

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

NO. F6/DFS/MS/2015 / DMRC / 252 / 1303

Dated: 21 / 07 / 2015

FIRE SAFETY CERTIFICATE

Certified that the Delhi Metro Rail Corporation Ltd at Rohini Sector- 18 Elevated Metro Station of Line 2 Ext., Delhi comprised of Ground + Concourse + Platform owned / occupied by Delhi Metro Rail Corporation Ltd have complied with the fire prevention and fire safety requirement in accordance with Rule 33 of the Delhi Fire Service Rules, 2010 and verified by the officer concerned of fire service on 17/06/2015 in the presence of Mr. Rajesh Petro (ASC) and that the building / premises is fit for occupancy class 'D' Assembly Building less than 15 mtr with effect from 21/07/2015 for 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.

Following fire safety directives must be adhered to:-

- 1) All the fire safety arrangement provided their in shall be maintained in good working conditions at all time.
- 2) Loss of life or property due to non-functional fire safety measure shall be at the responsibility of the management.
- 3) The trained fire fighting staff should be available round the clock.
- 4) Any deviation, with regards to construction etc shall be verified b y the concerned building sanctioning agency.
- 5) The basement shall be used strictly as per the provision of building Bye-Laws.
- 6) This certificate cannot be treated in any case for regularizations of unauthorized construction unauthorized use of land if any.
- 7) The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director of Form 'J' [sub rule (1) of rule 37] along with a copy of this Certificate, six months prior to its expiry".
- 8) The owner/occupier shall submit a declaration every year in form 'K' provided in the first schedule of Delhi Fire Service Rule 2010. This is available on www.dfs.delhigovt.nic.in

Issued on 21/07/15.....at New Delhi by


(SANTOKH SINGH)
Chief Fire Officer
Ph: 011-23414250


Copy to:-

1. Sh. M. P Singh, AGM/E&M/RC-1, Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-110001

INSPECTION REPORT

(Ground Level + Concourse Level + Platform Level)

1. Name & address of the building: Rohini Sector – 18 Elevated Metro Station, of Line 2, Ext.
Delhi
2. Type of Occupancy : **Assembly**
3. Type of Case : New Case
4. Details of previous NOC : nil
5. Fire Safety directives letter No : F6/DFS/MS/BP/2013/258 Dated 30/08/2013
6. Date of inspection : 17/06/2015
7. Name of the Inspecting Officers : DCFO (WZ) & DO (NW)
8. Name and designation of officers
from the building side : Mr. Rajesh Petro (ASC)
9. Year of Construction : 2013
10. Applicant's letter No. : DMRC/Elect/CGM/E/RC-1/DFS/CE-01/Lot-01/616 dated 20/05/2015

	Minimum Standards on fire prevention and fire safety U/R 33	NBC Requirement	Provided at site	Remarks MR/NMR
1	Access to building			
	• Road width	21 mtr	21mtr	M/R
	• Gate width	5 m	--	--
	• Width of internal road	--	--	--
2	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases	08	08	M/R
	• Upper Floors 04 s/c Concourse to platform 04 s/c ground to Concourse	04 04	P P	M/R M/R
	• Basements	--	--	--
	b. Width of staircases			
	• Upper Floors 04 s/c Concourse to platform 02 s/c concourse to ground 02 s/c platform to Street 1.8 x 2	3.8 X 2 NO'S 2.05 X 2 NO'S 3.85 X 1 & 1.47 X 1 For future Extn.	P P P ---	M/R M/R M/R ---
	• Basements	--	--	--
	c. Protection of exits			
	• Fire check door	--	--	--
	• Pressurization	R	P	M/R
	e. No. of continuous staircases to terrace / platform	--	--	--
	g. Width of Corridor	02	P	M/R
	h. Door Size	--	--	--
		--	--	--

Rohini Sector – 18 Elevated Metro Station, of Line 2, Ext. Delhi

3	Compartmentation.			
	<ul style="list-style-type: none"> • Fire check door 	Required	P	M/R
	<ul style="list-style-type: none"> • Sealing of electrical shafts 	Required	P	M/R
	<ul style="list-style-type: none"> • Fire Rating of shaft door 	Required	P	M/R
	<ul style="list-style-type: none"> • Water Curtain 	N.A	N.A	N.A
	<ul style="list-style-type: none"> • Fire Dampers 	N.A	N.A	N.A
4	Smoke Management System.	Natural Ventilation		
	<ul style="list-style-type: none"> • Basements 	30 a/c per hour	N.A	N.A
	<ul style="list-style-type: none"> • Upper floors 	12 a/c per hour	N.A	N.A
5	Fire Extinguishers			
	<ul style="list-style-type: none"> • Total numbers 	One at 300 m ²	Co2 & WCO2	M/R
	<ul style="list-style-type: none"> • Types 		P	M/R
	<ul style="list-style-type: none"> • IS marking 	ISI marked	yes	M/R
6	First-Aid Hose Reels.			
	<ul style="list-style-type: none"> • Total numbers on each floor 	06 on each platform 4 on concourse / Plate form 45 m 25 mm	P	M/R
	<ul style="list-style-type: none"> • Length of hose reel hose 		P	M/R
	<ul style="list-style-type: none"> • Nozzle diameter 		P	M/R
7	Automatic fire detection and alarming system.			
	<ul style="list-style-type: none"> • Type of detectors 	Smoke	P	M/R
	<ul style="list-style-type: none"> • Location of Main Panel 	Required	P	M/R
	<ul style="list-style-type: none"> • Location of Repeater Panel 	--	--	--
	<ul style="list-style-type: none"> • Alternate source of power 	Required	P	M/R
	<ul style="list-style-type: none"> • Hooters' Location 	Required	At strategic location	M/R
8	MOEFA	Required	P	M/R
9	Public Address System.	Required	P	M/R
10	Automatic Sprinkler System.			
	<ul style="list-style-type: none"> • Basement 	N.A	N.A	N.A
	<ul style="list-style-type: none"> • Upper Floor 	N.A	N.A	N.A
	<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 	150mm	P	M/R
	<ul style="list-style-type: none"> • Number of hydrants per floor 	Required	Same as col. No 6	M/R
	<ul style="list-style-type: none"> • Hose Box 	Required	Same as col. No 6	M/R
12	Yard Hydrants.			

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	<ul style="list-style-type: none"> Total number of hydrants 	02	P	M/R
	<ul style="list-style-type: none"> Hose Box 	Required	P	M/R
13	Pumping Arrangements.			
	<ul style="list-style-type: none"> Ground Level 			
	➤ Discharge of main Pump	1800 LPM	P	M/R
	➤ Head of Main pump	70 Mtr	P	M/R
	➤ Number of main pumps	01	P	M/R
	➤ Jockey Pump out put	180 LPM	P	M/R
	➤ Jockey pump head	70 Mtr	P	M/R
	➤ Standby Pump out put	1800 LPM	P	M/R
	➤ Standby Pump Head	70 Mtr	P	M/R
	➤ Auto Starting/ Manual stopping	Required	P	M/R
	➤ Pump House Access	Required	P	M/R
	<ul style="list-style-type: none"> Terrace level 			
	➤ Discharge of pump	N/A	N/A	N/A
	➤ Head of the pump	--	--	--
	➤ Power Supply	--	--	--
	➤ Auto Starting of pump	--	--	--
14	Captive Water Storage for fire fighting.			
	<ul style="list-style-type: none"> Underground tank capacity 	50,000 ltr	P	M/R
	➤ Draw-off connection	Required	P	M/R
	➤ Fire service inlet	Required	P	M/R
	➤ Access to tank	Required	P	M/R
	<ul style="list-style-type: none"> Overhead Tank capacity 	10,000 ltr	P	M/R
15	Exit Signage.	Required	P	M/R
16	Provision of Lifts.			
	<ul style="list-style-type: none"> Pressurization of Lift Shaft 	N/A	N/A	N/A
	<ul style="list-style-type: none"> Pressurization of Lift lobby 	N/A	N/A	N/A
	<ul style="list-style-type: none"> Communication In lift Car 	Required	P	M/R
	<ul style="list-style-type: none"> Fireman's Grounding Switch 	Required	P	M/R
	<ul style="list-style-type: none"> Lift Signage 	Required	P	M/R
17	Standby power supply	Required	P	M/R
18	Refuge Area.			

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Rohini Sector – 18 Elevated Metro Station, of Line 2, Ext. Delhi

	➤ Total Area	N/A	N/A	N/A
	➤ Location	N/A	N/A	N/A
19	Fire Control Room at concourse level			
	• Detector System Panel	Required	P	M/R
	• Flow Switch Panel	--	--	--
	• PA System Panel	Required	P	M/R
	• Batter backup	Required	P	M/R
	• Building Floor Plans	N/A	N/A	N/A
20	Special Fire Protection Systems for Protection of special Risks, if any:	—	—	—

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

Keeping in view the substantial compliance of the minimum standards on fire prevention and fire safety required under the rules it is recommended to grant Fire Safety Certificate under rule 35 of the Delhi Fire Service Rules 2010/ issue shortcomings as noted at serial numbers.....



Signature of the Inspecting Officer

Name

Designation

DLFO (WZ)

Signature of the Inspecting Officer

Name

Designation

[Signature]
10/7/15
DO (WZ)