

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE: NEW DELHI - 110 001

No. F.6/DFS/MS/Assembly/SZ/2017/ 732

Dated: 23/5/17

FIRE SAFETY CERTIFICATE

Certified that the **Jasola Vihar Metro Station of Line 8 (JanakPuri West to Kalindi Kunj Section)**, comprising of Three levels (Ground, Concourse & Platforms) was inspected by the officer concerned of this department on 17/05/2017 in the presence of Mr. Manoj Kumar [Manager(E&M)] 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 premises is fit for occupancy class "**Group D Assembly building**" with effect from ~~23/5~~ 23/5/2017 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 23/5/17..... at New Delhi by.


(Vipin Kental)
Chief Fire Officer
Tel: 011-23412225



Copy to:-

1. The CEE/RC-2, Delhi Metro Rail Corporation Ltd., Ground Floor, Airport Metro Station, DhaulaKuan, New Delhi-110021.
2. Director Projects, 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 arrangements provided therein shall be maintained in good working condition at all time as seen during inspection. Any loss of life or 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 firefighting 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
5. This fire safety certificate may not in any way be treated as regularization of unauthorized construction, if any.
6. "The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director in Form 'J' [sub rule (1) of rule 37] along with a copy of this Certificate, six months prior to its expiry."

INSPECTION REPORT

1. Name & address of the building : Jasola Vihar Metro Station of Line 8 (Janak Puri West to Kalindi Kunj Section)
 2. Type of Occupancy : Assembly- Group-"D"
 3. Type of Case : New
 4. Details of Previous NOC : NA
 5. Fire Safety directives letter No : F6/DFS/MS/BP/2013/713 dated 20/02/2013
 6. Date of inspection : 17/05/2017
 7. Name of Inspecting Officer : A. K. Malik
 8. Name and designation of officer from the building side : Mr. Manoj Kumar [Manager(E&M)]
 9. Year of Construction : 2017 [Ground + Concourse + Platforms]
 10. Applicant's letter No. : DMRC/CEE/RC-2/E&M/3925 dated 01/05/2017 outdoor diary no. 6071 dated 02/05/2017

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	BBL/NBC Requirement	Provided at site	Remarks MR/NMR
1.	Access to building			
	<ul style="list-style-type: none"> Road width Gate width Width of internal road 	12m NA NA	Provided NA NA	MR NA NA
2.	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	<ul style="list-style-type: none"> Upper Floors 	GF to Concourse- 4 Nos. Concourse to Platform- 4 Nos.	Provided	MR
	<ul style="list-style-type: none"> Basements 	NA	NA	NA
	b. Width of staircases			
	<ul style="list-style-type: none"> Upper Floor 	2m	GF to Concourse- 2 Nos of 4.5m & 2 Nos of 2.5m Concourse to Platform- 2 Nos of 4.5m & 2 Nos of 2.2m	MR
	<ul style="list-style-type: none"> Basements 	NA	NA	NA
	c. Protection of exits			
	<ul style="list-style-type: none"> Fire check door Pressurization 	NA NA	NA NA	NA NA
	d. No. of continuous staircases to terrace	NA	NA	NA
	e. Width of Corridor	1.5m	Provided	MR
	f. Door Size	2m	Provided	MR
3.	Compartmentation			
	<ul style="list-style-type: none"> Fire check door 	Required in Technical Rooms	Provided	MR
	<ul style="list-style-type: none"> Sealing of electrical shafts Fire Rating of shaft door Water Curtain Fire Dampers 	Required NA NA NA	Provided NA NA NA	MR NA NA NA
4.	Smoke Management System			
	<ul style="list-style-type: none"> Basements Upper floors 	NA NA	NA NA	NA NA
5.	Fire Extinguishers			
	<ul style="list-style-type: none"> Total numbers Types IS marking 	36 No's W.CO2/CO2 ISI marked	Provided 18/18 Yes	MR MR MR
	First Aid Hose Reels			

	<ul style="list-style-type: none"> Total numbers on each floor 	3 Nos at concourse & 2 Nos on each Platform	Provided	MR
	<ul style="list-style-type: none"> Length of hose reel hose 	45m	Provided	MR
	<ul style="list-style-type: none"> Nozzle diameter 	6mm	Provided	MR
7.	Automatic fire detection and alarming system			
	<ul style="list-style-type: none"> Type of detectors 	Smoke & Heat Station Control Room	Provided	MR
	<ul style="list-style-type: none"> Location of Main Panel 	NA	Provided	MR
	<ul style="list-style-type: none"> Location of Repeater Panel 	NA	Near ASS	NA
	<ul style="list-style-type: none"> Alternate source of power 	Required	Provided	MR
	<ul style="list-style-type: none"> Hooters' Location 	All Area	Provided	MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	NA	Provided	NA
10.	Automatic Sprinkler System			
	<ul style="list-style-type: none"> Basement 	NA	NA	NA
	<ul style="list-style-type: none"> Ground & Above Floor 	NA	NA	NA
	<ul style="list-style-type: none"> Sprinkler above false ceiling 	NA	NA	NA
11.	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser/down-comer 	100mm	Provided	MR
	<ul style="list-style-type: none"> Number of hydrants per floor 	3 Nos at concourse & 2 Nos on each Platform	Provided	MR
	<ul style="list-style-type: none"> Hose Box 	3 Nos at concourse & 2 Nos on each Platform	Provided	MR
12.	Yard Hydrants			
	<ul style="list-style-type: none"> Total number of hydrants 	3 Nos	Provided	MR
	<ul style="list-style-type: none"> Hose Box 	3 Nos	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 	70m	Provided	MR
	<ul style="list-style-type: none"> ➤ Number of main pumps 	One	Provided	MR
	<ul style="list-style-type: none"> ➤ Jockey Pump out put 	180 LPM	Provided	MR
	<ul style="list-style-type: none"> ➤ Jockey pump head 	70m	Provided	MR
	<ul style="list-style-type: none"> ➤ Standby Pump out put 	1800 LPM(electric)	Provided	MR
	<ul style="list-style-type: none"> ➤ Standby Pump Head 	70m	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 	NA	NA	NA
	<ul style="list-style-type: none"> ➤ Head of the pump 	NA	NA	NA
	<ul style="list-style-type: none"> ➤ Power Supply 	NA	NA	NA
	<ul style="list-style-type: none"> ➤ Auto Starting of pump 	NA	NA	NA
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 	NA	10,000 Lts	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 	NA	NA	NA
		NA	NA	NA
		NA	Provided	NA
		NA	Provided	NA
		NA	Provided	NA
17.	Standby power supply	Required	Provided	MR
18.	Refuge Area.			
	<ul style="list-style-type: none"> ➤ Total Area ➤ Location 	NA	NA	NA
		NA	NA	NA
19.	Fire Control Room			
	<ul style="list-style-type: none"> • Detector System Panel • Flow Switch Panel • PA System Panel • Batter backup • Building Floor Plans 	NA	Provided	NA
		NA	NA	NA
		NA	Provided	NA
		NA	Provided	NA
		NA	Provided	NA
20.	Special Fire Protection System for Protection of special Risks, if any:	Gas Flooding in HT, LT panel, LT distribution board and essential power panels and other such major panels.	Provided	MR

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

Keeping in view of the above compliance of the minimum standards of fire prevention and fire safety measures as required under the rule 35 of the Delhi Fire Service Rules 2010, Fire Safety Certificate is recommended.

Accordingly DFA is put up for approval and signature.

A. K. Malik
18/5/12
Signature of Inspecting Officer
Name: A. K. Malik
Designation: DO (SD)

Dy. CFO (SZ)
[Signature]
19/5



CFO (SZ) *M.S. Cell* *23/5*
Sis. FT. is put up for Sis. please.
CFO (SZ) *[Signature]*
23/5/12