

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI

HEADQUATERS: DELHI FIRE SERVICE: NEW DELHI-110001

Fax: 23412593, E-mail: cfohq.dlfire@nic.in, Tel:- 011-23414333

NO.F6/DFS/MS/2014/ 52 / 1150

Dated: 08/09/14

FIRE SAFETY CERTIFICATE

Certified that "Badarpur Metro Station", New Delhi, comprised of ground floor, concourse and platform level was granted NOC by this department vide letter No. F.6/DFS/MS/2010/3045 dated 28-10-2010. The metro station was re-inspected by the officer concerned of this department on 27-08-2014 in the presence of Mr. Parvesh Kumar, Fire Inspector, Mr. Vrigu (Fire Inspector) 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) with effect from 08/09/14 for a period of 3(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 08/09/14 at New Delhi by.


(Dr. G.C. MISRA)
CHIEF FIRE OFFICER

Copy to: -

1. Chief Architect, DMRC Ltd., Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-110001.

Conditions for the validity of fire safety certificate

- a. All the fire safety and means of escape facilities shall be maintained in good working conditions at all time. Any lapse rendering fire safety or means of evacuation facilities rendering non-functional shall be the responsibility of the management.
- b. Building Sanctioning authority may verify any deviation with regard to the construction / occupancy in the building. In case of any deviation, the fire safety certificate stands null and void.
- c. The staffs shall be trained for operating fire fighting system and mock evacuation drills be conducted at regular intervals and record be maintained.
- d. 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 website www.dfs.delhigovt.nic.in

INSPECTION REPORT

1. Name & address of the building : Badarpur Metro Station, New Delhi
2. Type of Occupancy : Assembly (D-7)
3. Type of Case : renewal
4. Details of previous NOC : F6/DFS/MS/2010/3045 dated 28/10/2010.
5. Fire Safety directives letter No : F.6/DFS/MS/BP/2008/3480 dated 18/12/2008
6. Date of inspection : 27.08.2014
7. Name of the Inspecting Officers : M.K.Chattopadhyay, ADO(M.Rd)
8. Name and designation of officers from the building side : Mr. Parvesh Kumar (Fire Inspector), Mr. Vrigu (Fire Inspector)
9. Year of Construction : 2008-09
10. Applicant's letter No. : DMRC//O&M/Fire/NOC/L-6/2014/31 dated 13.06.2014

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	09 mts	Provided	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 staircases	-	-	-
	• Upper Floors	Old Case	02 Nos. (Ground to concourse); 04 Nos. (concourse to platform)	MR
	• Basements	N/A	N/A	N/A
	b. Width of staircases	-	-	-
	• Upper Floors	Old Case	Ground to concourse (3.30 mts each) concourse to platform (2.40 mts each)	MR
	• Basements	N/A	N/A	N/A
	c. Protection of exits	-	-	-
	• Fire check door	Required	Provided	MR
	• Pressurization	N/A	N/A	N/A
	e. No. of continuous staircases to terrace	N/A	N/A	N/A
	g. Width of Corridor	2.5 mts	provided	MR
	h. Door Size	1.5 mts	provided	MR
3	Compartmentation.			
	• Fire check door	Required	Provided	MR

	<ul style="list-style-type: none"> Sealing of electrical shafts Fire Rating of shaft door Water Curtain Fire Dampers 	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"> Basements Upper floors 	30 a/c per hour	N/A	N/A
		12 a/c per hour	N/A	N/A
5	Fire Extinguishers			
	<ul style="list-style-type: none"> Total numbers Types IS marking 	30 CO ₂ , W.CO ₂ ISI marked	Provided	MR
			Provided	MR
			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 	Concourse-2, Platform-4 45 m 5 mm	Provided	MR
			Provided	MR
			Provided	MR
7	Automatic fire detection and alarming system.			
	<ul style="list-style-type: none"> Type of detectors Location of Main Panel Location of Repeater Panel Alternate source of power Hooters' Location 	Required	Smoke Detectors Provided	MR
		Required	Provided at Station Control Room	MR
		Required	Provided at Station Concourse level	MR
		Required	D.G Set Provided	MR
		Required	Provided at all levels	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 Floor Sprinkler above false ceiling 	N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
11	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser/down-comer Number of hydrants per floor Hose Box 	100 mm	Provided	MR
		Concourse-2, Platform-4, Ground-2	Provided	MR
		Concourse-2, Platform-4, Ground-2	Provided	MR
12	Yard Hydrants.			

	<ul style="list-style-type: none"> Total number of hydrants 	Required	Provided	MR
	<ul style="list-style-type: none"> Hose Box 	Required	Provided	MR
13	Pumping Arrangements.			
	<ul style="list-style-type: none"> Ground Level 	-	-	-
	<ul style="list-style-type: none"> ➤ Discharge of main Pump 	1800 LPM	Provided	MR
	<ul style="list-style-type: none"> ➤ Head of Main pump 	80 mts.	Provided	MR
	<ul style="list-style-type: none"> ➤ Number of main pumps 	02	Provided	MR
	<ul style="list-style-type: none"> ➤ Jockey Pump out put 	180 PM	Provided	MR
	<ul style="list-style-type: none"> ➤ Jockey pump head 	80 mts	Provided	MR
	<ul style="list-style-type: none"> ➤ Standby Pump out put 	1800 LPM	Provided	MR
	<ul style="list-style-type: none"> ➤ Standby Pump Head 	80 mts.	Provided	MR
	<ul style="list-style-type: none"> ➤ Auto Starting/ Manual stopping 	Required	Provided	MR
	<ul style="list-style-type: none"> ➤ Pump House Access 	Required	Provided	MR
	<ul style="list-style-type: none"> Terrace level 	-	-	-
	<ul style="list-style-type: none"> ➤ Discharge of pump 	N/A	N/A	N/A
	<ul style="list-style-type: none"> ➤ Head of the pump 	N/A	N/A	N/A
	<ul style="list-style-type: none"> ➤ Power Supply 	N/A	N/A	N/A
	<ul style="list-style-type: none"> ➤ Auto Starting of pump 	N/A	N/A	N/A
14	Captive Water Storage for fire fighting.			
	<ul style="list-style-type: none"> Underground tank capacity 	50,000 lts	Provided	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
	<ul style="list-style-type: none"> Overhead Tank capacity 	N/A	N/A	N/A
15	Exit Signage.	Required	Provided	MR
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	Provided	MR
	<ul style="list-style-type: none"> Fireman's Grounding Switch 	Required	Provided	MR
	<ul style="list-style-type: none"> Lift Signage 	Required	Provided	MR

		Required	D.G.Set Provided	MR
17	Standby power supply			
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
	• Batter backup	N/A	N/A	N/A
	• Building Floor Plans	N/A	N/A	N/A
20	Special Fire Protection Systems for Protection of special Risks, if any:	Required	CO ₂ flooding system found provided in elect. panel	MR

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

The shortcomings earlier issued by this department vide letter No. F.6/DFS/MS/Metro/2014/418 dated 19.02.2014 has been complied by the DMRC management.

In view the deemed compliance of the minimum standards on fire prevention and fire safety measures as required under the rules, the NOC issued vide letter No. F6/DFS/MS/2010/3045 dated 28/10/2010, renewal under rule 35 of the Delhi Fire Service rules 2010 is recommended.

Accordingly DFA is put up for signature please.

Do/sz

31/9/14

1/8/14

M.K.CHATTOPADHYAY
Asstt. Div. Officer (M.Road)