N/A
		Required	Provided DG Set	N/A
		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	CC level=2 Nos PF level=4 Nos	MR
	• Hose box.	Required	CC level=2 Nos PF level=4 Nos	MR
12.	Yard Hydrants.			
	• Total number of hydrants.	Required	2 Nos	MR
	• Hose box.	Required	2 Nos	MR
13.	Pumping arrangements.			
	• Ground Level			
	➤ Discharge of main pump.	1800 LPM	1800 LPM	MR
	➤ Head of main pump.	80 mtr	80 mtr	MR
	➤ Number of main pumps.	Two	Two	MR
	➤ Jockey Pump output.	180 LPM	180 LPM	MR
	➤ Jockey Pump head.	80 mtr	80 mtr	MR
	➤ Standby Pump output.	1800 LPM	1800 LPM	MR
	➤ Standby Pump head.	80 mtr	80 mtr	MR
	➤ Auto Starting/Manual Stopping.	Required	Required	MR
	➤ Pump house access.	Required	Required	MR
	• 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.	50,000 ltrs	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.	CO2 flooding system provided for electrical panel		MR

N/ 21

Moolchand Metro Station, New Delhi (Line-6)

The Fire protection systems provided in the building were checked / operated and found functional at the time of inspection. 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/SZ/1267 dated 07/10/2014, renewal under Rule 37 of the Delhi Fire Service Rules, 2010 is recommended.

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

  
Signature of the Inspecting Officer  
Name: Mehmoed  
Design: ADO (SJ)

DO (SD)

Ring  
20/11/19

DCFO (S2)

20/11

21/11

25/11  
M. scell

22/11

FT PS

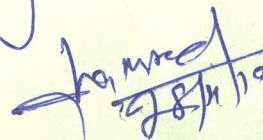


COF

Sir  
24/11/19

A set letter put up for signature please

COF M. scell 22/11

  
22/11/19  
ADO (SJ)