

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI

HEADQUARTERS: DELHI FIRE SERVICE: NEW DELHI-110001

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

NO.F6/DFS/MS/2014/ Metro/52/11628

Dated: 23/12/14

FIRE SAFETY CERTIFICATE

Certified that "DMRC Kailash Colony 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/2010/2804 dated 27-09-2010. The metro station was re-inspected by the officer concerned of this department on 13-12-2014 in the presence of Mr. Bhriku, 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 23/12/14 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 23/12/14 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 : DMRC Kailash Colony Metro Station, New Delhi
2. Type of Occupancy : Assembly (D-7)
3. Type of Case : renewal
4. Details of previous NOC : F6/DFS/MS/2010/2804 dated 27/09/2010.
5. Fire Safety directives letter No : F.6/DFS/MS/BP/2008/3494 dated 19/12/2008
6. Date of inspection : 13.12.2014
7. Name of the Inspecting Officers : M.K.Chattopadhyay, ADO(M.Rd)
8. Name and designation of officers from the building side : Mr. Bhriгу, (Fire Inspector)
9. Year of Construction : 2008-09
10. Applicant's letter No. : DMRC//O&M/Fire/NOC/L-6/2014/46 dated 07.11.2014

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			
	<ul style="list-style-type: none"> • Road width 	09 mts	Provided	MR
	<ul style="list-style-type: none"> • Gate width 	-----	Directly accessible	MR
	<ul style="list-style-type: none"> • Width of internal road 	N/A	N/A	N/A
2	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases	-	-	-
	<ul style="list-style-type: none"> • Upper Floors • Basements 	Old Case	02 Nos. (Ground to concourse); 02 Nos. (Concourse to FOB); 02 Nos. (FOB to platform)	MR
		N/A	N/A	N/A
	b. Width of staircases	-	-	-
	<ul style="list-style-type: none"> • Upper Floors • Basements 	Old Case	Ground to Concourse (2.56, 2.06 mts), Concourse to FOB (2.89, 2.77 mts), FOB to Platform (2.97, 2.77 mts)	MR
		N/A	N/A	N/A
	c. Protection of exits	-	-	-
	<ul style="list-style-type: none"> • Fire check door • Pressurization 	Required	Provided	MR
		N/A	N/A	N/A
		N/A	N/A	N/A
	e. No. of continuous staircases to terrace	2.5 mts	provided	MR
	g. Width of Corridor	1.5 mts	provided	MR
	h. Door Size	1.5 mts	provided	MR
3	Compartmentation.			
	<ul style="list-style-type: none"> • Fire check door • Sealing of electrical shafts 	Required	Provided	MR
		Required	Provided	MR

	<ul style="list-style-type: none"> • Fire Rating of shaft door • Water Curtain • Fire Dampers 	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	Exhaust fan	MR
		12 a/c per hour	N/A	N/A
5	Fire Extinguishers			
	<ul style="list-style-type: none"> • Total numbers • Types • IS marking 	46	Provided	MR
		CO ₂ , W.CO ₂	Provided	MR
		ISI marked	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, FOB Area-02, Platform-4	Provided	MR
		45 m	Provided	MR
		5 mm	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, FOB-2, Platform-4	Provided	MR
		Concourse-2, FOB-2, Platform-4	Provided	MR
12	Yard Hydrants.			
	<ul style="list-style-type: none"> • Total number of hydrants 	Required	Provided	MR

	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 ➤ 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 • Terrace level <ul style="list-style-type: none"> ➤ Discharge of pump ➤ Head of the pump ➤ Power Supply ➤ Auto Starting of pump 	-	-	-
		1800 LPM	Provided	MR
		70 mts.	Provided	MR
		02	Provided	MR
		180 PM	Provided	MR
		70 mts	Provided	MR
		1800 LPM	Provided	MR
		70 mts.	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		-	-	-
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
14	Captive Water Storage for fire fighting.			
	<ul style="list-style-type: none"> • Underground tank capacity <ul style="list-style-type: none"> ➤ Draw-off connection ➤ Fire service inlet ➤ Access to tank • Overhead Tank capacity 	50,000 lts	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		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 • Pressurization of Lift lobby • Communication In lift Car • Fireman's Grounding Switch • Lift Signage 	N/A	N/A	N/A
		N/A	N/A	N/A
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
17	Standby power supply	Required	D.G.Set Provided	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
	• 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/2014/446 dated 21.02.2014 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/2010/2804 dated 27/09/2010, renewal under rule 35 of the Delhi Fire Service rules 2010 is recommended.

Accordingly DFA is put up for signature please.

DO (SZ) - leave
 (SZ) [Signature]

[Signature]
 16/12/14
 M.K.CHATTOPADHYAY
 Asstt. Div. Officer (M.Road)