

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

No F 6 / DFS / MS / 2018 / 2341

Dated 16/10/2018

FIRE SAFETY CERTIFICATE

Certified that the **Delhi Metro Rail Corporation Ltd** at **Badli Mor Elevated Metro Station of Line 2 Ext., Delhi excluding PD area I & II** comprised of **Ground Level + Concourse Level + Platform Level Phase-3, PD area I & II** owned/ occupied by **Delhi Metro Rail Corporation Ltd.** was granted NOC by this department vide letter no. **F6/DFS/MS/2015/WZ/1576 dated 01/09/2015.** The premises was re-inspected by the officers concerned of this department on **28.09.2018** in the presence of **Mr. Puskar Singh, Sr. Fire Inspector** and found that the building/premise have deemed complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and the building/ premises is fit for **occupancy class 'D' Assembly Building less than 15 mtr** with effect from 16/10/18 for a period of **03 (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.

Conditions for the validity of Fire Safety Certificate:

- 1 All the fire safety arrangement provided there-in shall be maintained in good working conditions at all times.
- 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 regard to the construction etc shall be verified by the concerned building sanctioning agency.
- 5 This certificate cannot be treated in any case for regularizations of unauthorized construction.
- 6 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".
- 7 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
- 8 All the means of escape shall be kept free of any obstruction all the time to evacuate the occupant, in a safe manner, in the event of emergency.

Issued on16/10/18.. at New Delhi by

(Atul Garg)

Chief Fire Officer
Ph-011-23414250

SCA

Copy to:-

- 1 Sh. Rajesh Agrawal, JGM/E&M, Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-110001.

INSPECTION REPORT

1. Name & address of the building :Delhi Metro Rail Corporatin Ltd, Badli Mor Elevated Metro Station of Line 2 Ext., Delhi excluding PD area I & II
2. Type of Occupancy : Assembly
3. Type of Case :Renewal (Ground Level + Concourse Level + Platform Level Ph-3 Without PD Area)
4. Details of previous NOC : F6/DFS/MS/2015/WZ/1576 Dated 02/09/2013
5. Fire Safety directives letter No : F6/DFS/MS/BP/2013/265 dated 30.08.2013 & F.6/DFS/MS/2015/229 dated 03.08.2015
6. Date of inspection : 28.09.2018
7. Name of the Inspecting Officers : ADO (RN)
8. Name and designation of officers from the building side : Mr. Puskar Singh, Sr. Fire Inspector
9. Year of Construction :2013
10. Applicant's letter No. :DMRC/O&M/Fire/NOC/L2/2018/15 dated: 20.08.2018

S. No	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	17.5m	17.5m	MR
	• Gate width	4.5 m	4.5m	MR
	• Width of internal road	06m	06m	MR
2	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	• Upper Floors S/C ground to Concourse S/C	03	03	MR
	• Concourse to Platform	02	02	
	• S/C Platform to terrace	02	02	
	• Basements	NA	NA	NA
	b. Width of staircases			
	• Upper Floors S/C ground to Concourse S/C	3.5m x 2 & 2m	3.5m x 2 & 2m	MR
	• Concourse to Platform	1.85m x 2	1.85m x 2	
	• Platform	1.85 m x2	1.85 m x2	
	• S/C Platform to terrace	NA	NA	NA
	• Basements			
	c. Protection of exits	Required	Provided	MR
	• Fire check door	NA	NA	NA
	• Pressurization	02	Provided	MR

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	d. No. of continuous staircases to terrace	NA	NA	NA
	e. Width of Corridor	NA	NA	NA
	f. Door Size			
3	Compartmentation.			
	• Fire check door	Required	Provided wherever required	MR
	• Sealing of electrical shafts	Required	Provided	MR
	• Fire Rating of shaft door	Required	Provided	MR
	• Water Curtain	NA	NA	NA
	• Fire Dampers	N/A	N/A	N/A
4	Smoke Management System.			
	• Basements	30ACPH	NA	NA
	• Upper floors	12ACPH	Natural Ventilated	MR
5	Fire Extinguishers			
	• Total numbers	28nos	28 nos	MR
	• Types	CO2/WCO2	CO2-14/WCO2-14	MR
	• IS marking	Required	Provided	MR
6	First-Aid Hose Reels.			
	• Total numbers on each floor	04 on each platform 06 on Concourse/ Plat form	04 on each platform 06 on Concourse/ Plat form	MR
	• Length of hose reel hose	45m	45m	MR
	• Nozzle diameter	25mm	25mm	MR
7	Automatic fire detection and alarming system.			
	• Type of detectors	Smoke/Heat	Provided	MR
	• Location of Main Panel	At Concourse Level	Provided	MR
	• Location of Repeater Panel	NA	NA	NA
	• Alternate source of power	Required	Provided	MR
	• Hooters' Location	Required	Provided	MR
8	MOEFA	Required	Provided	MR
9	Public Address System.	Required	Provided	MR
10	Automatic Sprinkler System.			

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	<ul style="list-style-type: none"> Basement Upper Floor Sprinkler above false ceiling 	NA	NA	NA
		NA	NA	NA
		NA	NA	NA
11	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser/down-comer 	150mm	150mm	MR
	<ul style="list-style-type: none"> Number of hydrants per floor 	06	Same as col. no 6	MR
	<ul style="list-style-type: none"> Hose Box 	06	Same as col. no 6	MR
12	Yard Hydrants.			
	<ul style="list-style-type: none"> Total number of hydrants 	09	09	MR
	<ul style="list-style-type: none"> Hose Box 	Required	Provided	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 out put Jockey pump head Standby Pump out put Standby Pump Head Auto Starting/ Manual stopping Pump House Access 			
		2x 2850Lpm	2x 2850Lpm	MR
		80 mtr	80 mtr	MR
		NA	NA	NA
		2 x 180 LPM	180 LPM	MR
		80 m	70m	MR
		2850LPM	2850 LPM	MR
		80 mtr	80m	MR
		Required	Provided	MR
	<ul style="list-style-type: none"> Terrace level 	Required	Provided	MR
	<ul style="list-style-type: none"> Discharge of pump Head of the pump Power Supply Auto Starting of pump 	Required	Provided	MR
		NA	NA	NA
		NA	NA	NA
		NA	NA	NA
		NA	NA	NA
14	Captive Water Storage for fire fighting.			
	<ul style="list-style-type: none"> Underground tank capacity 	2,00,000ltrs	2,00,000ltrs	MR
	<ul style="list-style-type: none"> Draw-off connection 	Required	Provided	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

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	• Overhead Tank capacity	NA	15,000 ltr.	MR
15	Exit Signage.	Required	Provided	MR
16	Provision of Lifts.			
	• Pressurization of Lift Shaft	03 no's lift	2 concourse to platform	NA
	• Pressurization of Lift lobby		1 Ground to concourse	
	• Communication In lift Car	NA	NA	NA
	• Fireman's Grounding Switch	Required	Provided	MR
	• Lift Signage	Required	Provided	MR
		Required	Provided	MR
17	Standby power supply	Required	300KVA	MR
18	Refuge Area.			
	➤ Total Area	NA	NA	NA
	➤ Location	NA	NA	NA
19	Fire Control Room			
	• Detector System Panel	Required	Provided	MR
	• Flow Switch Panel	NA	NA	NA
	• PA System Panel	Required	Provided	MR
	• Battery backup	Required	Provided	MR
	• Building Floor Plans	NA	NA	NA
20	Special Fire Protection Systems for Protection of special Risks, if any:	NA	NA	NA

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

Keeping in view of satisfactory compliance of the minimum standards on fire prevention and fire safety required under the rules and fire safety guidelines issued vide letter of even no. 1576 dated 01.09.2015, it is recommended to issue Fire Safety Certificate under rule 2010..

Handwritten signatures and initials:
 Sycro/w2
 CTO newy
 8/10/15
 RPPH

Handwritten: 14/5/10
 Signature of the Inspecting Officer
 Name: - Rajesh Kumar
 Designation:- ADO/RN

Handwritten: As approved, f.t. letter is pending for your signature @
 1/19/15